



APAMS Final Technical Specification

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Abstract

This document describes the technical specification for the APAMS.(Airport Performance Assessment and Management Support Systems) as a key element of the Solution #21. These requirements are based on OFA05.01.01 OSED, SPR and INTEROP and aligned with all the Validation Exercises that the APAMS has supported: EXE-06.03.01-VP-609, EXE-06.05.04-VP-013 and EXE-06.03.01-VP-757. The document contains all the updated requirements from the beginning of the project, including in an appendix those that were removed.

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Executive summary

The objective of this document is to specify the technical requirements of APAMS in order to meet the operational requirements described in the OFA05.01.01 OSED document[9], the OFA05.01.01 INTEROP document [10] and the P6.5.4 - OFA OFA05.01.01 Preliminary Safety and Performance Requirements Document [11] aligned with the EXE-06.05.04-VP-013 VALP needs and definitions.

To align TS with the exercises EXE-06.03.01-VP-609, EXE-06.05.04-VP-013 and EXE-06.03.01-VP-757 VALP needs and definitions a lot of coordination work has been made between OPS team and project team. This coordination tasks has been made to assure the traceability between operational requirements (aligned with EXE-06.03.01-VP-609, EXE-06.05.04-VP-013 and EXE-06.03.01-VP-757 VALP needs) and technical requirements.

The APAMS system is related to the AIRPORT Capability Configuration and more particularly to the Airport Operations Plan Performance Functional Block included in the Airport Operations Centre ATM Domain Systems.

The APAMS is the system which collects the airport information from the AOP and once this information has been evaluated and compared with a set of thresholds previously defined (the levels depends on the airport) an alert or warning may be generated and the collaborative assessment process starts. The assigned stakeholder will start a set of actions, involving additional stakeholders if necessary, to resolve the situation in a collaborative manner and improve performance.

The APAMS has the following main functionalities:

- Define Current Airport Performance Framework
- Compute Airport performance indicators
- Assess Deviation
- Raise Alert / Warning
- Assess Overall Impact
- Make decision
- Record Airport Performance Data

Taking into account above mentioned functionalities, and according the OFA05.01.01 OSED document [9], the APAMS contributes to solution #21 in this way:

- The APAMS supports the **Steering Airport Performance Service** to establish the performance goals
- The APAMS supports the **Monitor Airport Performance Service** that monitors airport performance against the goals, and calculate Key Performance Indicators and Alerts.
- The APAMS supports the **Manage Airport Performance Service** that allows the stakeholders to solve normal and adverse and/or exceptional operating conditions in a proactive and collaborative way.
- The APAMS supports the **Post-Operations Analysis Service** that allows analyzing past data.

This document covers functional, non-functional and interface requirements.

1 Introduction

1.1 Purpose of the document

The objective of this document is to specify the final technical requirements that have been needed to develop the APAMS Prototype meeting the operational requirements specifying in EXE-06.03.01-VP-757 VALP, EXE-06.03.01-VP-609, VALP EXE-06.05.04-VP-013 VALP, OFA05.01.01 OSED Edition 3, OFA05.01.01 Interoperability Requirements (INTEROP), OFA05.01.01 Preliminary Safety and Performance Requirements (SPR).

This document covers functional, non-functional and interface requirements. They are addressing the “what” and not the “how”, therefore they don’t aim at specifying the physical design of the functional block (which remains for the industry), but the functional description and the necessary logical interfaces with other functional blocks.

The relations between this technical specification and the other SESAR deliverables are illustrated in Figure 1.

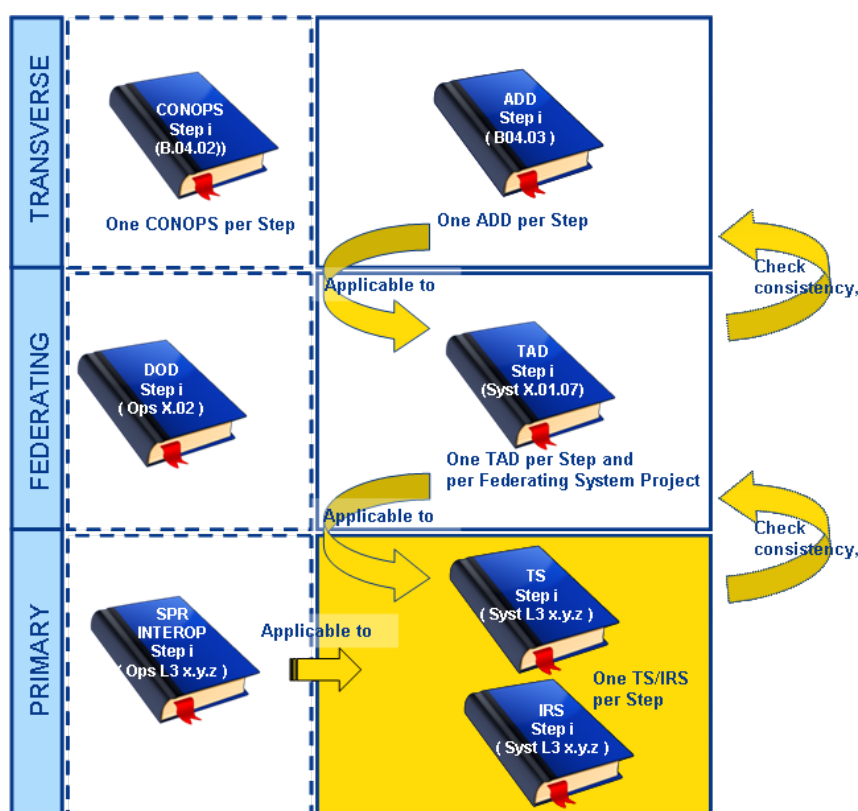


Figure 1: TS document with regards to the other SESAR deliverables

1.2 Intended readership

The document is beneficial to the operational and ground projects linked to WP 12.07.03.

The information presented in this document is useful (although not in terms of inputs) for the projects detailed below because they need to be communicated with the WP 12.07.03 system in some way.

- P6.05.01 - Airport Operations Plan Definition
- P6.05.02 - Airport Operations Plan Validation

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- P6.05.04 - AirPort Operations Centre Definition
- P6.05.05 - Integration of MET-Data into APOC Processes
- P6.06.02 - Integration of airport, airline/ground handlers, ATC processes (incl. turn-round) in ATM
- P12.01.07 – Airport Systems Specification drafting and maintenance
- P12.06.02- The Airport Operations Plan (AOP), decision-making support, and conflict-detection tools to be integrated in APOC for managing the overall performance of the airport
- P16.03.02 - Support to the Development of Performance Indicators
- P3.x - Validation of Infrastructure Adaptation and Integration

The above mentioned projects provide material that serves as input to WP 12.07.03. This material is classified according to the packages to which the projects belong:

- WP6: Operational projects that provide operational requirements. Additionally, they perform the validation of the prototype.
- WP12: Technical projects integrated and exchanging information with the WP 12.07.03 project.
- WP3: Projects that provide different validation tools and prototypes, and furthermore provide support to the V&V platform

On the other hand, the information could also serve other projects perhaps not directly but indirectly through the analysis of the feedback obtained, thus contributing to the overall ATM SESAR approach.

1.3 Inputs from other projects

The main sources of inputs are expected to be:

- P12.07.03 Technical Specification Phase 3 (03/08/2015)
- OFA05.01.01:
 - Operational Service and Environment Definition Edition 3
 - Preliminary Safety and Performance Requirements Document
- P12.01.07: Technical Architecture Description of AIRPORT CC

1.4 Structure of the document

The document is structured as follows:

- **Chapter 1:** Purpose and scope; Requirements definition; Functional Block purpose and overview
- **Chapter 2:** General Functional Block description;
- **Chapter 3:** Functional Block Capabilities and non-functional requirements
- **Chapter 4:** References
- **Chapter 5:** Assumptions
- **Appendix A:** Summary of Key Performance Indicators included in the APAMS
- **Appendix B:** Traceability of the requirements with the correspondent OSED, INTEROP and SPR documents
- **Appendix C:** List of the requirements that has been deleted from the first TS.
- **Appendix D:** Traceability of the requirements of the OSED with the APAMS requirements
- **Appendix E:** Traceability of the requirements of the INTEROP with the APAMS requirements
- **Appendix F:** Traceability of the requirements of the SPR with the APAMS requirements
- **Appendix G:** List of requirements that has been updated from the first TS
- **Appendix H:** List of improvements recommended to do into the OSED document.

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1.5 Requirements Definitions – General Guidance

The requirements reported in this document have been developed according to the SESAR Requirements and V&V Guidelines [2].

This section introduces the general guidance used on writing requirements and the overview of the criteria used for breakdown structure selected by the specification writer and used in the next sections.

Each requirements identified in this document is uniquely labelled with respect to the other requirements. So it can be possible to refer it unambiguously.

The naming convention used in this document is the following:

[Object_type]-[Project_code]-[Document_code]-[Reference code]- [Reference number],

Where:

- [Object_Type] is a fixed text indicating requirement (REQ)
- [Project_code] corresponds to 12.07.03, indicating that the requirements specified are associated to P12.07.03 project
- [Document_code]: according to Requirements and V&V guidelines [2], the document code is set as TS (Technical Specification).
- [Reference code] indicates the section where the requirement is placed
- [Reference number]: a sequence number identifying the requirement into the section

The requirements have been classified in accordance with the title used in every section following the next nomenclature:

The Reference Code has been written according with the following decomposition:

- Functional characteristics:
 - REQ-12.07.03-TS-**STEE**.0001 for the **Steering** Performance service requirements
 - REQ-12.07.03-TS-**MONI**.0001 for the **Monitoring** Performance service requirements
 - REQ-12.07.03-TS-**MANA**.0001 for the **Management** Performance service requirements
 - REQ-12.07.03-TS-**PoDR**.0001 for the **Post operations** Performance service requirements
- Performance characteristics:
 - REQ-12.07.03-TS-**PeST**.0001 for the **Steering** Performance service requirements
 - REQ-12.07.03-TS-**PeMO**.0001 for the **Monitoring** Performance service requirements
 - REQ-12.07.03-TS-**PePO**.0001 for the **Post-Operations** Performance service requirements

In order to facilitate the Import and Export operations in DOORS, it is recommended to follow the layout described in [2]; details are provided in the users' manual [3].

The REQ Trace table hereafter contains the down-links to the functional block that receive the allocated requirement. There can be several down linked functional blocks for a given requirement.

The layout is illustrated below:

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[REQ]

Identifier	
Requirement	
Title	
Status	
Rationale	
Category	
Validation Method	
Verification Method	

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	Enabler code	<Full>
<SATISFIES>	<ATMS Requirement>	INTEROP or SPR Requirement Identifier	<Full>
<ALLOCATED TO>	<Functional block>	Functional block Identifier	N/A
<APPLIES TO>	<Operational Focus Area>	Operational Focus Area Identifier	N/A
<CHANGED_BECAUSE_OF>	<Change Order>	Change reference	N/A
<ALLOCATED TO>	<Project>	Project Identifier	N/A

Table 1: Requirements layout

Where:

- **Identifier:** Unique identification, above defined
- **Requirement:** Text of the requirement, images and tables can be included in this zone by means of OLE objects.
- **Title:** Requirement Title
- **Status:** Data lifecycle status
 - <In Progress> An object's initial status is "In Progress";
 - <Deleted> The status "Deleted" is used in subsequent versions to indicate that the object is not considered valid anymore
- **Rationale:** An explanation of why the object was written the way it is (it does not justify why the object is there, which is covered by a link). The explanation may include references to other studies.
- **Category:** Requirement category type
 - <Design>
 - <Functional>
 - <HMI>
 - <Interface>
 - <Interoperability>
 - <Maintainability>
 - <Operational>
 - <Performance>
 - <Reliability>
 - <Safety>
 - <Security>
 - <Metadata>

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- **Validation Method:** It corresponds to the different validation methods for the object and can have the following values (it is optional for requirements defined in DOD, IRS, TS, VP and VR documents):
 - <Dress Rehearsal>
 - <Flight Trial>
 - <Fast time Simulation>
 - <Live Trial>
 - <Real Time simulation>
 - <Shadow Mode>
 - <Gaming Technique (Agent Based Analysis)>
 - <Expert Group (Judgement Analysis)>
 - <Analytical Modelling>
- **Verification Method:** It corresponds to the different verification methods for the object and can have the following values:
 - <Review of Design>
 - <Analysis>
 - <Inspection>
 - <Test>

1.6 Functional block Purpose

According to TAD Step1-3rd Iteration [7], the APAMS system is related to the AIRPORT Capability Configuration and more particularly to the Airport Operations Plan Performance Functional Block included in the Airport Operations Centre Domain System.

The following figure shows the functional breakdown of the Airport Operations Centre Domain System to which APAMS is related through the Airport Operations Plan Performance Functional Block.

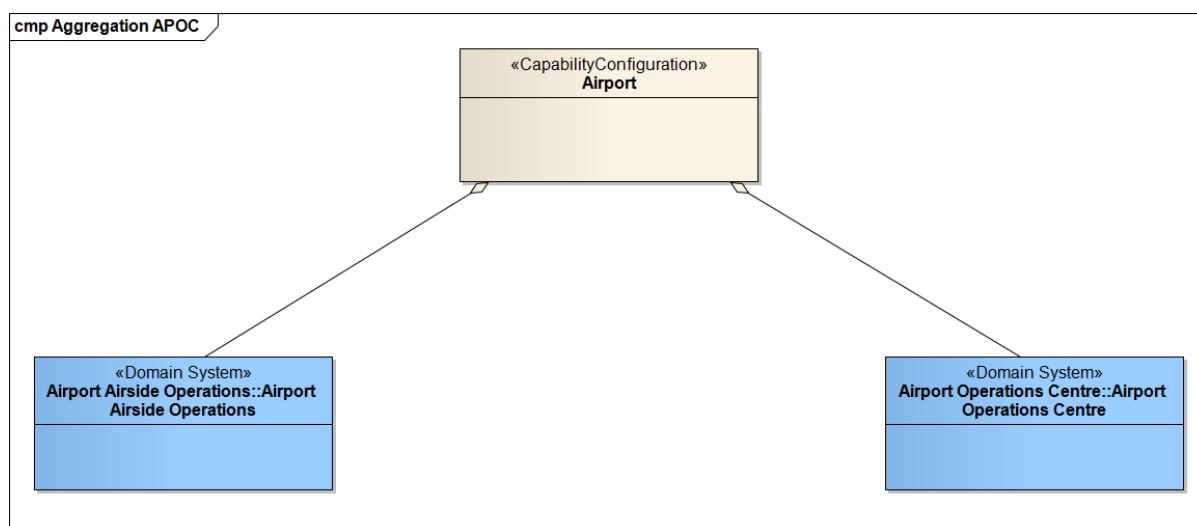


Figure 4: Airport Operations Centre Domain System

The APAMS supports the stakeholders to assess the airport's performance. It also supports the stakeholders to assess the overall impact of a deviation and hence support to find a solution. Its main function is to extract, either in real-time or from historic data, commonly agreed key performance indicators from the airport's operational data and to monitor the whole airport's productive process.

It also predicts possible productivity or quality hazards and tracks the incidents that appear. This function provides: performance KPIs and performance Alerts.

According to OSED, the APAMS covers the functions of the Airport Performance Monitoring Platform composed by "Smart" systems supporting the automated processes in the Monitor Airport Performance Service.

The Airport Performance Monitoring Platform contains a calculation/prediction capability defined by its Rules Engine, in order to make comparisons with agreed warning/alert levels and to generate and distribute warning/alert messages to the corresponding stakeholders and to publish/update those calculations/predictions (values) in the AOP (and hence, to the appropriate database).

The following figure shows the main system interfaces with other systems in the Airport Configuration Capability or Airport CC of the SESAR architecture. For this reason, in this diagram are not represented stakeholders systems or legacy systems. Airport Configuration Capability is a combination of organisational aspects (with their competencies) and equipment that combine to provide a capability. In the document, a Capability Configuration represents a recognisable set of resources (technical systems, human roles, and physical assets) derived from a generic stakeholder organisation.

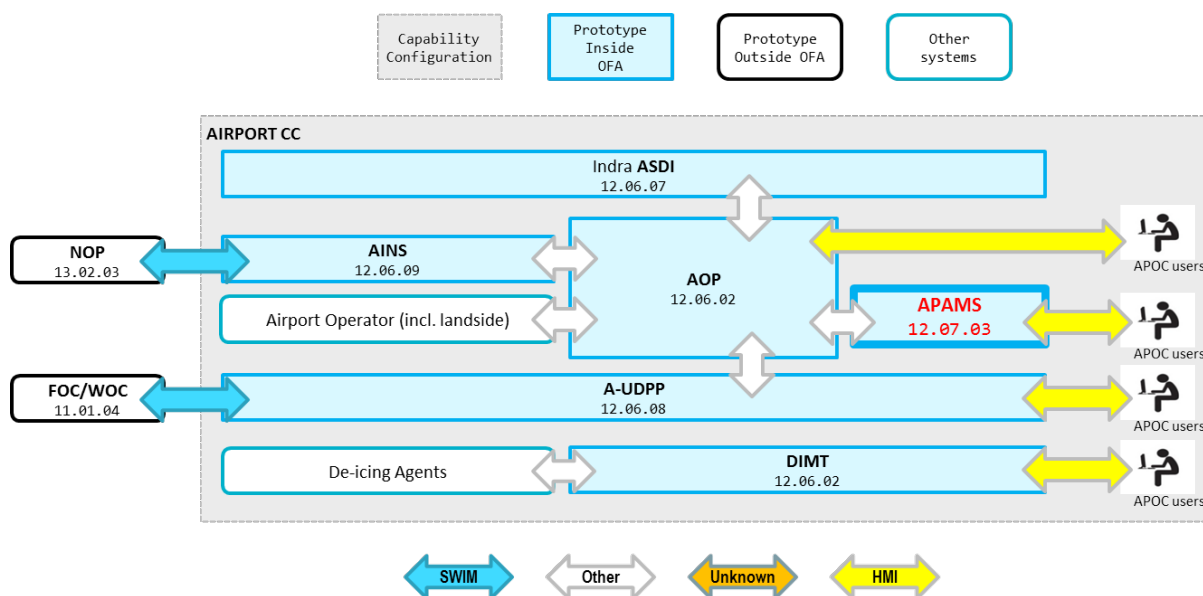
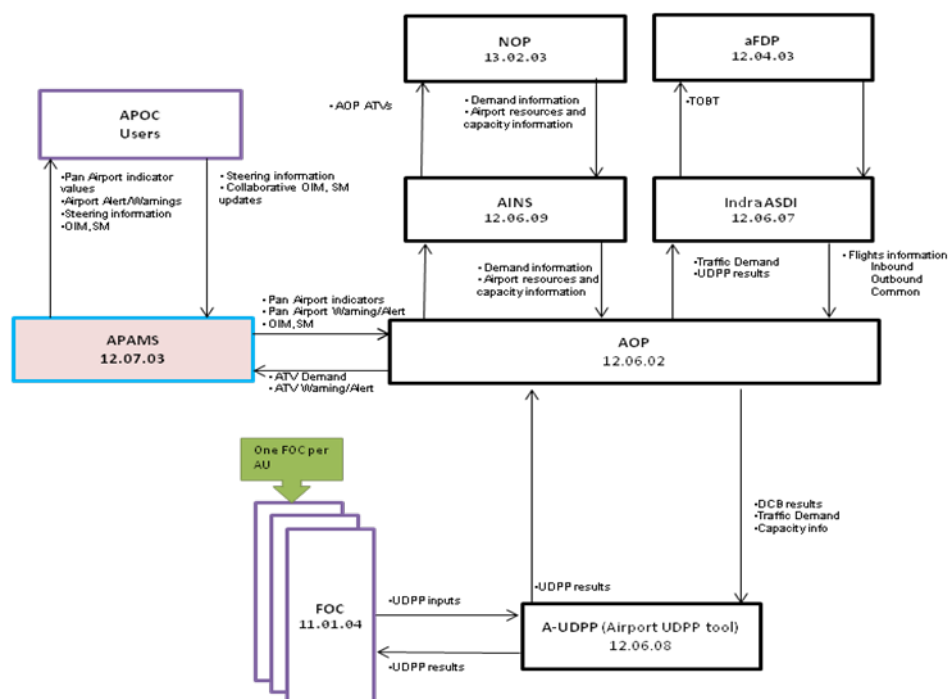


Figure 2: Airport CC systems interactions

The interactions between each prototype are specified in the next figure:



The APAMS is the technical platform for the APOC (Airport Operations Centre) concept, a multi stakeholder organisational unit, whose main objective is to manage the AOP (Airport Operations Plan) and hence the performance of the airport.

The main benefits of the APAMS are:

- A **pro-active management of the performance** of present and short-term airport operations,
- giving relevant airport stakeholders a **common operational overview** of the airport,
- and allowing them to assess the impact, to **communicate, to coordinate and to collaboratively decide** on their progress.

1.8 Glossary of terms

Term	Definition	Source
Adverse conditions	<p>Any event within the operational envelope of the airport, which has a significant negative impact on operational performance.</p> <p><i>Note:</i></p> <p><i>This definition encompasses adverse weather conditions.</i></p> <p><i>In most cases, the airport capacity will be affected. However, other Key Performance Areas may also be impacted (e.g. the predictability of operations may decrease). The consequence of adverse conditions at an airport may be arrival and departure delays and / or flight cancellations. In many cases, the ATM Network will also suffer from the disruption.</i></p>	EUROCONTROL ATM Lexicon

Term	Definition	Source
Airport Collaborative Decision Making (Airport CDM or A-CDM)	<p>A concept which aims at improving Air Traffic Flow and Capacity Management (ATFCM) at airports by reducing delays, improving the predictability of events and optimising the utilisation of resources.</p> <p><i>Note:</i></p> <p><i>Implementation of Airport CDM allows each Airport CDM Partner to optimise their decisions in collaboration with other Airport CDM Partners, knowing their preferences and constraints and the actual and predicted situation.</i></p> <p><i>The decision making by the Airport CDM Partners is facilitated by the sharing of accurate and timely information and by adapted procedures, mechanisms and tools.</i></p> <p><i>The Airport CDM concept is divided in the following Elements:</i></p> <ul style="list-style-type: none"> • Information Sharing • Milestone Approach • Variable Taxi Time • Pre-departure Sequencing • Adverse conditions • Collaborative Management of Flight Updates 	EUROCONTROL ATM Lexicon [4]
Airport Operations Centre (APOC)	<p>A platform/operational structure which pro-actively manages the performance of present and short-term airport operations, giving relevant airport stakeholders a common operational overview of the airport, and allowing them to assess the impact of a deviation, to communicate, to coordinate and to collaboratively decide on their progress.</p>	EUROCONTROL ATM Lexicon [4]

Term	Definition	Source
Airport Operations Plan (AOP)	<p>A single, common and collaboratively agreed rolling plan available to all airport stakeholders whose purpose is to provide common situational awareness and to form the basis upon which stakeholder decisions relating to process optimisation can be made.</p> <p><i>Note:</i></p> <p><i>As well as timely and accurate information, the AOP also contains a robust performance monitoring capability which allows the airport processes to be efficiently managed in real-time. Through its 'rolling' nature, the AOP will ensure that mitigation actions taken by each stakeholder will be based on accurate information with the result of their actions being reflected directly back into the AOP.</i></p>	EUROCONTROL ATM Lexicon [4]
Airport Performance Baseline	<p>An Airport Performance Baseline (APB) is the set of target values for the KPIs in the Airport Performance Framework. The structure and hierarchy is identical as for the Airport Performance Framework. The baseline is established by the Steer airport performance service and used as guidance for airport operations by the airport management service.</p> <p>It includes:</p> <ul style="list-style-type: none"> • KPIs target values. • PDIs target values. • Thresholds values. 	OFA OFA05.01.01 OSED Edition 2 [9]

Term	Definition	Source
Airport Performance Framework	<p>The Airport Performance Framework is the set of definitions and terminology describing the building blocks used by a group of the Airport community (i.e. Airport Stakeholders) to collaborate on performance management activities. This set of definitions includes the levels in the airport performance hierarchy, the key performance areas, a set of process capability areas, focus areas, performance objectives, indicators, targets, supporting metrics, lists of dimension objects, their aggregation hierarchies and classification schemes. The framework is in line with the ICAO 9883 standard document.</p> <p>It includes:</p> <ul style="list-style-type: none"> • KPIs metrics • DPIs metrics • Thresholds type (minimum, maximum or both) and number of threshold levels (1, 2, 3... levels) • Rules (trade-off criteria, priorities...) • Alerts type • Warning type <p>Current Airport Performance Framework:</p> <p>Airport Performance Framework + Airport Performance Baseline.</p> <p>Actual Airport Performance Framework:</p> <p>It includes the actual figures of the KPIs and PDIs included in the Airport Performance Framework after the execution of the plan.</p> <p>Initial Airport Performance Framework:</p> <p>It is the starting perspective for the very first Airport Performance Board. It is the Airport Performance Framework as defined in SESAR Project 06.05.01 Deliverables D05/D06 and assessed in Deliverable D07.</p>	OFA OFA05.01.01 OSD Edition 2 [9]

Term	Definition	Source
Airport Performance Monitoring Platform	<p>“Smart” systems supporting the automated processes in the Monitor Airport Performance Service. The Airport Performance Monitoring Platform contains a calculation/prediction capability defined by its Rules Engine, in order to make comparisons with agreed warning/alert levels and to generate and distribute warning/alert messages to the corresponding stakeholders and to publish/update those calculations/predictions (values) in the AOP (and hence, to the appropriate database).</p> <p>It is important to understand that the Airport Performance Monitoring Platform is part of the AOP and used all available data as a principal source of information. The Monitoring Platform is a tool to measure the actual airport processes and performance and trigger alerts/warnings to the assigned stakeholders if defined thresholds are exceeded.</p>	Project 06.05.04
OSB agreed parameters	See Current Airport Performance Concept in Airport Performance Framework.	OFA OFA05.01.01 OSED Edition 2 [9]

Term	Definition	Source
Overall Impact Message	<p>The Overall Impact Message is an output of the Assess Overall Impact process in the APOC. It describes the disruption for which the alert / warning / event report has been generated: it contains:</p> <ul style="list-style-type: none"> • Message Identifier: A unique code required for traceability with the alert / warning / event report for future post-operations analysis. • Alert Identifier: A unique code for the alert / warning allocated by the <i>Monitor Airport Performance</i> service or for the event report. Required for traceability and future post-operations analysis • Alert/Warning Code: A predefined code representing the nature of the alert / warning, as describe in the <i>Monitor Airport Performance</i> service • Alert/Warning/Event Description: A (short) description of the deviation or disruption (adverse condition) relevant to the alert / warning / event report • Probability of Occurrence: The probability of occurrence is settled by the Assess Overall Impact process, during the initial analysis of the alert / warning. • Disruption duration: Probable duration of the deviation or disruption (adverse condition) settled by the Assess Overall Impact process. • Disruption location: Gives indication where the disruption occurs. • Responsible Stakeholder: The stakeholder that is responsible to deal with the alert/warning and to take action. • Other Stakeholder: Other stakeholder(s) affected • Experience from the past: (if available) Additional information during similar situations from the past including the associated <i>Solution Message</i>. • (forecasted) Overall Impact on KPI: (forecasted) Impact on affected KPIs evaluated from the responsible stakeholders through individual systems. • Severity Level: Severity level (A, B, C or D) 	OFA OFA05.01.01 OSED Edition 2 [9]

Term	Definition	Source
Solution Message	<p>The solution message contains a complete description of the solution with all necessary information for responsible stakeholder to implement it into their systems.</p> <ul style="list-style-type: none"> • Solution Message Identifier: It is unique ID for each solution message. • Alert/Warning Identifier (consecutive number from Monitor): In order to assign the solution message to a dedicated Alert/Warning. • Overall Impact Message: Identifier In order to assign the solution message to a dedicated overall impact message • Additional Goals and Criteria (if necessary): To avoid continuous indication of alert/warning if the originally planned threshold cannot be achieved in the degraded situation. This periodically threshold will be set for a limited period of time. • Candidate solution(s): List of possible solutions retrieved from the Predefined solution table or ad-hoc defined solutions • Selected solution: Final solution to be implemented 	OFA OFA05.01.01 OSED Edition 2 [9]
Predefined Solution Table	The predefined solution table contains appropriate solutions from the past that will support the decision making process.	OFA OFA05.01.01 OSED Edition 2 [9]

1.9 Acronyms and Terminology

Term	Definition
A/C	Aircraft
AIBT	Actual In-Block Time
ALDT	Actual Landing Time
AOBT	Actual Off-Block Time
AOP	Airport Operational Plan
APAMS	Airport Performance Assessment Management Support System
APB	Airport Performance Baseline
APOC	AirPort Operational Centre
APTBFH	Alert Percentage of Terminal Building Facilities Headroom
ASDI	AMAN, SMAN AND DMAN fully integrated into CDM processes
ATC	Air Traffic Control
ATM	Air Traffic Management
ATMS	Air Traffic Management System
ATOT	Actual Take Off Time
ATTT	Actual Turn-round Time
AXIT	Actual Taxi-In Time
AXOT	Actual Taxi-Out Time
A-UDPP	Airport User Driven Prioritisation Process
CAP	Capacity
CDM	Collaborative Decision Making
DOD	Detailed Operational Description
EIBT	Estimated In-Block Time
ELDT	Estimated Landing Time
ETOT	Estimated Take Off Time
ETTT	Estimated Turn-round Time

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Term	Definition
EXE	Validation exercise
EXIT	Estimated Taxi-In Time
EXOT	Estimated Taxi-Out Time
FB	Functional Block
HMI	Human - Machine Interface
IATA	International Air Transport Association
ICAO	International Civil Aviation Organization
INTEROP	Interoperability Requirements
IOCD	Initial Operational Concept Document
IRS	Interface Requirements Specification
KPA	Key Performance Area
KPI	Key Performance Indicator
MET	Meteo
NOP	Network Operation Plan
OFA	Operational Focus Area
OIM	Overall Impact Message
OSD	Operational Service and Environment Definition
P	Project
RBT	Reference Business Trajectory
REQ	Requirement
SBT	Shared Business Trajectory
SESAR	Single European Sky ATM Research Program
SESAR Program	The program which defines the Research and Development activities and Projects for the SJU.
SIBT	Scheduled In-Block Time
SJU	SESAR Joint Undertaking (Agency of the European Commission)
SJU Work Program	The program which addresses all activities of the SESAR Joint Undertaking Agency.

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Term	Definition
SLDT	Scheduled Landing Time
SOBT	Scheduled Off-Block Time
SPR	Safety and Performance Requirements
STOT	Scheduled Take Off Time
STTT	Scheduled Turn-round Time
TAD	Technical Architecture Description
TMA	Terminal Maneuvering Area
TOBT	Target Off-Block Time
TS	Technical Specification
TTOT	Target Take Off Time
V&V	Verification and Validation
VALP	Validation Plan
WP	Work Package

2 General Functional block Description

2.1 Context

Within the ATM System, the APOC is a multi-stakeholder organisational unit for monitoring, controlling and supervision of the airport operations and performance. The APOC is supported by powerful management systems to process diverse monitoring information coming from different sources (sub-process models); to assess the impact of deviations from the plan / disruptions and to collaboratively decide on actions to be taken. The APOC coordinates the updating of the AOP by means of the stakeholders according to the taken decisions.

The APAMS is a system that collects information from other systems (AOP, NOP, ASDI, A-UDPP) mainly through the AOP, calculates indicators and assess the result by comparing values with a predefined performance framework. Depending on the results obtained after processing information and executing the appropriate logic, the APAMS is a support tool to help airport stakeholders in the decision making process to mitigate the deviations of the airport performance.

An overall view of the ATMS has been showed below, presenting the relation between APOC and other capabilities.

2.2 Functional block Modes and States

The mode characterises the way the system is operating in respect to the availability of its functions.

The prototypes can be in two different modes:

- **Operational:** In operational state, the system is designed to provide operational service despite the failure of a function. Under normal circumstances all functions are in use, and actively processing data. This mode is the operational one which is the prototype normal mode of operation.
- **Failure:** A significant set of functions necessary for the continuation of service are not available.

Transitions between these two modes can be illustrated as follows:

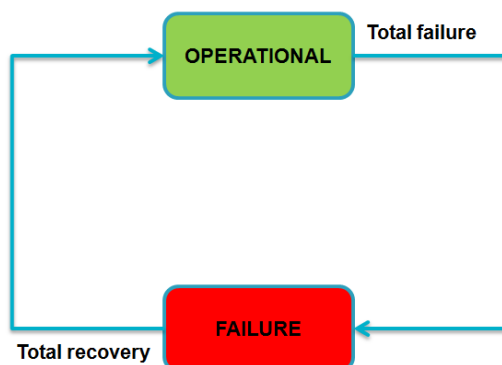


Figure 5: System Modes

The state is a technical configuration of the system. The prototypes are only considered to be started (up) or not started (down). It is not expected to have different states when the prototypes are up such as Operational, Shadow or Test.

2.3 Major Functional block Capabilities

The requirements have been grouped taking into account the structure followed in the IOCD document [8] and OFA 5.1.1 OSED document [9] and OFA OFA05.01.01 SPR document [11] where the system has been split in four services (Airport Steering Performance Service, Airport Monitoring

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Performance Service, Airport Manage Performance Service, Airport Post Operations Service) which cover the main functionalities of the APOC and a general section which details the requirements that are not supported by the services.

Inside each service, the requirements have been grouped in the different functions that compose the functionality of it. For the Monitoring performance service the requirements have been grouped by general requirements including all the rules needed for the monitoring service and by KPIs requirements for each phases (Medium/term, Execution and Post operations).

A representative diagram of the requirements breakdown structure has been detailed below:

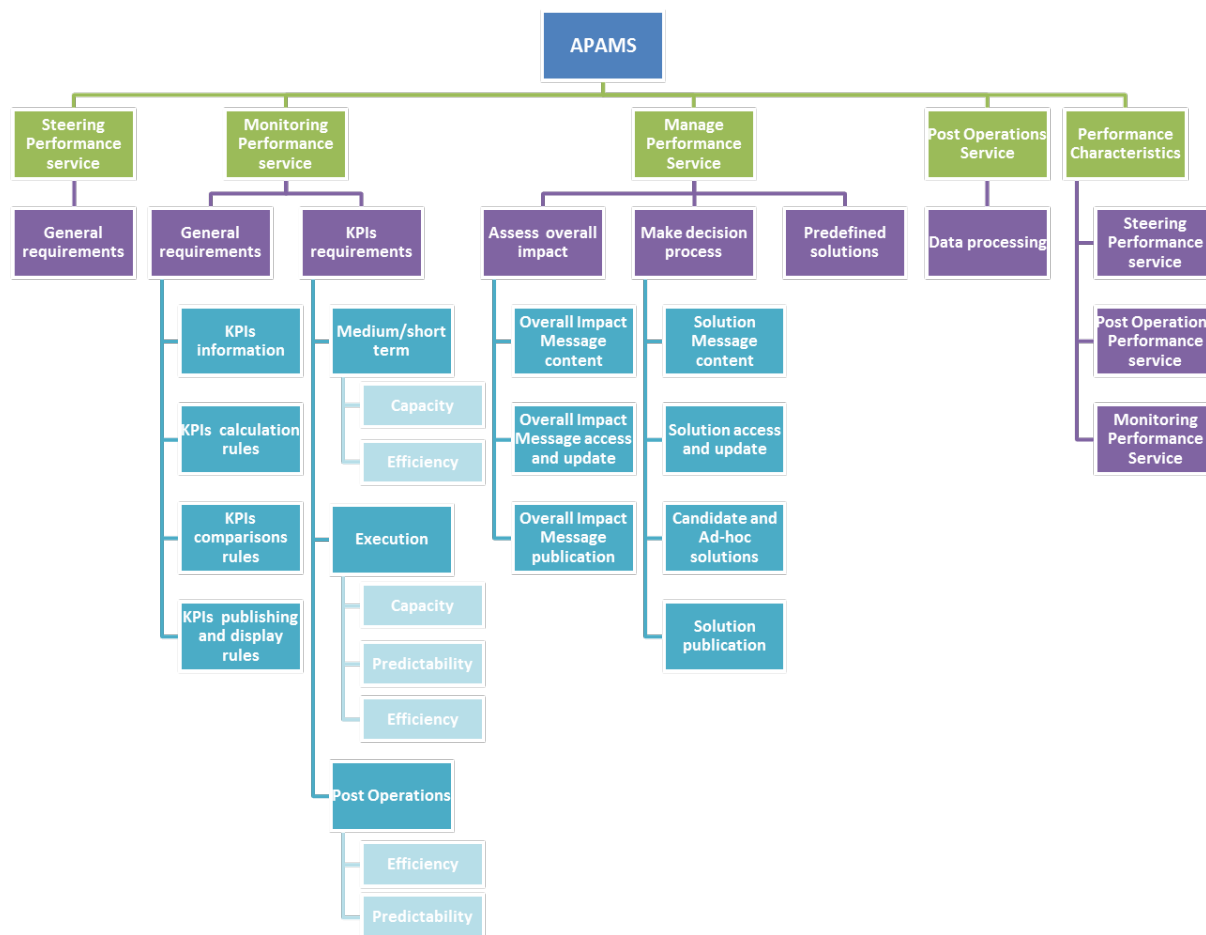


Figure 6: Requirements breakdown structure

2.4 User Characteristics

A set of specific roles for the APOC have been defined in the OSED (for more details on those roles please refer to OFA 5.1.1 OSED document [9]).

The Airport Operations Centre (APOC) is an operational management structure that permits relevant airport stakeholders to have a common operational overview and to communicate, coordinate and collaboratively decide on the progress of present and near term airport operations.

The roles have been defined depending on the Service View (more details of the services in section 2.7).

2.4.1 Steer Airport Performance Service

Administrator Airport System (AAS)

The Administrator Airport System (AAS) is the person that amends the rules, KPI targets, thresholds, alarms and warnings in the APAMS system according to the OSB agreed parameters.

The following roles does not have a direct access to the APAMS platform but they have an impact on the OSB agreed parameters.

Airport Performance Board (APB)

The Airport Performance Board (APB) is made up of board level (i.e. Strategic) representatives from the various airport stakeholders organisations. The representatives must have the ability to agree performance decisions for the airport operation and accept that the collaborative result may/may not equal strategic agreements between the airport and the individual stakeholder. As per the detail provided in table 1, representatives of the APB are expected to be the Chief Operating Officer of the company or a delegate for this position.

Operational Steering Board (OSB)

The Operational Steering Board (OSB) is made up of Operational based Managers/representatives from the airport stakeholders' organisations and will meet more regularly e.g. monthly or as it is deemed necessary by the local airport.

The Operational Steering Board (OSB) will use the high level (Strategic) agreed parameters from the Airport Performance Board (APB) and extend this to define performance metrics to be measured, the performance levels (thresholds) against which warnings / alerts are generated and the target values for the KPI/DPI included in the Current Airport Performance Framework.

Airport Steering Administrator (ASA)

The person responsible for coordinating the stakeholder representatives, the meetings and the documents (revision, supervision and distribution) needed to manage the Steer Airport Performance service.

2.4.2 Monitor Airport Performance Service

There are no roles defined for the Monitoring Performance Service as it is completely automated for the APAMS and no humans are directly involved.

2.4.3 Manage Airport Performance Service

APOC Supervisor

The APOC supervisor (short term and execution phases) will liaise with all APOC participants for the purpose of coordination and arbitration between actors in the management of the Airport Operations Plan (AOP). He will act as a final decision maker in case of issues for which no consensus has been reached. This role will mainly contribute in the Performance Management Service.

Involved Stakeholders

They are APOC participants of the Airport performance Management process and contribute to the assessment of the airport performance and decision process to resolve performance deviations. They will also be responsible to implement the appropriate actions in line with the chosen solutions in the APOC. Involved stakeholders include representatives from the airport stakeholders (Airport operator, airspace users, ANSPs, MET, ground handling, de-icing, etc.)

Responsible Stakeholder

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The stakeholder to whom alerts and warnings are assigned to. He is the one responsible to deal with these alerts and warnings and the one best placed to solve the problem and to take action.

By default, the responsible stakeholder is either the APOC supervisor or, depending on the type of event, a pre-defined stakeholder within the APOC. Depending on the process or event the responsible stakeholder may change if needed.

2.4.4 Post-Operations Analysis Service

There are no roles defined for the Post operations Analysis Service as it is completely automated for the APAMS (recording and storage of the data) and no humans are directly involved.

There are two roles that are not directly related with the APAMS itself, but relate with the recorded information for post-operations analysis service:

Post Operations Analyst

The Post Operations Analyst is an actor who belongs to either every airport stakeholder or some airport stakeholders or/and airport operator. He/she is empowered in this role by the correspondent stakeholder and has the experience to produce **Post-Operations Analysis Reports**. The Post Operations Analyst is granted to access to all and only the data he/she needs to perform his/her tasks.

If an **ad-hoc Post-Operations Analysis report** is requested by a specific airport stakeholder, the role of Post Operations Analyst may be assumed by a representative of the concerned airport stakeholder.

If an **ad-hoc Post-Operations Analysis report** is requested by the APOC Supervisor, the role of Post Operations Analyst is assumed by a representative of the Airport Operator.

In the case of **standard Post Operations Analysis reports**, the role of Post Operations Analyst is assumed either by a representative of the Airport Operator when the report is addressed to several stakeholders or by a representative of the concerned airport stakeholder.

Stakeholder concerned

Any stakeholder of the airport may be involved in the **Perform Post-Operations Analysis** service through its contribution in the indicators basing a report (recorded in the AOP). When it is identified (either by the **Post-Operations Analysis Platform** or by the Post Operations Analyst as a consequence of being related with some of the report elements), the stakeholder becomes "concerned".

2.5 Operational Scenarios

The following sections give the operational use cases (extracted from the OFA OFA05.01.01 OSED [9]) that are related to the APAMS for the following phases:

- Medium/Short term planning phase
- Execution phase
- Post-Operations phase

There are no specific use cases for the APAMS defined in the OSED [9] for the long term planning phase. However, the following activity could be used as use case for the long term phase. Once all the performance elements have been agreed, the Airport Steering Administrator builds and distributes the current Airport Performance Framework to the Administrator Airport System, who adjusts the agreed steering parameters in the APAMS.

Regarding the generation of reports in the Perform Post Operational Analysis Service, it is assumed that they are generated by commercial off-the-shelf platform. AOP prototype does not include this functionality, and therefore APAMS does not publish, send, store, etc analytics reports.

A detailed analysis has been carried out to identify which use cases defined in the OSED [9] are applicable for the APAMS. If the requirements defined in this technical specification did not cover the use cases, a comment is given in the last column of the following table:

USE CASES COVERAGE	USE CASE CODE	PROTOTYPE	TIMEFRAME	DESCRIPTION	COMMENTS
YES	UC AOM 14	AOP APAMS	Medium / Short term	Create expected Operational Airport Resources and Capabilities	These uses cases are fully covered by the APAMS Technical Specifications.
YES	UC AOM 16	AOP APAMS	Medium / Short term	Create expected Operational Airport Context	
YES	UC AOM 03	APAMS	Execution	Detect non-compliance of target performance level	
YES	UC AOM 08	APAMS	Execution	Alert the relevant stakeholder in case of significant deviation from the plan	
YES	UC 654 01a	APAMS	Execution	Analyse a performance alert and instantiate an Overall Impact Message	
YES	UC 654 01b	APAMS	Execution	Analyse a performance warning in the APOC and possible instantiation of an Overall Impact Message	
YES	UC 654 01c	APAMS	Execution	Analyse an event report and instantiate an Overall Impact Message	
YES	UC 654 01	APAMS	Execution	Analyse any deviation from the plan on APOC level from 654 01a/b/c/d and complete the Overall Impact Message	
YES	UC 654 01d	APAMS	Execution	Analyse an escalated process alert in the APOC and instantiation of an Overall Impact Message	
YES	UC 654 02	APAMS	Execution	Determine overall impact on KPIs and classify severity level	
YES	UC 661 02	APAMS	Execution	Develop an ad-hoc candidate solution for adverse condition event if no pre-defined solution is available	
YES	UC 661 03	AOP APAMS	Execution	Create and/or Update of the pre-defined solution table with a candidate solution	
YES	UC 654 03	APAMS	Execution	Acknowledgement of the Overall Impact Message and initiation of a Solution Message.	

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PARTIAL	UC AOM 13	APAMS	Medium / Short term	Refinement of Steering Parameters	This use case is related to the APAMS but does not fully cover the operational requirements. Post Operations Analysis Reports are not generated by APAMS..
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Table 2: Use cases coverage

2.6 Functional

2.6.1 Functional decomposition

The APAMS has been divided in seven functions:

- **Define Current Airport Performance Framework:** The objective of this component is to establish the performance thresholds and performance targets of the airport as well as the system parameters in order to evaluate the performance of the airport.

On receipt of the agreed Performance Framework and Performance Baseline, The Administrator Airport System will adjust all the parameters in the APAMS

- **Compute Airport performance indicators:** The APAMS gathers the necessary data from the AOP and continuously evaluate and/or forecast indicators based on the selection and algorithms from Current Airport Performance Framework defined through the Steer Airport Performance service. These indicators are pan-airport KPIs.

This functionality is automatically done by the APAMS.

- **Assess Deviation:** The APAMS compares, on one hand, the values of monitored KPIs with the set of thresholds and target values defined in the Current Airport Performance Framework and, in the other hand; it compares the actual values of the operation day with the planned values

This functionality is automatically done by the APAMS.

- **Raise Alert / Warning:** The APAMS triggers the appropriate level of alert / warning, based on the findings of Airport Deviation Assessment (Assess Deviation process in figure above), informing the relevant stakeholder and prompting him/her to react when necessary and/or triggering the Manage Airport Performance service.

This functionality is automatically done by the APAMS.

- **Assess Overall Impact:** This functionality shall permit to define the severity levels of the raised warnings and alerts defined directly by the APOC supervisor and the involved stakeholders.

Once an alert or warning has been issued a message is sent to the assigned stakeholder. The assessment process begins in which the Overall Impact Message is completed in a collaborative manner with additional involved stakeholders to decide the impact, the severity of the issue...etc. If there is not an agreement, the APOC supervisor will have the final decision

- **Make decision:** Once the Overall Impact Message is published, a solution has to be found between all involved stakeholders in a collaborative manner. During the process a set of pre-defined solutions are available to include in the Solution Message. In case a pre-defined solution is not valid or there none available for the present issue, a new solution can be developed and proposed

- **Record Airport Performance Data:** The objective of this component is to record performance data.

It is possible for the different APOC supervisors having access rights defined in the Steering to view and extract data recorded in the AOP.

A picture showing the functionalities of the APAMS system and the related services in which they are included can be seen below (the different services are described in section 2.7):

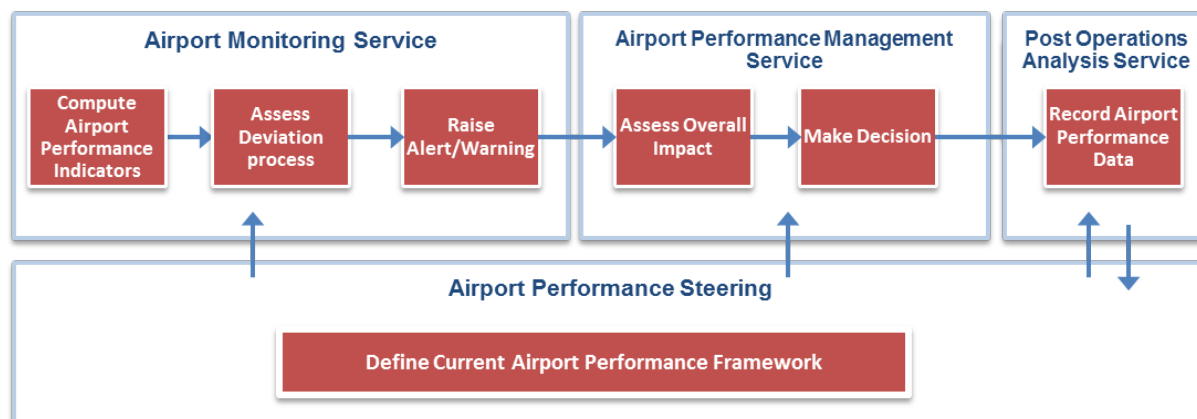


Figure 7: Functional decomposition and their relations

2.6.2 Functional analysis

The objectives of the Airport Operations Plan Performance Functional Blocks are:

- Establish the performance thresholds and performance targets for the airport;
- Monitor defined KPIs on the performance of the airport;
- Provide the airport performance figures and opportunities of improvement.

The following figures, extracted from the According to TAD Step1-3rd Iteration [7], give an overview of the Functional Block interfaces within its Domain System

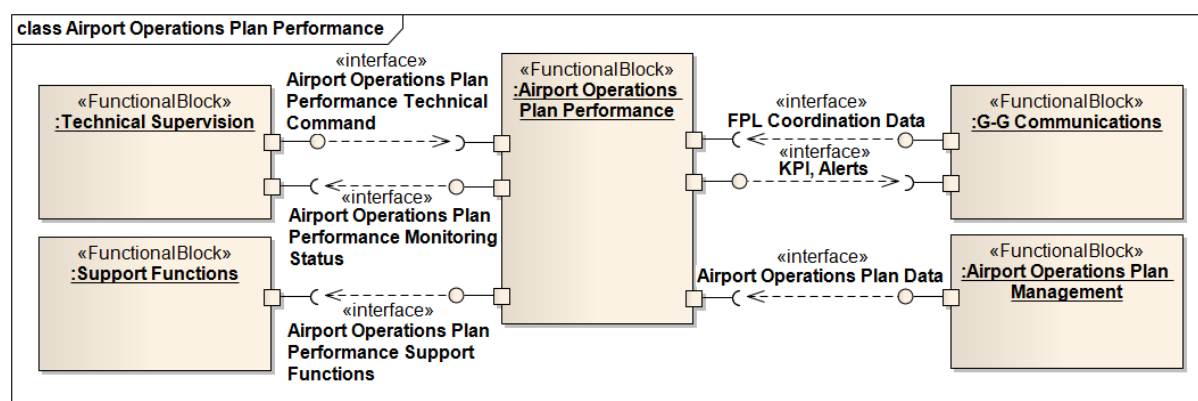


Figure 3. Airport Operations Plan Performance's interface in the Airport Operations Centre Domain System

2.7 Service View

According to OFA OFA05.01.01 OSED document [9], the SESAR Airport Operations Management concept can be described around the four following operational services:

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- Steer Airport Performance service;
- Monitor Airport Performance service;
- Manage Airport Performance service;
- Perform Post-Operations Analysis service.

It is important to differentiate between the AOP and the APAMS. The first one is the principal source of information used by all the airport stakeholders whereas the second one is a tool that supports the monitoring and the management of the actual airport performance using the information included in the AOP in order to provide alerts/warnings to the assigned stakeholders and to enhance the common situation awareness. To differentiate what is done specifically by the APAMS, please read section 2.6 Functional analysis.

Figure 4 provides a high level functional view of these services.

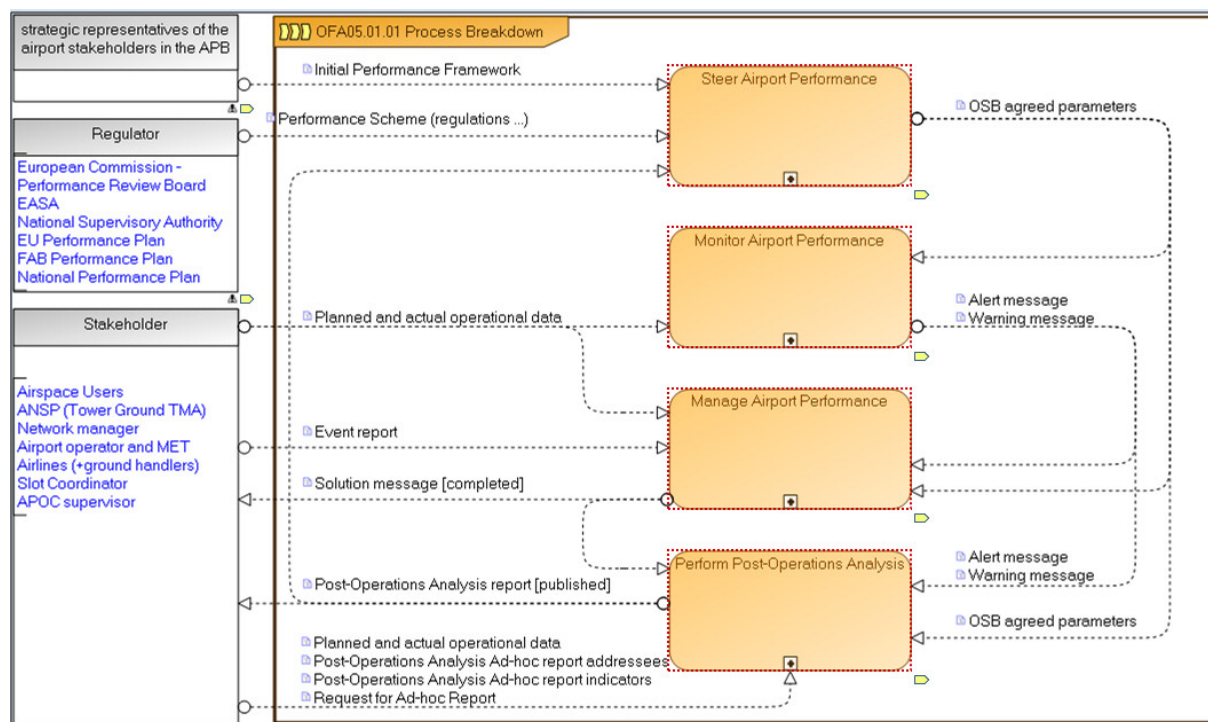


Figure 4. OFA OFA05.01.01 – high level process breakdown

2.7.1 Steer Airport Performance Service

The Steer Airport Performance service is the service that develops the performance standard (i.e., goals, targets, rules, thresholds, trade-off criteria and priorities) for airport operations and sets an overall strategic direction. Airport stakeholders develop a mutually agreed performance standard in a collaborative manner on the basis of the performance regional and/or national scheme(s) and post operations analysis reports. The Steer Airport Performance service is mainly performed in the long-term planning phase and the post-operations phase but also in the medium-term planning phase.

2.7.2 Monitor Airport Performance Service

The Monitor Airport Performance service is the service that maintains surveillance over airport operations, airport performance (against KPAs), airport environment (e.g. weather monitoring), supervising airport related information and any information that can impact the airport performance, providing observations, forecasts, alerts and warnings against predefined thresholds. It is performed from the medium term planning phase until the execution phase.

This surveillance is based on the performance standard set by the Steer Airport Performance service. The Monitor Airport Performance service compares any new information created or updated in the AOP with the plan and raises warnings or alerts if a deviation is detected.

The Monitor Airport Performance service also provides the airport stakeholders with a common situational awareness of the airport operations processes and performance in real time.

2.7.3 Manage Airport Performance Service

The AOP will be instantiated at the beginning of the medium term planning phase. This instantiation establishes a first draft of the AOP within the defined limits of the airport capabilities. It uses the operational data provided by the airport stakeholders and the performance standard defined by the Steer Airport Performance service. During the medium term phase the AOP will be continuously adapted due to deviations of resources to ensure a balanced plan can be transferred to the short term phase.

In the short term planning phase and the execution phase, the Manage Airport Performance service also assesses the severity of the deviations from the plan detected by the Monitor Airport Performance service and their impact on the airport processes and on the airport performance. The assessment is not only for searching for reactive solutions but also for forecasting severe disruptions or adverse conditions and, hence, to implement a proactive management. It uses the warnings and alerts and more generally the data contained in the AOP to make this impact assessment. It also uses event reports from the stakeholders to perform the impact assessment.

Depending on the magnitude of the deviation and the severity of the impact on the airport processes and on the airport performance, the Manage Airport Performance service triggers the relevant collaborative decision making processes. In particular in adverse conditions, these processes take place in the APOC, where the representatives of the airport stakeholders can use simulation and decision support tools. The decisions are driven by the need to maintain an optimal performance level and to recover from a disruption as quickly and efficiently as possible. These processes result in an update of the AOP, made by the relevant airport stakeholders.

2.7.4 Perform Post Operations Analysis Service

The Perform Post-Operations Analysis service records any planned and actual data used in the airport processes during the planning and execution phases.

3 Functional block Functional and non-Functional Requirements

3.1 Capabilities

3.1.1 Manage Performance Service Requirements

3.1.1.1 Assess Overall Impact

3.1.1.1.1 Overall Impact Message content

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0015
Requirement	The responsible stakeholder can trigger the instantiation of an Overall Impact Message for each performance warning issued by APAMS.
Title	Warning analysis
Status	<Validated>
Rationale	Message instantiation in the moment the warning is raised to be able to analyse impact
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1000	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-AOIP.0001	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0021
Requirement	The responsible stakeholder can trigger the instantiation of an Overall Impact Message for each performance alert issued by APAMS.
Title	Alert analysis
Status	<Validated>
Rationale	Message instantiation in the moment the alert is raised to be able to analyse impact
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1000	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-AOIP.0001	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MANA.5147
Requirement	The responsible stakeholder can trigger the instantiation of an Overall Impact Message for each event or MET report issued by APAMS.
Title	Event analysis
Status	<Validated>
Rationale	Message instantiation in the moment the event is raised to be able to analyse impact
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1060	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-AOIP.0003	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0034
Requirement	The Overall Impact Message shall contain the Message Identifier item which must be a unique alphanumeric value
Title	Overall Impact Message content
Status	<Validated>
Rationale	Message Identifier in the Overall Impact Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1100	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0039
Requirement	The Message Identifier item shall be filled automatically by the APAMS when the Overall Impact Message is instantiated
Title	Overall Impact Message content
Status	<Validated>
Rationale	Message Identifier content should be created automatically by the system
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1030	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MANA.0044
Requirement	The Overall Impact Message shall contain an Alert/Warning/Event Identifier item that must be a unique alphanumeric value
Title	Overall Impact Message content
Status	<Validated>
Rationale	Alert Identifier in the Overall Impact Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0121
Requirement	The Alert/Warning/Event Identifier item shall be provided by the APAMS
Title	Overall Impact Message content
Status	<Validated>
Rationale	Alert Identifier content source
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1201	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0049
Requirement	The Overall Impact Message shall contain an Alert/Warning/Event code item. This code is a predefined alphanumeric value.
Title	Overall Impact Message content
Status	<Validated>
Rationale	Alert/Warning Code in the Overall Impact Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
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<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MANA.0122
Requirement	The Alert/Warning/Event code item shall be provided by the APAMS
Title	Overall Impact Message content
Status	<Validated>
Rationale	Alert/Warning code content source
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0054
Requirement	The Overall Impact Message shall contain a textual Alert/Warning/Event Description item.
Title	Overall Impact Message content
Status	<Validated>
Rationale	Alert/Warning Event Description in the Overall Impact Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1203	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0059
Requirement	The Overall Impact Message shall contain a Probability of Occurrence item. This value is a percentage.
Title	Overall Impact Message content
Status	<Validated>
Rationale	Probability of Occurrence in the Overall Impact Message, giving detail of the probability of occurrence of this situation
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1204	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0064
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Requirement	The Overall Impact Message shall contain a Disruption Duration field. This item shall contain the date and time of the beginning of the impact and the date and time of the end of the impact.
Title	Overall Impact Message content
Status	<Validated>
Rationale	Disruption Duration in the Overall Impact Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1205	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0069
Requirement	The Overall Impact Message shall contain a Disruption Location item. This is a textual description giving details about the place where the disruption occurs.
Title	Overall Impact Message content
Status	<Validated>
Rationale	Disruption Location in the Overall Impact Message, for example, runways, TMA, stands...etc
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1206	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0074
Requirement	The Overall Impact Message shall contain a Responsible Stakeholder item. This is the identification of the stakeholder that is responsible to deal with the performance alert/warning/event.
Title	Overall Impact Message content
Status	<Validated>
Rationale	Responsible Stakeholder in the Overall Impact Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1207	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.07.03	N/A
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[REQ]

Identifier	REQ-12.07.03-TS-MANA.0127
Requirement	The Responsible Stakeholder shall be provided by the APAMS
Title	Overall Impact Message content
Status	<Validated>
Rationale	Responsible Stakeholder code content source
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0079
Requirement	The Overall Impact Message shall contain a Other Stakeholders item. This is a list of involved stakeholders produced by the responsible stakeholder once the Overall Impact Message has been instantiated
Title	Overall Impact Message content
Status	<Validated>
Rationale	Other Stakeholders in the Overall Impact Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1208	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0084
Requirement	<p>The Overall Impact Message shall contain an Experience from the past item. It will be a list of the following information:</p> <ul style="list-style-type: none"> - Overall Impact Messages - Solution Messages - Post operations analysis <p>Containing the same alert code being as the present collaborative decision making process</p>
Title	Overall Impact Message content
Status	<Validated>
Rationale	<p>Experience in the Overall Impact Message; This collects information about past situations that may be relevant, including scenarios, solutions applied...etc</p> <p>The APAMS will not do the analysis and will not provide screens to do it, the analysis displayed is pre-charged in the prototype.</p>
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1209	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0089
Requirement	The Overall Impact Message shall contain a Forecasted KPI Impact item. This will be a list of affected KPIs, with the following information: - Impact (numeric value) - Start - End date/time
Title	Overall Impact Message content
Status	<Validated>
Rationale	Forecasted KPI Impact in the Overall Impact Message to determine if and to which degree there will be an impact also on other performance indicators
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP. 4000	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP. 4010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1300	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0096
Requirement	The Overall Impact Message shall contain a Severity Level item. The four available values to categorize the severity will be, from least severe to most: A, B, C, D
Title	Overall Impact Message content
Status	<Validated>
Rationale	Severity Level in the Overall Impact Message to determine the gravity of the situation. Severity level assigned to the Alert/warning issued can be chosen among four different levels, from level A to level D according to the seriousness of the situation. .
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1400	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MANA.7888
Requirement	The Overall Impact Message shall contain a Message Status with values Active, Cancelled and Completed. The Active status means that the OIM has been initialized, Cancelled that the responsible stakeholder or APOC supervisor has Cancelled the message, and Complete means that the OIM has been published.
Title	Overall Impact Message content
Status	<Validated>
Rationale	Message Status in the Overall Impact Message to determine the Collaborative Process Status
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.1020	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.1.1.2 Overall Impact Message access and content update

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0105
Requirement	The Overall Impact Message shall be editable to allow both the responsible stakeholder and APOC supervisor to modify its content according to their own or the involved stakeholders contributions
Title	Overall Impact Message completion
Status	<Validated>
Rationale	The Overall Impact Message should be editable to allow all affected stakeholders to insert information
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.6010	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-AOIP.0002	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-AOIP.0008	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0158
Requirement	The APAMS shall allow all stakeholders involved in a collaborative decision making process to retrieve Overall Impact Messages, Solutions Messages and Post-Operations Analysis from performance alert/warning/events raised in the past with the same code as in the present performance alert/warning/event.
Title	Alerts/Warnings historic data access
Status	<Validated>

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Rationale	Historic data regarding alert/warning past occurrences should be available for consultation. The APAMS will not do the analysis and will not provide screens to do it, the analysis displayed is pre-charged in the prototype.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.3020	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0013	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-AOIP.0006	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.1933
Requirement	The APAMS shall allow the responsible stakeholder to have access to relevant information of additional stakeholders (code and description)
Title	Information Access
Status	<Validated>
Rationale	The purpose is to investigate if additional stakeholders may be involved
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.2010	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.1938
Requirement	The APAMS shall allow all involved stakeholders to have access to the same information regarding the description of the performance alert/warning/event issued.
Title	Information access
Status	<Validated>
Rationale	Alert or warning related information access
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.2020	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.7884
Requirement	The Overall Impact Message shall be able to be sent by the APOC Supervisor or the responsible stakeholder after each update until the

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	Solution Message is published.
Title	Send OIM
Status	<Validated>
Rationale	OIM shall be sent to other stakeholders when the responsible update any field and send it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.5045	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.7885
Requirement	The Overall Impact Message shall be provided to all involved stakeholders when the responsible update any field and send it.
Title	OIM update notification
Status	<Validated>
Rationale	All stakeholders shall know the up to date content of the OIM
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.5046	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.7889
Requirement	The Overall Impact Message shall be updated by the responsible stakeholder or APOC Supervisor although the Solution Message was started, and before the publication of the OIM.
Title	OIM update
Status	<Validated>
Rationale	All stakeholders shall know the up to date content of the OIM
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.5046	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.7886
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Requirement	The Overall Impact Message shall be able to be cancelled by the APOC Supervisor or the responsible stakeholder.
Title	Cancel OIM
Status	<Validated>
Rationale	The OIM shall be cancelled after this action.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.5060	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.1.1.3 Overall Impact Message publication

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0164
Requirement	The responsible stakeholder or the APOC Supervisor shall publish the Overall Impact message when it is completed
Title	Overall Impact Message publish
Status	<Validated>
Rationale	Depending of the severity level and alert/warning seriousness
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.7010	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.5050	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.7000	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1000	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.7887
Requirement	The Overall Impact Message shall be published once
Title	Overall Impact Message publish
Status	<Validated>
Rationale	Avoid multiple OIMs for the same Collaborative Process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.5070	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-AOIP.1000	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.1.2 Make decision process

3.1.1.2.1 Solution Message content

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0208
Requirement	The APAMS shall instantiate a Solution Message once the Overall Impact Message has been launched. This instantiation will be based on the content of the Overall Impact Message and be always available while completing the Solution Message
Title	Solution Message instantiation
Status	<Validated>
Rationale	Solution Message shall be instantiated automatically on reception of the Overall Impact Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSD-MDEC.0100	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-MDEC.0001	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0308
Requirement	The APOC Supervisor shall have complete access to all information related to the performance Alert/Warning/Event code from the Overall Impact Message from all involved stakeholders
Title	Overall Impact Message access
Status	<Validated>
Rationale	The APOC Supervisor must have complete access to both the Overall Impact Messages and the information related to the Alert/Warning codes issued involving all stakeholders. Each involved stakeholder can contribute with his own point of view, referred to the same IOM, not on a particular instance of OIM for everyone,
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSD-ADCO.0014	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0172
Requirement	The Solution Message shall contain a Solution Message Identifier item
Title	Solution Message content

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Status	<Validated>
Rationale	The Solution Message identifier is mandatory to track the Alert/warning analysis through all the process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.0110	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MDEC.5001	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0238
Requirement	The Solution Message Identifier item in the Solution Message shall be a unique alphanumerical code.
Title	Solution Message content
Status	<Validated>
Rationale	Solution Message has a unique identifier to allow future consultations on the particular alert code
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.0110	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0183
Requirement	The Solution Message shall contain a Alert/Warning/Event Identifier item
Title	Solution Message content
Status	<Validated>
Rationale	Alert/Warning Identifier to identify the issue to solve
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.0110	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MDEC.5002	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.1729
Requirement	The Alert/Warning/Event Identifier item in the Solution Message shall be the same to the Alert/Warning/Event Code field in the Overall Impact Message

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Title	Solution Message content
Status	<Validated>
Rationale	Solution Message and Overall Impact Message shall be linked through an identifier present in both messages
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.0110	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.6013	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0188
Requirement	The Solution Message shall contain a Overall Impact Message Identifier item
Title	Solution Message content
Status	<Validated>
Rationale	Overall Impact Message identifier to track the Solution Message with the Impact Message that caused the instantiation
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.0110	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MDEC.5003	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0193
Requirement	The Solution Message shall contain a Additional Goals and Criteria item
Title	Solution Message content
Status	<Validated>
Rationale	Additional goals and criteria added if necessary to avoid the continuous flow of alerts until the problem is solved
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.0110	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MDEC.5006	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0198
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Requirement	The Solution Message shall contain a Candidate Solutions item
Title	Solution Message content
Status	<Validated>
Rationale	Candidate Solutions proposed for the alert/warning issued (máximun three for each stakeholder)
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.0110	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MDEC.3000	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MDEC.4000	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MDEC.5005	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0203
Requirement	The Solution Message shall contain a Agreed Solution item
Title	Solution Message content
Status	<Validated>
Rationale	Selected Solution chosen among the candidates
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.0110	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MDEC.5004	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.1.2.2 Solution Message access and content update

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0228
Requirement	The APAMS shall allow the APOC supervisor or the responsible stakeholder the adjustment of predefined temporal goals / criteria
Title	Predefined temporal goals
Status	<Validated>
Rationale	APOC can manage additional goals and criteria as necessary
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.2610	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-MDEC.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-MDEC.0003	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0233
Requirement	The Additional Goals and Criteria shall have temporal validity
Title	Predefined temporal additional goals
Status	<Validated>
Rationale	Additional goals and criteria have temporal validity
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.2600	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0278
Requirement	The APAMS shall allow the APOC supervisor or the responsible stakeholder to update the selected solution
Title	Solution Message edition
Status	<Validated>
Rationale	Solution Message shall be editable until publication to allow APOC and involved stakeholders to amend, correct and update when necessary
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.6016	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-MDEC.0008	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0213
Requirement	The APAMS shall allow access to the Overall Impact Message once published to all involved stakeholders in order to have the same information to agree on a suitable solution that shall be described in the Solution Message
Title	Overall Impact Message access
Status	<Validated>
Rationale	To complete the solution Message, access to the Overall Impact Message is mandatory to the involved stakeholders to ensure they all handle the same information
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.1000	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-MDEC.0006	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0273
Requirement	All involved stakeholders shall be able to select a maximum of three candidate solutions from the Predefined Solution Table
Title	Candidate Solutions
Status	<Validated>
Rationale	Involved stakeholders can add a limited number of candidate solutions in the Solution Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.3011	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-MDEC.0004	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.1763
Requirement	The predefined solutions chosen by the involved stakeholders shall be added as candidate solutions in the Solution message
Title	Candidate Solutions
Status	<Validated>
Rationale	Involved stakeholders can add a limited number of candidate solutions in the Solution Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.3016	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.1.2.3 Candidate Solutions and Ad-hoc solutions

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0283
Requirement	All involved stakeholders shall be able to define new ad-hoc solutions
Title	Ad-hoc solutions
Status	<Validated>
Rationale	New ad-hoc solutions can be defined if the contents of the Predefined Solutions Table is not valid for the present situation
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.3014	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-MDEC.0011	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0288
Requirement	The new defined ad-hoc solutions shall be inserted in the Solution Message as candidate solutions
Title	Ad-hoc solutions
Status	<Validated>
Rationale	The new ad-hoc solutions defined have to be inserted in the Solution Message as candidate solutions
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.3015	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.1943
Requirement	The APAMS shall allow all involved stakeholders to update the impact of candidate solutions
Title	Candidate Solutions
Status	<Validated>
Rationale	Evaluation of candidate solutions impact on each stakeholders systemson each stakeholders system
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.5030	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.1948
Requirement	The APAMS shall allow all involved stakeholders and APOC supervisor access to the impact of candidate solutions
Title	Candidate Solutions
Status	<Validated>
Rationale	Access of candidate solutions impact
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.5050	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-MDEC.0005	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0268
Requirement	Both APOC supervisor and involved stakeholders shall have access to the Predefined Candidate Solutions table
Title	Predefined Solution Table Access
Status	<Validated>
Rationale	APOC and involved stakeholders have to propose a solution to the issue being analysed at the present moment
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.3010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-MDEC.0004	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.1.2.4 Solution publication

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0293
Requirement	The APAMS shall allow the publication of the Solution Message when it is completed by the responsible stakeholder or APOC supervisor
Title	Solution Message publication
Status	<Validated>
Rationale	Upon completion of the Solution Message, this has to be made public
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.6014	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MDEC.5000	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.1.3 Predefined solutions

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0263
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Requirement	The APAMS shall allow describing predefined candidate solutions for each stakeholder to apply for the performance alert/warning/event being under assessment.
Title	Predefined Solution Table
Status	<Validated>
Rationale	Predefined Solutions Table contains solutions for several alerts and warnings happened in the past and that serve as a source of information
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.3000	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0313
Requirement	The Predefined Solution Table shall contain a Stakeholder Name item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary information to document a candidate solution. In this case, the stakeholder name that developed the solution to solve the alert / warning
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1002	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0314
Requirement	The Predefined Solution Table shall contain a Cancel Flight item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary to document a candidate solution. This information details a predefined solution that involves cancellation of flights
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1003	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MANA.0315
Requirement	The Predefined Solution Table shall contain a Delay Flight item (numeric format).
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. This information details a predefined solution that involves a delay in flights
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1004	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0316
Requirement	The Predefined Solution Table shall contain a Change TOBT item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. This information details a predefined solution that involves a change in the TOBT
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1005	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0317
Requirement	The Predefined Solution Table shall contain a Change TSAT item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. This information details a predefined solution that involves a change in the TSAT
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1006	<Partial>

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<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0318
Requirement	The Predefined Solution Table shall contain a Change TTOT item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. This information details a predefined solution that involves a change in the TTOT
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1007	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0319
Requirement	The Predefined Solution Table shall contain a Change TTA item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. This information details a predefined solution that involves a change in the TTA
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1008	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0320
Requirement	The Predefined Solution Table shall contain a Repositioning item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. This information details a predefined solution that involves a repositioning of an aircraft
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1009	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0321
Requirement	The Predefined Solution Table shall contain a Other Information item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. This information details an alternative predefined solution which includes other actions besides the change of the predefined fields included by default on the table
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1010	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0322
Requirement	The Predefined Solution Table shall contain a Comments item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. This information details additional information to describe the predefined solution
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1011	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0323
Requirement	The Predefined Solution Table shall contain a Alert/Warning Code item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. Alert/Warning code of the Overall Impact Message
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-SPR-ADCO.1012	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0324
Requirement	The Predefined Solution Table shall contain a Alert/Warning Description item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. Description of the alert/warning
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1013	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0325
Requirement	The Predefined Solution Table shall contain a Candidate Solutions item
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table necessary fields to document a candidate solution. ID of the Candidate Solution
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0015	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1014	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.1953
Requirement	The Predefined Solution Table shall be recorded in the AOP
Title	Predefined Solution Table content
Status	<Validated>
Rationale	Predefined Solution Table content
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0011	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0298
Requirement	The Predefined Solution Table contents shall be updated by all stakeholders and APOC Supervisor, updating each stakeholder its own list of predefined solutions.
Title	Predefined Solution Table
Status	<Validated>
Rationale	Predefined Solution Table has to be updated continuously with new information of solutions applied to different situations of disruptions
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ADCO.1001	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MANA.0303
Requirement	Every stakeholder shall have access only to their own set of records in the Predefined Solution Table
Title	Predefined Solution Table access restrictions
Status	<Validated>
Rationale	The Predefined Solutions Table has restricted access
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0012	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2 Monitoring Performance Service Requirements

3.1.2.1 Monitoring Performance Service general requirements

3.1.2.1.1 Key Performance Indicators information

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.1802
Requirement	The APAMS will provide, according to the configuration established in the Airport Performance Steering Service the following information associated to each calculated KPI: - Thresholds - KPI description
Title	Input data accessible for calculations
Status	<Validated>
Rationale	Key Performance Indicators need some data provided by sources, such as the AOP and the Airport Steering Performance Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0010	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0180	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5285
Requirement	The list of necessary data to calculate the Key Performance Indicators shall be available in the APAMS
Title	Calculations input data
Status	<Validated>
Rationale	Key Performance Indicators need that some data provided by sources, such as the AOP and the Airport Steering Performance Service, is visible
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0010	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5137
Requirement	The APAMS shall allow real time access to the KPIs and KPAs data
Title	Real time access to users data
Status	<Validated>
Rationale	The users have access, according to the access rights established, to the KPIs and KPAs data
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0010	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0010	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0020	<Partial>

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<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1863
Requirement	The APAMS shall have for each Key Performance Indicator a data label to identify the indicator as defined by the Airport Performance Steering service
Title	Key performance Indicators basic information
Status	<Validated>
Rationale	Key performance Indicators need a suitable label to inform of the kind of information calculated
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0020	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1866
Requirement	The APAMS shall have for each Key Performance Indicator a threshold value defined in the Airport Performance Steering Service to determine whether the calculated value triggers an alert
Title	Key performance Indicators basic information
Status	<Validated>
Rationale	Key performance Indicators need a threshold level to compare the calculated value with in order to know whether to raise an alarm
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0020	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1867
Requirement	The APAMS shall have for each Key Performance Indicator a threshold value defined in the Airport Performance Steering Service to determine whether the calculated value triggers a warning
Title	Key performance Indicators basic information
Status	<Validated>
Rationale	Key performance Indicators need a threshold level to compare the calculated value with in order to know whether to raise an alarm
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0020	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1899
Requirement	The APAMS shall have for each Key Performance Indicator a time period of calculation in the Execution Planning time frame defined in the Airport Performance Steering Service
Title	Key performance Indicators basic information
Status	<Validated>
Rationale	Each Key Performance Indicator has to be calculated in regular interval periods
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0020	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1900
Requirement	Each Key Performance Indicator shall have an assigned stakeholder defined in the Airport Performance Steering Service who should receive a notification message in case any warning is triggered
Title	Key performance Indicators basic information
Status	<Validated>
Rationale	Each Key Performance Indicator has to have an assigned stakeholder who will receive the messages related to issues related to the performance indicator
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0200	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1901
Requirement	Each Key Performance Indicator shall have an assigned stakeholder defined in the Airport Performance Steering Service who should receive a notification message in case any alert is triggered
Title	Key performance Indicators basic information
Status	<Validated>
Rationale	Each Key Performance Indicator has to have an assigned stakeholder who will receive the messages related to issues related to the performance indicator

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0200	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1918
Requirement	Each Key Performance Indicator shall have a warning code defined in the Airport Performance Steering Service for identification purposes when the warning is raised
Title	Key performance Indicators basic information
Status	<Validated>
Rationale	Warning code to identify the alarm when raised
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0020	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1919
Requirement	Each Key Performance Indicator shall have a warning code defined in the Airport Performance Steering Service for identification purposes when the alert is raised
Title	Key performance Indicators basic information
Status	<Validated>
Rationale	Alert code to identify the alarm when raised
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0020	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1809
Requirement	The APAMS shall have a calculation rule for each Key Performance Indicator
Title	Calculation formulas for indicators
Status	<Validated>
Rationale	Every Key Performance Indicator has a pre-defined calculation formula

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0030	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3753
Requirement	The APAMS shall have a comparison rule for each Key Performance Indicator to trigger alerts when the configured thresholds are exceeded
Title	Alert comparison rule
Status	<Validated>
Rationale	Every Key Performance Indicator has a pre-defined alert comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3754
Requirement	The APAMS shall have a comparison rule for each Key Performance Indicator to trigger warnings when the configured thresholds are exceeded
Title	Warning comparison rule
Status	<Validated>
Rationale	Every Key Performance Indicator has a pre-defined warning comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1963
Requirement	The APAMS shall provide pan-airport alerts with the same highlight and color rules regarding the seriousness of the alarm raised
Title	Key Performance Indicators alerts display
Status	<Validated>
Rationale	The Monitoring Service shall include global performance alerts
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0210	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0170	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1973
Requirement	The APAMS shall provide pan-airport warnings with the same highlight and color rules regarding the seriousness of the alarm raised
Title	Key Performance Indicators warnings display
Status	<Validated>
Rationale	The Monitoring Service shall include global performance warnings
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0210	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.1.2 Key Performance Indicators calculation rules

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0382
Requirement	The APAMS shall calculate each KPI on a regular basis (weekly, daily, hourly) following the configuration in the Airport Performance Steering Service during the Medium Term Planning time frame
Title	Calculation frequency for Medium Term Planning Time frame
Status	<Validated>
Rationale	Every Key Performance Service shall be calculated on a regular basis following configurations in the Performance Steering Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0050	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0240	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0388
Requirement	The APAMS shall calculate each KPI on a regular basis (hourly, half-hour, ten minutes) following the configuration in the Airport Performance Steering Service during the Short Term Planning time frame

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Title	Calculation frequency for Short Term Planning Time frame
Status	<Validated>
Rationale	Every Key Performance Service shall be calculated on a regular basis following configurations in the Performance Steering Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0060	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0240	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0393
Requirement	The APAMS shall calculate each KPI on a regular basis (X minutes, configured local value) following the configuration in the Airport Performance Steering Service during the Execution time frame
Title	Calculation frequency for Execution Term Planning Time frame
Status	<Validated>
Rationale	Every Key Performance Service shall be calculated on a regular basis following configurations in the Performance Steering Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0070	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0240	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1814
Requirement	The APAMS shall calculate each Key Performance Indicator during the time frame configured in the Airport Performance Steering Service
Title	Calculation time frame for each indicator
Status	<Validated>
Rationale	Key Performance Indicators have a configurable time frame to take into account in the calculations
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0250	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.1978
Requirement	The APAMS shall update the AOP with each Key Performance Indicator calculated values, and warnings and alerts issued during the time frame configured in the Airport Performance Steering Service
Title	AOP updates
Status	<Validated>
Rationale	The Airport Monitoring Performance Service shall update on a regular basis the AOP with the last calculated values, alerts and warnings raised and related messages
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0310	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.1.3 Key Performance Indicators comparison rules

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0398
Requirement	The APAMS shall calculate each Key Performance Indicator periodically as defined in the Airport Performance Steering Service and shall compare the calculated value and the warning threshold defined in the Airport Performance Steering Service following a predefined comparison rule
Title	Warning comparison rule
Status	<Validated>
Rationale	Comparison between threshold values configured in the Steering Service and the calculated values on a regular basis is necessary to raise alarms in case the performance lowers below acceptable levels
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0403
Requirement	The APAMS shall calculate each Key Performance Indicator periodically as defined in the Airport Performance Steering Service and shall compare the calculated value and the alert threshold defined in the Airport Performance Steering Service following a predefined comparison rule
Title	Alert comparison rule
Status	<Validated>
Rationale	Comparison between threshold values configured in the Steering Service and the calculated values on a regular basis is necessary to raise alarms in case the performance lowers below acceptable levels

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1853
Requirement	The APAMS shall contain pre-scripted warning messages available for each Key performance Indicator to identify the problem in case the warning is generated
Title	Warning messages
Status	<Validated>
Rationale	In case an alarm is raised, a pre-scripted message is composed along with necessary information to send to the assigned stakeholder
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0260	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1854
Requirement	The APAMS shall contain pre-scripted alert messages available for each Key performance Indicator to identify the problem in case the alert is generated
Title	Alert messages
Status	<Validated>
Rationale	In case an alarm is raised, a pre-scripted message is composed along with necessary information to send to the assigned stakeholder
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0260	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1984
Requirement	Each alert generated shall include the following information: - Unique alert Identifier (consecutive number) - Code identifying the nature of the alert - Alert message associated with the code.

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Title	Alert messages content
Status	<Validated>
Rationale	Minimum necessary information to track an alert through the system
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0290	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1989
Requirement	Each warning generated shall include the following information: - Unique warning Identifier (consecutive number) - Code identifying the nature of the warning - Warning message associated with the code.
Title	Warning messages content
Status	<Validated>
Rationale	Minimum necessary information to track a warning through the system
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0290	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.1.4 Key Performance Indicators publishing and display rules

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1828
Requirement	The APAMS shall publish each Key Performance Indicator according the configuration defined in the Airport Performance Steering Service
Title	Key performance indicators publishing rules
Status	<Validated>
Rationale	Key Performance Indicators have to be published according to the established rules defined in the Steering Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0120	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0101	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0102	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0103	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0105	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0108	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0109	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0111	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0112	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0115	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0118	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0119	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0120	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0206	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0201	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0504	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0130	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1958		
Requirement	The APAMS shall allow the filtering of the following indicators by runway: Runway Arrival Capacity Shortage and Runway Departure Capacity Shortage		
Title	Key performance indicators information filters		
Status	<Validated>		
Rationale	The Monitoring Service shall have the ability to show the information to the user filtered according several criteria such as stand, runway...etc		
Category	<Functional>		
Validation Method			
Verification Method	<Test>		

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0160	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0408		
Requirement	The APAMS shall publish periodically the current Key Performance Indicator as defined in the Airport Performance Steering Service		
Title	Publishing frequency		
Status	<Validated>		
Rationale	Key Performance Indicator values shall be published periodically		
Category	<Functional>		
Validation Method			
Verification Method	<Test>		

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0130	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1823		
Requirement	The APAMS shall update the AOP with the last calculated value of every		

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	Key Performance Indicator listed calculated by it, and a timestamp informing when the information was updated
Title	AOP updates
Status	<Validated>
Rationale	The Monitor Service shall be updated regularly with the latest calculations
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0080	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1833
Requirement	The APAMS shall show results both in numeric and graphical (bars diagram) representation
Title	Indicators visualization rules
Status	<Validated>
Rationale	The Monitor Service shall show indicator calculations in numeric and graphical fashion
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0150	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0130	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3713
Requirement	The APAMS shall show alerts and warnings according to the configuration defined in the Airport Performance Steering Service
Title	Indicators visualization rules
Status	<Validated>
Rationale	The Monitor Service shall show indicator calculations in numeric and graphical fashion
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0011	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0013	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0002	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0003	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0024	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0120	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0504	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1838
Requirement	The APAMS shall provide each Key Performance Indicator calculated during the Medium Term Planning time frame as an operational day display showing forecast values
Title	Medium term Planning time frame indicators information display
Status	<Validated>
Rationale	Latest indicator values shall be displayed regularly according to the configuration in the Steering Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0140	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1843
Requirement	The APAMS shall provide each Key Performance Indicator calculated during the Short Term Planning time frame as an operational day broken down by hour showing forecast values
Title	Short term Planning time frame indicators information display
Status	<Validated>
Rationale	Latest indicator values shall be displayed regularly according to the configuration in the Steering Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0180	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0150	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1848
Requirement	The APAMS shall provide each Key Performance Indicator calculated during the Execution time frame as it is configured in the Airport Performance Steering Service
Title	Execution time frame indicators information display
Status	<Validated>
Rationale	Latest indicator values shall be displayed regularly according to the configuration in the Steering Service

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0160	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1928
Requirement	The APAMS shall allow access to the performance and alert and warning data to users according to the permissions policy established in the Airport Steering Performance Service
Title	Performance information restriction access
Status	<Validated>
Rationale	Latest indicator values shall be displayed regularly according to the configuration in the Steering Service. The security policy configuration is not in the prototype scope.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0230	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0171	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2 Key Performance Indicators requirements

3.1.2.2.1 Medium Term and Short Term Planning Time frame

3.1.2.2.1.1 Key Performance Area: Capacity

3.1.2.2.1.1.1 Runway Arrival Capacity Shortage

Runway Arrival Capacity Shortage indicator calculates the number of movements in order to determine whether the runway nominal capacity is exceeded and raise an alarm in that case

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0436
Requirement	The APAMS shall calculate the Runway Arrival Capacity Shortage indicator using the SLDT and the Declared Runway Arrival Capacity. It will be measured in number of movements per time period
Title	Runway Arrival Capacity Shortage indicator description
Status	<Validated>
Rationale	Runway Arrival Capacity Shortage indicator calculates the number of movements per runway in order to determine if the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3979
Requirement	The APAMS shall calculate the Runway Arrival Capacity Shortage indicator as the subtraction of the runway arrival demand from the declared runway arrival capacity. $X[mvts] = \text{Declared Runway Arrival Capacity} - \text{SUM(ATVs with SLDT)}$
Title	Runway Arrival Capacity Shortage indicator calculation rule
Status	<Validated>
Rationale	Runway Arrival Capacity Shortage indicator calculates the number of movements per runway in order to determine if the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4024
Requirement	The APAMS shall calculate the Runway Arrival Capacity Shortage indicator as the percentage of unattended demand per runway $\text{IF } ((\text{Declared Runway Arrival Capacity} - \text{SUM(ATVs with SLDT)}) < 0)$ $P[\%, \text{unserved demand}] = (\text{ABS}(\text{Declared Runway Arrival Capacity} - \text{SUM(ATVs with SLDT)}) / \text{SUM(ATVs with SLDT)}) \times 100$
Title	Runway Arrival Capacity Shortage indicator calculation rule
Status	<Validated>
Rationale	Runway Arrival Capacity Shortage indicator calculates the number of movements per runway in order to determine if the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0441
Requirement	The APAMS shall provide the Runway Arrival Capacity Shortage indicator alert and warning
Title	Runway Arrival Capacity Shortage indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0446
Requirement	The APAMS shall perform a comparison between the Runway Arrival Capacity Shortage indicator calculated value and the warning threshold level configured for the Runway Demand in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Runway Arrival Capacity Shortage indicator warning comparison
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4029
Requirement	The APAMS shall perform a comparison between the Runway Arrival Capacity Shortage indicator calculated value and the warning threshold level configured for the percentage of unattended demand in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Runway Arrival Capacity Shortage indicator warning comparison
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0451
Requirement	The APAMS shall perform a comparison between the Runway Arrival Capacity Shortage indicator calculated value and the alert threshold level configured for the Runway Demand in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Runway Arrival Capacity Shortage indicator alert comparison
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4034
Requirement	The APAMS shall perform a comparison between the Runway Arrival Capacity Shortage indicator calculated value and the alert threshold level configured for the percentage of unattended demand in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Runway Arrival Capacity Shortage indicator alert comparison
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.0456
Requirement	In case of a Runway Arrival Capacity Shortage indicator alert should be raised the Alarm Code AOM26 shall be used by default to identify the problem in further processes
Title	Runway Arrival Capacity Shortage indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0462
Requirement	In case of a Runway Arrival Capacity Shortage indicator warning should be raised the Warning Code AOM26 shall be used by default to identify the problem in further processess
Title	Runway Arrival Capacity Shortage indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0467
Requirement	The Tower Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified there is an alert or warning raised related to the Runway Arrival Capacity Shortage indicator
Title	Runway Arrival Capacity Shortage indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.1.1.2 Runway Departure Capacity Shortage

Runway Departure Capacity Shortage indicator calculates the number of movements in order to determine whether the nominal capacity is exceeded and raise an alarm

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0472
Requirement	The APAMS shall calculate the Runway Departure Capacity Shortage indicator using the STOT and Declared Runway Departure Capacity, and it will be measured in number of minutes
Title	Runway Departure Capacity Shortage indicator description
Status	<Validated>
Rationale	Runway Departure Capacity Shortage indicator calculates the number of movements per runway in order to determine if the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3984
Requirement	The APAMS shall calculate the Runway Departure Capacity Shortage indicator as the subtraction of the Runway Departure Demand from the Declared Runway Departure Capacity. $X[mvts] = \text{Declared Runway Departure Capacity} - \text{SUM}(\text{STOT})$
Title	Runway Departure Capacity Shortage indicator calculation rule
Status	<Validated>
Rationale	Runway Departure Capacity Shortage indicator calculates the number of movements per runway in order to determine if the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4049
Requirement	The APAMS shall calculate the Runway Departure Capacity Shortage

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	indicator as the percentage of unattended demand per runway IF ((Declared Runway Departure Capacity - SUM(STOT)) < 0) P[%, unserved demand] = (ABS(Declared Runway Arrival Capacity - SUM (STOT))/SUM(STOT)) x 100
Title	Runway Departure Capacity Shortage indicator calculation rule
Status	<Validated>
Rationale	Runway Departure Capacity Shortage indicator calculates the number of movements per runway in order to determine if the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0473
Requirement	The APAMS shall provide the Runway Departure Capacity Shortage indicator alert and warning
Title	Runway Departure Capacity Shortage indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0474
Requirement	The APAMS shall perform a comparison between the Runway Departure Capacity Shortage indicator calculated value and the warning threshold level configured for the Runway Demand in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Runway Departure Capacity Shortage indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4039
Requirement	The APAMS shall perform a comparison between the Runway Departure Capacity Shortage indicator calculated value and the warning threshold level configured for the percentage of unattended demand in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Runway Departure Capacity Shortage indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4040
Requirement	The APAMS shall perform a comparison between the Runway Departure Capacity Shortage indicator calculated value and the alert threshold level configured for the Runway Demand in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Runway Departure Capacity Shortage indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4054
Requirement	The APAMS shall perform a comparison between the Runway Departure Capacity Shortage indicator calculated value and the alert threshold level

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	configured for the percentage of unattended demand in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Runway Departure Capacity Shortage indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0476
Requirement	In case of a Runway Departure Capacity Shortage indicator alert should be raised the Alarm Code AOM26 shall be used by default to identify the problem in further processess
Title	Runway Departure Capacity Shortage indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0477
Requirement	In case of a Runway Departure Capacity Shortage indicator warning should be raised the Warning Code AOM26 shall be used by default to identify the problem in further processess
Title	Runway Departure Capacity Shortage indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.07.03	N/A
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[REQ]

Identifier	REQ-12.07.03-TS-MONI.0478
Requirement	The Tower Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Runway Departure Capacity Shortage indicator
Title	Runway Departure Capacity Shortage indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.1.1.3 Apron Demand for Category A Aircrafts

The Apron Demand for Category A Aircrafts indicator calculates the number of flights for category A aircrafts requesting arrivals

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5392
Requirement	The APAMS shall calculate the Apron Demand for category A Aircrafts indicator using the SIBT and SOBT, and it will be measured in number of movements
Title	The Apron Demand for Category A Aircrafts indicator description
Status	<Validated>
Rationale	The Apron Demand for Category A Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5397
Requirement	The APAMS shall calculate the Apron Demand for category A Aircrafts indicator as the subtraction of the number of ATV with the SOBT time calculated from the number of ATV with SIBT time calculated $X[\text{units}] = \text{SUM}(\text{SIBT}) - \text{SUM}(\text{SOBT})$

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Title	The Apron Demand for Category A Aircrafts indicator calculation rule
Status	<Validated>
Rationale	The Apron Demand for Category A Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5402
Requirement	The APAMS shall provide for the Apron Demand for category A Aircrafts calculated value measured in number of movements in the operational day split by hour showing forecast values
Title	The Apron Demand for Category A Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5408
Requirement	The APAMS shall not perform any comparison with any threshold level for the Apron Demand for category A Aircrafts indicator
Title	The Apron Demand for Category A Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5413
Requirement	No Apron Demand for category A Aircrafts alerts shall be raised in Medium

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	Term Planning Timeframe
Title	The Apron Demand for Category A Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5418
Requirement	No Apron Demand for category A Aircrafts warnings shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category A Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5423
Requirement	No stakeholder shall be notified in case of Apron Demand for category A Aircrafts indicator notifications in Medium Term Planning Timeframe
Title	The Apron Demand for Category A Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.1.4 Apron Demand for Category B Aircrafts

The Apron Demand for Category B Aircrafts indicator calculates the number of flights for category B aircrafts requesting arrivals

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.5700
Requirement	The APAMS shall calculate the Apron Demand for category B Aircrafts indicator using the SIBT and SOBT, and it will be measured in number of movements
Title	The Apron Demand for Category B Aircrafts indicator description
Status	<Validated>
Rationale	The Apron Demand for Category B Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5705
Requirement	The APAMS shall calculate the Apron Demand for category B Aircrafts indicator as the subtraction of the number of ATV with the SOBT time calculated from the number of ATV with SIBT time calculated $X[\text{units}] = \text{SUM}(\text{SIBT}) - \text{SUM}(\text{SOBT})$
Title	The Apron Demand for Category B Aircrafts indicator calculation rule
Status	<Validated>
Rationale	The Apron Demand for category B Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5710
Requirement	The APAMS shall provide the Apron Demand for category B Aircrafts calculated value measured in number of movements in the operational day split by hour showing forecast values
Title	The Apron Demand for Category B Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5716
Requirement	The APAMS shall not perform any comparison with any threshold level for the Apron Demand for category B Aircrafts indicator in Medium Term Planning Timeframe
Title	The Apron Demand for Category B Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5721
Requirement	No Apron Demand for category B Aircrafts alerts shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category B Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5726
Requirement	No Apron Demand for category B Aircrafts warnings shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category B Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5731
Requirement	No stakeholder shall be notified in case of Apron Demand for category B Aircrafts indicator notifications in Medium Term Planning Timeframe
Title	The Apron Demand for Category B Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.1.5 Apron Demand for Category C Aircrafts

The Apron Demand for Category C Aircrafts indicator calculates the number of flights for category C aircrafts requesting arrivals

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5737
Requirement	The APAMS shall calculate the Apron Demand for category C Aircrafts indicator using the SIBT and SOBT, and it will be measured in number of movements
Title	The Apron Demand for Category C Aircrafts indicator description
Status	<Validated>
Rationale	The Apron Demand for Category C Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5742
Requirement	The APAMS shall calculate the Apron Demand for category C Aircrafts indicator as the subtraction of the number of ATV with the SOBT time calculated from the number of ATV with SIBT time calculated $X[\text{units}] = \text{SUM}(\text{SIBT}) - \text{SUM}(\text{SOBT})$

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Title	The Apron Demand for Category C Aircrafts indicator calculation rule
Status	<Validated>
Rationale	The Apron Demand for category C Aircrafts indicator Calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5747
Requirement	The APAMS shall provide the Apron Demand for category C Aircrafts calculated value measured in number of movements in the operational day split by hour showing forecast values
Title	The Apron Demand for Category C Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5753
Requirement	The APAMS shall not perform any comparison with any threshold level for the Apron Demand for category C Aircrafts indicator in Medium Term Planning Timeframe
Title	The Apron Demand for Category C Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5758
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Requirement	No Apron Demand for category C Aircrafts alerts shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category C Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5763
Requirement	No Apron Demand for category C Aircrafts warnings shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category C Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5768
Requirement	No stakeholder shall be notified in case of Apron Demand for category C Aircrafts indicator notifications in Medium Term Planning Timeframe
Title	The Apron Demand for Category C Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.1.6 Apron Demand for Category D Aircrafts

The Apron Demand for Category D Aircrafts indicator calculates the number of flights for category D aircrafts requesting arrivals

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.5774
Requirement	The APAMS shall calculate the Apron Demand for category D Aircrafts indicator using the SIBT and SOBT, and it will be measured in number of movements
Title	The Apron Demand for Category D Aircrafts indicator description
Status	<Validated>
Rationale	The Apron Demand for category D Aircrafts indicator Calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5779
Requirement	The APAMS shall calculate the Apron Demand for category D Aircrafts indicator as the subtraction of the number of ATV with the SOBT time calculated from the number of ATV with SIBT time calculated $X[\text{units}] = \text{SUM}(\text{SIBT}) - \text{SUM}(\text{SOBT})$
Title	The Apron Demand for Category D Aircrafts indicator calculation rule
Status	<Validated>
Rationale	The Apron Demand for Category D Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5784
Requirement	The APAMS shall provide the Apron Demand for category D Aircrafts calculated value measured in number of movements in the operational day split by hour showing forecast values
Title	The Apron Demand for Category D Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5790
Requirement	The APAMS shall not perform any comparison with any threshold level for the Apron Demand for category D Aircrafts indicator in Medium Term Planning Timeframe
Title	The Apron Demand for Category D Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5795
Requirement	No Apron Demand for category D Aircrafts alerts shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category D Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5800
Requirement	No Apron Demand for category D Aircrafts warnings shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category D Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5805
Requirement	No stakeholder shall be notified in case of Apron Demand for category D Aircrafts indicator notifications in Medium Term Planning Timeframe
Title	The Apron Demand for Category D Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.1.1.7 Apron Demand for Category E Aircrafts

The Apron Demand for Category E Aircrafts indicator calculates the number of flights for category E aircrafts requesting arrivals

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5811
Requirement	The APAMS shall calculate the Apron Demand for category E Aircrafts indicator using the SIBT and SOBT, and it will be measured in number of movements
Title	The Apron Demand for Category E Aircrafts indicator description
Status	<Validated>
Rationale	The Apron Demand for Category E Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5816
Requirement	The APAMS shall calculate the Apron Demand for category E Aircrafts indicator as the subtraction of the number of ATV with the SOBT time calculated from the number of ATV with SIBT time calculated

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	$X[\text{units}] = \text{SUM}(\text{SIBT}) - \text{SUM}(\text{SOBT})$
Title	The Apron Demand for Category E Aircrafts indicator calculation rule
Status	<Validated>
Rationale	The Apron Demand for Category E Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5821
Requirement	The APAMS shall provide the Apron Demand for category E Aircrafts calculated value measured in number of movements in the operational day split by hour showing forecast values
Title	The Apron Demand for Category E Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5827
Requirement	The APAMS shall not perform any comparison with any threshold level for the Apron Demand for category E Aircrafts indicator in Medium Term Planning Timeframe
Title	The Apron Demand for Category E Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.5832
Requirement	No Apron Demand for category E Aircrafts alerts shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category E Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5837
Requirement	No Apron Demand for category E Aircrafts warnings shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category E Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5842
Requirement	No stakeholder shall be notified in case of Apron Demand for category E Aircrafts indicator notifications in Medium Term Planning Timeframe
Title	The Apron Demand for Category E Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.1.1.8 Apron Demand for Category F Aircrafts

The Apron Demand for Category F Aircrafts indicator calculates the number of flights for category F aircrafts requesting arrivals

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.5848
Requirement	The APAMS shall calculate the Apron Demand for category F Aircrafts indicator using the SIBT and SOBT, and it will be measured in number of movements
Title	The Apron Demand for Category F Aircrafts indicator description
Status	<Validated>
Rationale	The Apron Demand for Category F Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5853
Requirement	The APAMS shall calculate the Apron Demand for category F Aircrafts indicator as the subtraction of the number of ATV with the SOBT time calculated from the number of ATV with SIBT time calculated $X[\text{units}] = \text{SUM}(\text{SIBT}) - \text{SUM}(\text{SOBT})$
Title	The Apron Demand for Category F Aircrafts indicator calculation rule
Status	<Validated>
Rationale	The Apron Demand for Category F Aircrafts indicator calculates the number of flights located in the airport on category A stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5858
Requirement	The APAMS shall provide the Apron Demand for category F Aircrafts calculated value measured in number of movements in the operational day split by hour showing forecast values
Title	The Apron Demand for Category F Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5864
Requirement	The APAMS shall not perform any comparison with any threshold level for the Apron Demand for category F Aircrafts indicator in Medium Term Planning Timeframe
Title	The Apron Demand for Category F Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5869
Requirement	No Apron Demand for category F Aircrafts alerts shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category F Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5874
Requirement	No Apron Demand for category F Aircrafts warnings shall be raised in Medium Term Planning Timeframe
Title	The Apron Demand for Category F Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5879
Requirement	No stakeholder shall be notified in case of Apron Demand for category F Aircrafts indicator notifications in Medium Term Planning Timeframe
Title	The Apron Demand for Category F Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.1.9 Apron Capacity Shortage: Large Stand Availability

Apron Capacity Shortage: Large Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type D, E and F in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0644
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Large Stand Availability indicator using the Apron Demand for Category D Aircrafts indicator, the Apron Demand for Category E Aircrafts indicator, the Apron Demand for Category F Aircrafts indicator and the total number of stands
Title	Apron Capacity Shortage: Large Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Large Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4009
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Large Stand

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	Availability indicator as the subtraction of the apron demand from the total number of stands. $X[\text{units}] = \text{Available} - (\text{Apron Demand for Category D Aircrafts} + \text{Apron Demand for Category E Aircrafts} + \text{Apron Demand for Category F Aircrafts})$
Title	Apron Capacity Shortage: Large Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Large Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0645
Requirement	The APAMS shall provide the Apron Capacity Shortage: Large Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Large Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0646
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Large Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Large Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0647
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Large Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Large Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0648
Requirement	In case of an Apron Capacity Shortage: Large Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Large Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0649
Requirement	In case of a Apron Capacity Shortage: Large Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess

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Title	Apron Capacity Shortage: Large Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0650
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Large Stand Availability indicator
Title	Apron Capacity Shortage: Large Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.1.10 Apron Capacity Shortage: Small Stand Availability

Apron Capacity Shortage: Small Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type A, B and C in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5466
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Small Stand Availability indicator using the Apron Demand for Category A Aircrafts, the Apron Demand for Category B Aircrafts, the Apron Demand for Category C Aircrafts and the total number of stands
Title	Apron Capacity Shortage: Small Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Small Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5471
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Small Stand Availability indicator as the subtraction of the apron demand from the total number of stands. $X[\text{units}] = \text{Available} - (\text{Apron Demand for Category A Aircrafts} + \text{Apron Demand for Category B Aircrafts} + \text{Apron Demand for Category C Aircrafts})$
Title	Apron Capacity Shortage: Small Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Small Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5476
Requirement	The APAMS shall provide the Apron Capacity Shortage: Small Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Small Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5482
Requirement	The APAMS shall perform a comparison between the Apron Capacity

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	Shortage: Small Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Small Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5488
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Small Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Small Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5494
Requirement	In case of an Apron Capacity Shortage: Small Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Small Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5499
Requirement	In case of a Apron Capacity Shortage: Small Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Small Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5504
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Small Stand Availability indicator
Title	Apron Capacity Shortage: Small Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.11 Apron Capacity Shortage: Category A Stand Availability

Apron Capacity Shortage: Category A Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type A in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6065
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Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category A Stand Availability indicator using the Apron Demand for Category A Aircrafts in Medium Term Planning Time Frame and the total number of available stands
Title	Apron Capacity Shortage: Category A Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category A Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6070
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category A Stand Availability indicator as the subtraction of the Apron Demand for Category A Aircrafts in Medium Term Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category A Aircrafts}$
Title	Apron Capacity Shortage: Category A Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category A Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6075
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category A Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category A Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6081
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category A Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category A Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6087
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category A Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category A Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.6093
Requirement	In case of an Apron Capacity Shortage: Category A Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category A Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6098
Requirement	In case of a Apron Capacity Shortage: Category A Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category A Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6103
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category A Stand Availability indicator
Title	Apron Capacity Shortage: Category A Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.1.12 Apron Capacity Shortage: Category B Stand Availability

Apron Capacity Shortage: Category B Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type B in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6285
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category B Stand Availability indicator in Medium Term Planning Time Frame using the Apron Demand for Category B Aircrafts and the total number available of stands
Title	Apron Capacity Shortage: Category B Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category B Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6290
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category B Stand Availability indicator as the subtraction of the Apron Demand for Category B Aircrafts in Medium Term Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category B Aircrafts}$
Title	Apron Capacity Shortage: Category B Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category B Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6295
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category B Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category B Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6301
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category B Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category B Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6307
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category B Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category B Stand Availability indicator alert

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	comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6313
Requirement	In case of an Apron Capacity Shortage: Category B Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category B Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6318
Requirement	In case of a Apron Capacity Shortage: Category B Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category B Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.6323
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category B Stand Availability indicator
Title	Apron Capacity Shortage: Category B Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.13 Apron Capacity Shortage: Category C Stand Availability

Apron Capacity Shortage: Category C Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type C in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6241
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category C Stand Availability indicator in Medium Term Planning Time Frame using the Apron Demand for Category C Aircrafts and the total number available of stands
Title	Apron Capacity Shortage: Category C Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category C Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6246
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category C Stand Availability indicator as the subtraction of the Apron Demand for Category C Aircrafts in Medium Term Planning Time Frame from the total number of stands.

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	X[units]=Available - Apron Demand for Category C Aircrafts
Title	Apron Capacity Shortage: Category C Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category C Stand Availability calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6251
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category C Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category C Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6257
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category C Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category C Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6263
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category C Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category C Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6269
Requirement	In case of an Apron Capacity Shortage: Category C Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category C Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6274
Requirement	In case of a Apron Capacity Shortage: Category C Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category C Stand Availability indicator warning

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	code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6279
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category C Stand Availability indicator
Title	Apron Capacity Shortage: Category C Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.1.14 Apron Capacity Shortage: Category D Stand Availability

Apron Capacity Shortage: Category D Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type D in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6197
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category D Stand Availability indicator in Medium Term Planning Time Frame using the Apron Demand for Category D Aircrafts and the total number of available stands
Title	Apron Capacity Shortage: Category D Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category D Stand Availability calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6202
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category D Stand Availability indicator as the subtraction of the Apron Demand for Category D Aircrafts in Medium Term Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category D Aircrafts}$
Title	Apron Capacity Shortage: Category D Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category D Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6207
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category D Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category D Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.6213
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category D Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category D Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6219
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category D Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category D Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6225
Requirement	In case of an Apron Capacity Shortage: Category D Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category D Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6230
Requirement	In case of a Apron Capacity Shortage: Category D Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category D Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6235
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category D Stand Availability indicator
Title	Apron Capacity Shortage: Category D Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.15 Apron Capacity Shortage: Category E Stand Availability

Apron Capacity Shortage: Category E Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type E in order to determine whether the nominal capacity is exceeded

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.6153
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category E Stand Availability indicator in Medium Term Planning Time Frame using the Apron Demand for Category E Aircrafts and the total number of available stands
Title	Apron Capacity Shortage: Category E Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category E Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6158
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category E Stand Availability indicator as the subtraction of the Apron Demand for Category E Aircrafts in Medium Term Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category E Aircrafts}$
Title	Apron Capacity Shortage: Category E Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category E Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6163
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category E Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category E Stand Availability indicator value display
Status	<Validated>

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Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6169
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category E Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category E Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6175
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category E Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category E Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>

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<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6181
Requirement	In case of an Apron Capacity Shortage: Category E Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category E Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6186
Requirement	In case of a Apron Capacity Shortage: Category E Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category E Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6191
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category E Stand Availability indicator
Title	Apron Capacity Shortage: Category E Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.16 Apron Capacity Shortage: Category F Stand Availability

Apron Capacity Shortage: Category F Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type F in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6109
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category F Stand Availability indicator in Medium Term Planning Time Frame using the Apron Demand for Category F Aircrafts and the total number of available stands
Title	Apron Capacity Shortage: Category F Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category F Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6114
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category F Stand Availability indicator as the subtraction of the Apron Demand for Category F Aircrafts in Medium Term Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category F Aircrafts}$
Title	Apron Capacity Shortage: Category F Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category F Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6119
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category F Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category F Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6125
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category F Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category F Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6131
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category F Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service.

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	If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category F Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6137
Requirement	In case of an Apron Capacity Shortage: Category F Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category F Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6142
Requirement	In case of a Apron Capacity Shortage: Category F Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category F Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.07.03	N/A
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[REQ]

Identifier	REQ-12.07.03-TS-MONI.6147
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category F Stand Availability indicator
Title	Apron Capacity Shortage: Category F Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.2 Execution Time frame

3.1.2.2.2.1 Key Performance Area: Capacity

3.1.2.2.2.1.1 Runway Arrival Capacity Shortage

Runway Arrival Capacity Shortage indicator calculates the number of movements in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0751
Requirement	The APAMS shall calculate the Runway Arrival Capacity Shortage indicator using as the input data the best time principle based on {TLDT, ELDT} and Planned Operational (Practical) Runway Arrival Capacity and it is measured in number of movements
Title	Runway Arrival Capacity Shortage indicator description
Status	<Validated>
Rationale	Runway Arrival Capacity Shortage indicator calculation description as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.3878
Requirement	The APAMS shall calculate the Runway Arrival Capacity Shortage indicator as the subtraction of the runway arrival demand based on how many ATVs have the best time principle based on {TLDT, ELDT} time calculated from the declared runway arrival capacity for the time period configured in the Airport Performance Steering Service $X[mvts] = \text{Planned Operational (Practical) Runway Arrival Capacity} - \text{SUM(ELDT)}$
Title	Runway Arrival Capacity Shortage indicator calculation rule
Status	<Validated>
Rationale	Runway Arrival Capacity Shortage indicator calculation rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0752
Requirement	The APAMS shall provide the Runway Arrival Capacity Shortage indicator alert and warning
Title	Runway Arrival Capacity Shortage indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0753
Requirement	The APAMS shall perform a comparison between the Runway Arrival Capacity Shortage calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Runway Arrival Capacity Shortage indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0754
Requirement	The APAMS shall perform a comparison between the Runway Arrival Capacity Shortage calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Runway Arrival Capacity Shortage indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0755
Requirement	In case of a Runway Arrival Capacity Shortage alert should be raised the Alarm Code AOM26 shall be used by default to identify the problem in further processess
Title	Runway Arrival Capacity Shortage indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0756
Requirement	In case of a Runway Arrival Capacity Shortage warning should be raised the Warning Code AOM26 shall be used by default to identify the problem in further processess
Title	Runway Arrival Capacity Shortage indicator warning code
Status	<Validated>

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Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0757
Requirement	The Tower Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Runway Arrival Capacity Shortage indicator
Title	Runway Arrival Capacity Shortage indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.1.2 Runway Departure Capacity Shortage

Runway Departure Capacity Shortage indicator calculates the number of movements in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0786
Requirement	The APAMS shall calculate the Runway Departure Capacity Shortage indicator using the input data ETOT (best time principle based on ATOT, TTOT, STOT, EOB+EXOT, TOBT+EXOT, TSAT+EXOT) and Planned Operational (Practical) Runway Departure Capacity and it will be measured in number of movements
Title	Runway Departure Capacity Shortage indicator description
Status	<Validated>
Rationale	Runway Departure Capacity Shortage indicator description as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3884
Requirement	The APAMS shall calculate the Runway Departure Capacity Shortage indicator as the subtraction of the runway departure demand based on how many ATVs have the ETOT time calculated from the declared runway departure capacity for the time period configured in the Airport Performance Steering Service $X[mvts] = \text{Planned Operational (Practical) Runway Departure Capacity} - \text{SUM(ETOT)}$
Title	Runway Departure Capacity Shortage indicator calculation rule
Status	<Validated>
Rationale	Runway Departure Capacity Shortage indicator calculation rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0787
Requirement	The APAMS shall provide the Runway Departure Capacity Shortage indicator alert and warning
Title	Runway Departure Capacity Shortage indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0788
Requirement	The APAMS shall perform a comparison between the Runway Departure Capacity Shortage calculated value and the warning threshold level configured in the Airport Performance Steering Service for the Runway Departure Capacity Shortage indicator. If the calculated value exceeds the threshold a warning shall be raised
Title	Runway Departure Capacity Shortage indicator warning comparison rule
Status	<Validated>

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Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0789
Requirement	The APAMS shall perform a comparison between the Runway Departure Capacity Shortage calculated value and the alert threshold level configured in the Airport Performance Steering Service for the Runway Departure Capacity Shortage indicator. If the calculated value exceeds the threshold an alert shall be raised
Title	Runway Departure Capacity Shortage indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0790
Requirement	In case of a Runway Departure Capacity Shortage alert should be raised the Alarm Code AOM26 shall be used by default to identify the problem in further processess
Title	Runway Departure Capacity Shortage indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.0791
Requirement	In case of a Runway Departure Capacity Shortage warning should be raised the Warning Code AOM26 shall be used by default to identify the problem in further processess
Title	Runway Departure Capacity Shortage indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0792
Requirement	The Tower Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Runway Departure Capacity Shortage indicator
Title	Runway Departure Capacity Shortage indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.3 Apron Demand for Category A Aircrafts

The Apron Demand for Category A Aircrafts indicator calculates the number of flights for Category A Aircrafts requesting arrivals

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5510
Requirement	The APAMS shall calculate the Apron Demand for Category A Aircrafts indicator using the input data the best time principle of {AIBT, ALDT+EXIT, ELDT+EXIT, SIBT} and best time principle of {AOBT, EOBT, TOBT, TSAT, SOBT}, and it will be measured in number of ATVs
Title	Apron Demand for Category A Aircrafts indicator description
Status	<Validated>
Rationale	Apron Demand for Category A Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5515
Requirement	The APAMS shall calculate the Apron Demand for Category A Aircrafts indicator as the subtraction of the number of ATV with the AOBT time calculated from the number of ATV with the AIBT for the time period configured in the Airport Performance Steering Service. If actual times are not available, estimated times should be used instead $X[\text{units}] = \text{SUM}(\text{best time principle of } \{AIBT, ALDT+EXIT, ELDT+EXIT, SIBT\}) - \text{SUM}(\text{best time principle of } \{AOBT, EOBT, TOBT, TSAT, SOBT\})$
Title	Apron Demand for Category A Aircrafts indicator calculation rule
Status	<Validated>
Rationale	Apron Demand for Category A Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5520
Requirement	The APAMS shall provide the Apron Demand for Category A Aircrafts calculated value measured in number of movements according to the time period configured in the Airport Performance Steering Service
Title	Apron Demand for Category A Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.5525
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Apron Demand for Category A Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category A Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5530
Requirement	No Apron Demand for Category A Aircrafts alerts shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category A Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5535
Requirement	No Apron Demand for Category A Aircrafts warnings shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category A Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5540
Requirement	No stakeholder shall be notified in case of Apron Demand for Category A

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	Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category A Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.4 Apron Demand for Category B Aircrafts

The Apron Demand for Category B Aircrafts indicator calculates the number of flights for Category B Aircrafts requesting arrivals

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6029
Requirement	The APAMS shall calculate the Apron Demand for Category B Aircrafts indicator using the input data the best time principle of {AIBT, ALDT+EXIT, ELDT+EXIT, SIBT} and best time principle of {AOBT, EOBT, TOBT, TSAT, SOBT}, and it will be measured in number of ATVs
Title	Apron Demand for Category B Aircrafts indicator description
Status	<Validated>
Rationale	Apron Demand for Category B Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6034
Requirement	The APAMS shall calculate the Apron Demand for Category B Aircrafts indicator as the subtraction of the number of ATV with the AOBT time calculated from the number of ATV with the AIBT for the time period configured in the Airport Performance Steering Service. If actual times are not available, estimated times should be used instead $X[\text{units}] = \text{SUM}(\text{best time principle of } \{AIBT, ALDT+EXIT, ELDT+EXIT, SIBT\}) - \text{SUM}(\text{best time principle of } \{AOBT, EOBT, TOBT, TSAT, SOBT\})$
Title	Apron Demand for Category B Aircrafts indicator calculation rule
Status	<Validated>
Rationale	Apron Demand for Category B Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6039
Requirement	The APAMS shall provide the Apron Demand for Category B Aircrafts calculated value measured in number of movements according to the time period configured in the Airport Performance Steering Service
Title	Apron Demand for Category B Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6044
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Apron Demand for Category B Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category B Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6049
Requirement	No Apron Demand for Category B Aircrafts alerts shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category B Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6054
Requirement	No Apron Demand for Category B Aircrafts warnings shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category B Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6059
Requirement	No stakeholder shall be notified in case of Apron Demand for Category B Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category B Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.5 Apron Demand for Category C Aircrafts

The Apron Demand for Category C Aircrafts indicator calculates the number of flights for Category C Aircrafts requesting arrivals

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5993
Requirement	The APAMS shall calculate the Apron Demand for Category C Aircrafts indicator using the input data the best time principle of {AIBT, ALDT+EXIT, ELDT+EXIT, SIBT} and best time principle of {AOBT, EOBT, TOBT, TSAT, SOBT}, and it will be measured in number of ATVs

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Title	Apron Demand for Category C Aircrafts indicator description
Status	<Validated>
Rationale	Apron Demand for Category C Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5998
Requirement	The APAMS shall calculate the Apron Demand for Category C Aircrafts indicator as the subtraction of the number of ATV with the AOBT time calculated from the number of ATV with the AIBT for the time period configured in the Airport Performance Steering Service. If actual times are not available, estimated times should be used instead $X[\text{units}] = \text{SUM}(\text{best time principle of } \{AIBT, ALDT+EXIT, ELDT+EXIT, SIBT\}) - \text{SUM}(\text{best time principle of } \{AOBT, EOBT, TOBT, TSAT, SOBT\})$
Title	Apron Demand for Category C Aircrafts indicator calculation rule
Status	<Validated>
Rationale	Apron Demand for Category C Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6003
Requirement	The APAMS shall provide the Apron Demand for Category C Aircrafts calculated value measured in number of movements according to the time period configured in the Airport Performance Steering Service
Title	Apron Demand for Category C Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6008
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Apron Demand for Category C Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category C Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6013
Requirement	No Apron Demand for Category C Aircrafts alerts shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category C Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6018
Requirement	No Apron Demand for Category C Aircrafts warnings shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category C Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6023
Requirement	No stakeholder shall be notified in case of Apron Demand for Category C Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category C Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.6 Apron Demand for Category D Aircrafts

The Apron Demand for Category D Aircrafts indicator calculates the number of flights for Category D Aircrafts requesting arrivals

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5957
Requirement	The APAMS shall calculate the Apron Demand for Category D Aircrafts indicator using the input data the best time principle of {AIBT, ALDT+EXIT, ELDT+EXIT, SIBT} and best time principle of {AOBT, EOBT, TOBT, TSAT, SOBT}, and it will be measured in number of ATVs
Title	Apron Demand for Category D Aircrafts indicator description
Status	<Validated>
Rationale	Apron Demand for Category D Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5962
Requirement	<p>The APAMS shall calculate the Apron Demand for Category D Aircrafts indicator as the subtraction of the number of ATV with the AOBT time calculated from the number of ATV with the AIBT for the time period configured in the Airport Performance Steering Service. If actual times are not available, estimated times should be used instead</p> <p>X[units] = SUM(best time principle of {AIBT, ALDT+EXIT, ELDT+EXIT,</p>

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	SIBT)) - SUM(best time principle of {AOBT, EOBT, TOBT, TSAT, SOBT}))
Title	Apron Demand for Category D Aircrafts indicator calculation rule
Status	<Validated>
Rationale	Apron Demand for Category D Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5967
Requirement	The APAMS shall provide the Apron Demand for Category D Aircrafts calculated value measured in number of movements according to the time period configured in the Airport Performance Steering Service
Title	Apron Demand for Category D Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5972
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Apron Demand for Category D Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category D Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5977
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Requirement	No Apron Demand for Category D Aircrafts alerts shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category D Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5982
Requirement	No Apron Demand for Category D Aircrafts warnings shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category D Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5987
Requirement	No stakeholder shall be notified in case of Apron Demand for Category D Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category D Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.1.7 Apron Demand for Category E Aircrafts

The Apron Demand for Category E Aircrafts indicator calculates the number of flights for Category E Aircrafts requesting arrivals

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.5921
Requirement	The APAMS shall calculate the Apron Demand for Category E Aircrafts indicator using the input data the best time principle of {AIBT, ALDT+EXIT, ELDT+EXIT, SIBT} and best time principle of {AOBT, EOBT, TOBT, TSAT, SOBT}, and it will be measured in number of ATVs
Title	Apron Demand for Category E Aircrafts indicator description
Status	<Validated>
Rationale	Apron Demand for Category E Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5926
Requirement	The APAMS shall calculate the Apron Demand for Category E Aircrafts indicator as the subtraction of the number of ATV with the AOBT time calculated from the number of ATV with the AIBT for the time period configured in the Airport Performance Steering Service. If actual times are not available, estimated times should be used instead $X[\text{units}] = \text{SUM}(\text{best time principle of } \{AIBT, ALDT+EXIT, ELDT+EXIT, SIBT\}) - \text{SUM}(\text{best time principle of } \{AOBT, EOBT, TOBT, TSAT, SOBT\})$
Title	Apron Demand for Category E Aircrafts indicator calculation rule
Status	<Validated>
Rationale	Apron Demand for Category E Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5931
Requirement	The APAMS shall provide the Apron Demand for Category E Aircrafts calculated value measured in number of movements according to the time period configured in the Airport Performance Steering Service
Title	Apron Demand for Category E Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5936
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Apron Demand for Category E Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category E Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5941
Requirement	No Apron Demand for Category E Aircrafts alerts shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category E Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5946
Requirement	No Apron Demand for Category E Aircrafts warnings shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category E Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5951
Requirement	No stakeholder shall be notified in case of Apron Demand for Category E Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category E Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.8 Apron Demand for Category F Aircrafts

The Apron Demand for Category F Aircrafts indicator calculates the number of flights for Category F Aircrafts requesting arrivals

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5885
Requirement	The APAMS shall calculate the Apron Demand for Category F Aircrafts indicator using the input data the best time principle of {AIBT, ALDT+EXIT, ELDT+EXIT, SIBT} and best time principle of {AOBT, EOBT, TOBT, TSAT, SOBT}, and it will be measured in number of ATVs
Title	Apron Demand for Category F Aircrafts indicator description
Status	<Validated>
Rationale	Apron Demand for Category F Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5890
Requirement	The APAMS shall calculate the Apron Demand for Category F Aircrafts indicator as the subtraction of the number of ATV with the AOBT time calculated from the number of ATV with the AIBT for the time period

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	configured in the Airport Performance Steering Service. If actual times are not available, estimated times should be used instead $X[\text{units}] = \text{SUM}(\text{best time principle of } \{AIBT, ALDT+EXIT, ELDT+EXIT, SIBT\}) - \text{SUM}(\text{best time principle of } \{AOBT, EOBT, TOBT, TSAT, SOBT\})$
Title	Apron Demand for Category F Aircrafts indicator calculation rule
Status	<Validated>
Rationale	Apron Demand for Category F Aircrafts indicator calculates the number of flights located in the airport on stands to determine whether the nominal capacity is exceeded
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5895
Requirement	The APAMS shall provide the Apron Demand for Category F Aircrafts calculated value measured in number of movements according to the time period configured in the Airport Performance Steering Service
Title	Apron Demand for Category F Aircrafts indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5900
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Apron Demand for Category F Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category F Aircrafts indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.07.03	N/A
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[REQ]

Identifier	REQ-12.07.03-TS-MONI.5905
Requirement	No Apron Demand for Category F Aircrafts alerts shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category F Aircrafts indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5910
Requirement	No Apron Demand for Category F Aircrafts warnings shall be raised in the Execution Planning Time Frame
Title	Apron Demand for Category F Aircrafts indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5915
Requirement	No stakeholder shall be notified in case of Apron Demand for Category F Aircrafts indicator in the Execution Planning Time Frame
Title	Apron Demand for Category F Aircrafts indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APSO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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3.1.2.2.2.1.9 Apron Capacity Shortage: Large Stand Availability

Apron Capacity Shortage: Large Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type D, E and F in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0952
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Large Stand Availability indicator using the Apron Demand for Category D Aircrafts, the Apron Demand for Category E Aircrafts, the Apron Demand for Category F Aircrafts and the number of stands available(not in use)
Title	Apron Capacity Shortage: Large Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Large Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3914
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Large Stand Availability indicator as the subtraction of the demand from the number of stands available for the time period configured in the Airport Performance Steering Service. $X[\text{units}] = \text{Available} - (\text{Apron Demand for Category D Aircrafts} + \text{Apron Demand for Category E Aircrafts} + \text{Apron Demand for Category F Aircrafts})$
Title	Apron Capacity Shortage: Large Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Large Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	
<ALLOCATED_TO>	<Project>	12.07.03	

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0953
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Requirement	The APAMS shall provide the Apron Capacity Shortage: Large Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Large Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7577
Requirement	<p>The APAMS shall provide the Apron Capacity Shortage: Large Stand Availability indicator in the following format:</p> <ul style="list-style-type: none"> - A bar chart displaying 1 hour in the past and 2 ahead. - Each bars represents 10 minutes demand. - Rolling: 10 minutes - Each ten minutes slot will show the actual number of stands in the past or estimated number of stands in the future - A vertical line will separate actual data and estimated data
Title	Apron Capacity Shortage: Large Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0954
Requirement	The APAMS shall perform a comparison between the calculated value and the warning threshold level configured in the Airport Performance Steering Service for the Apron Capacity Shortage: Large Stand Occupancy indicator. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Large Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0955
Requirement	The APAMS shall perform a comparison between the calculated value and the alert threshold level configured in the Airport Performance Steering Service for the Apron Capacity Shortage: Large Stand Availability indicator. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Large Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0956
Requirement	In case of a Apron Capacity Shortage: Large Stand Availability alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Large Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0957
Requirement	In case of a Apron Capacity Shortage: Large Stand Availability warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess

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Title	Apron Capacity Shortage: Large Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.0958
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Large Stand Availability indicator
Title	Apron Capacity Shortage: Large Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.10 Apron Capacity Shortage: Small Stand Availability

Apron Capacity Shortage: Small Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type A, B and C in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5583
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Small Stand Availability indicator using the Apron Demand for Category A Aircrafts, Apron Demand for Category B Aircrafts, Apron Demand for Category C Aircrafts and the number of stands available(not in use)
Title	Apron Capacity Shortage: Small Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Small Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5588
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Small Stand Availability indicator as the subtraction of the demand from the number of stands available for the time period configured in the Airport Performance Steering Service. The demand is calculated based on the number of ATV with the TIBT available $X[\text{units}] = \text{Available} - (\text{Apron Demand for Category A Aircrafts} + \text{Apron Demand for Category B Aircrafts} + \text{Apron Demand for Category C Aircrafts})$
Title	Apron Capacity Shortage: Small Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Small Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5593
Requirement	The APAMS shall provide the Apron Capacity Shortage: Small Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Small Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7582
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Requirement	<p>The APAMS shall provide the Apron Capacity Shortage: Small Stand Availability indicator in the following format:</p> <ul style="list-style-type: none"> - A bar chart displaying 1 hour in the past and 2 ahead. - Each bars represents 10 minutes demand. - Rolling: 10 minutes - Each ten minutes slot will show the actual number of stands in the past or estimated number of stands in the future - A vertical line will separate actual data and estimated data
Title	Apron Capacity Shortage: Small Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5598
Requirement	The APAMS shall perform a comparison between the calculated value and the warning threshold level configured in the Airport Performance Steering Service for the Apron Capacity Shortage: Small Stand Occupancy indicator. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Small Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5604
Requirement	The APAMS shall perform a comparison between the calculated value and the alert threshold level configured in the Airport Performance Steering Service for the Apron Capacity Shortage: Small Stand Availability indicator. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Small Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational

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	Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5610
Requirement	In case of a Apron Capacity Shortage: Small Stand Availability alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Small Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5615
Requirement	In case of a Apron Capacity Shortage: Small Stand Availability warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Small Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5620
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be

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	notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Small Stand Availability indicator
Title	Apron Capacity Shortage: Small Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.11 Apron Capacity Shortage: Category A Stand Availability

Apron Capacity Shortage: Category A Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type A in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6329
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category A Stand Availability indicator using the Apron Demand for Category A Aircrafts indicator in Execution Planning Time Frame and the total number of available stands
Title	Apron Capacity Shortage: Category A Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category A Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6334
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category A Stand Availability indicator as the subtraction of the Apron Demand for Category A Aircrafts indicator in Execution Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category A Aircrafts}$
Title	Apron Capacity Shortage: Category A Stand Availability indicator

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	calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category A Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6339
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category A Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category A Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6345
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category A Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category A Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>

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<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6351
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category A Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category A Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6357
Requirement	In case of an Apron Capacity Shortage: Category A Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category A Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6362
Requirement	In case of a Apron Capacity Shortage: Category A Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category A Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6367
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category A Stand Availability indicator
Title	Apron Capacity Shortage: Category A Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.12 Apron Capacity Shortage: Category B Stand Availability

Apron Capacity Shortage: Category B Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type B in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6373
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category B Stand Availability indicator using the Apron Demand for Category B Aircrafts indicator in Execution Planning Time Frame and the total number of available stands
Title	Apron Capacity Shortage: Category B Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category B Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6378
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category B Stand Availability indicator as the subtraction of the Apron Demand for Category B Aircrafts indicator in Execution Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category B Aircrafts}$
Title	Apron Capacity Shortage: Category B Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category B Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6383
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category B Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category B Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6389
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category B Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering

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	Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category B Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6395
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category B Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category B Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6401
Requirement	In case of an Apron Capacity Shortage: Category B Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category B Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6406
Requirement	In case of a Apron Capacity Shortage: Category B Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category B Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6411
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category B Stand Availability indicator
Title	Apron Capacity Shortage: Category B Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.13 Apron Capacity Shortage: Category C Stand Availability

Apron Capacity Shortage: Category C Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type C in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6417
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Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category C Stand Availability indicator using the Apron Demand for Category C Aircrafts indicator in Execution Planning Time Frame and the total number of available stands
Title	Apron Capacity Shortage: Category C Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category C Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6422
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category C Stand Availability indicator as the subtraction of the Apron Demand for Category C Aircrafts indicator in Execution Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category C Aircrafts}$
Title	Apron Capacity Shortage: Category C Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category C Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6427
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category C Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category C Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6433
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category C Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category C Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6439
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category C Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category C Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.6445
Requirement	In case of an Apron Capacity Shortage: Category C Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category C Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6450
Requirement	In case of a Apron Capacity Shortage: Category C Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category C Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6455
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category C Stand Availability indicator
Title	Apron Capacity Shortage: Category C Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.14 Apron Capacity Shortage: Category D Stand Availability

Apron Capacity Shortage: Category D Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type D in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6461
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category D Stand Availability indicator using the Apron Demand for Category D Aircrafts indicator in Execution Planning Time Frame and the total number of available stands
Title	Apron Capacity Shortage: Category D Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category D Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6466
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category D Stand Availability indicator as the subtraction of the Apron Demand for Category D Aircrafts indicator in Execution Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category D Aircrafts}$
Title	Apron Capacity Shortage: Category D Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category D Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6471
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category D Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category D Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6477
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category D Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category D Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6483
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category D Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category D Stand Availability indicator alert

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	comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6489
Requirement	In case of an Apron Capacity Shortage: Category D Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category D Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6494
Requirement	In case of a Apron Capacity Shortage: Category D Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category D Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.6499
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category D Stand Availability indicator
Title	Apron Capacity Shortage: Category D Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.15 Apron Capacity Shortage: Category E Stand Availability

Apron Capacity Shortage: Category E Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type E in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6505
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category E Stand Availability indicator using the Apron Demand for Category E Aircrafts indicator in Execution Planning Time Frame and the total number of available stands
Title	Apron Capacity Shortage: Category E Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category E Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6510
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category E Stand Availability indicator as the subtraction of the Apron Demand for Category E Aircrafts indicator in Execution Planning Time Frame from the total number

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	of stands. X[units]=Available - Apron Demand for Category E Aircrafts
Title	Apron Capacity Shortage: Category E Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category E Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6515
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category E Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category E Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6521
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category E Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category E Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6527
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category E Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category E Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6533
Requirement	In case of an Apron Capacity Shortage: Category E Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category E Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6538
Requirement	In case of a Apron Capacity Shortage: Category E Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess

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Title	Apron Capacity Shortage: Category E Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6543
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category E Stand Availability indicator
Title	Apron Capacity Shortage: Category E Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.16 Apron Capacity Shortage: Category F Stand Availability

Apron Capacity Shortage: Category F Stand Availability indicator calculates the number of movements in stands suitable for aircrafts type F in order to determine whether the nominal capacity is exceeded

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6585
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category F Stand Availability indicator using the Apron Demand for Category F Aircrafts indicator in Execution Planning Time Frame and the total number of available stands
Title	Apron Capacity Shortage: Category F Stand Availability indicator description
Status	<Validated>
Rationale	Apron Capacity Shortage: Category F Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6590
Requirement	The APAMS shall calculate the Apron Capacity Shortage: Category F Stand Availability indicator as the subtraction of the Apron Demand for Category F Aircrafts indicator in Execution Planning Time Frame from the total number of stands. $X[\text{units}] = \text{Available} - \text{Apron Demand for Category F Aircrafts}$
Title	Apron Capacity Shortage: Category F Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron Capacity Shortage: Category F Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6595
Requirement	The APAMS shall provide the Apron Capacity Shortage: Category F Stand Availability indicator alert and warning
Title	Apron Capacity Shortage: Category F Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.6601
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category F Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron Capacity Shortage: Category F Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6607
Requirement	The APAMS shall perform a comparison between the Apron Capacity Shortage: Category F Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron Capacity Shortage: Category F Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6613
Requirement	In case of an Apron Capacity Shortage: Category F Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category F Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6618
Requirement	In case of a Apron Capacity Shortage: Category F Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron Capacity Shortage: Category F Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6623
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron Capacity Shortage: Category F Stand Availability indicator
Title	Apron Capacity Shortage: Category F Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.1.17 Security Control Capacity

Security Control Capacity indicator calculates the throughput capacity at security control id the demand is lower that a baseline tolerance

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.7681
Requirement	The APAMS shall calculate the Security Control Capacity indicator using as the input data the baseline-tolerance and the demand, and it is measured in number of pax/h
Title	Security Control Capacity indicator description
Status	<Validated>
Rationale	Security Control Capacity indicator calculation description as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7686
Requirement	The APAMS shall calculate the Security Control Capacity indicator as the subtraction of the baseline tolerance from the demand for the time period configured in the Airport Performance Steering Service $X[pax/h] = \text{Baseline tolerance} - \text{demand}$
Title	Security Control Capacity indicator calculation rule
Status	<Validated>
Rationale	Security Control Capacity indicator calculation rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7691
Requirement	The APAMS shall provide the Security Control Capacity indicator alert
Title	Security Control Capacity indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7702
Requirement	The APAMS shall perform a comparison between the Security Control Capacity calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Security Control Capacity indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7708
Requirement	In case of a Security Control Capacity alert should be raised the Alarm Code AOM26 shall be used by default to identify the problem in further processess
Title	Security Control Capacity indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7718
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert raised related to the Security Control Capacity indicator
Title	Security Control Capacity indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.18 Runway Arrival Capacity Change

The Runway Arrival Capacity Change Indicator shall alert whenever a change in any runway capacity is produced

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5269
Requirement	The APAMS shall calculate the Runway Arrival Capacity Change Indicator using as the input data the Planned Operational (Practical) Runway Arrival Capacity and the Actual Arrival Runway Capacity, and it will be a boolean indicator with two possible values (true / false) accompanied of the capacity difference
Title	Runway Capacity Change indicator inputs.
Status	<Validated>
Rationale	Runway Capacity Change indicator inputs.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5270
Requirement	The APAMS shall calculate the Runway Arrival Capacity Change indicator as a boolean value, being true when any change in the Planned Operational (Practical) Runway Arrival Capacity is produced. The capacity difference will be calculated as follows: $C = \text{Planned Operational (Practical) Runway Arrival Capacity} - \text{Actual Arrival Runway Capacity movements per hour}$
Title	Runway Capacity Change indicator calculation rule.
Status	<Validated>
Rationale	Runway Capacity Change indicator calculation rule.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.5271
Requirement	The APAMS shall provide the Runway Arrival Capacity Change Indicator alert highlighting the runway for the time period configured in the Airport Performance Steering Service (X minutes) and the capacity difference. Any subsequent changes on the runway capacity produced during this time period will restart the time highlighting the affected runway for another X minutes
Title	Runway Capacity Change indicator display format.
Status	<Validated>
Rationale	Runway Capacity Change indicator display format.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5272
Requirement	In case of a Runway Arrival Capacity Change alert should be raised the Alarm Code AOM26 shall be used by default to identify the problem in further processess
Title	Runway Capacity Change indicator alert comparation rule
Status	<Validated>
Rationale	Runway Capacity Change indicator alert comparation rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5273
Requirement	The Tower Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Runway Arrival Capacity Change indicator
Title	Runway Capacity Change indicator warning comparation rule.
Status	<Validated>
Rationale	Runway Capacity Change indicator warning comparation rule.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.1.19 Runway Departure Capacity Change

The Runway Departure Capacity Change Indicator shall alert whenever a change in any runway capacity is produced

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5365
Requirement	The APAMS shall calculate the Runway Departure Capacity Change Indicator using as the input data the Planned Operational (Practical) Runway Departure Capacity and the Actual Departure Runway Capacity, and it will be a boolean indicator with two possible values (true / false) accompanied of the capacity difference
Title	Runway Departure Capacity Change input data
Status	<Validated>
Rationale	Runway Departure Capacity Change input data
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5366
Requirement	The APAMS shall calculate the Runway Departure Capacity Change indicator as a boolean value, being true when any change in the Planned Operational (Practical) Runway Departure Capacity is produced. The capacity difference will be calculated as follows: $C = \text{Planned Operational (Practical) Runway Departure Capacity} - \text{Actual Departure Runway Capacity movements per hour}$
Title	Runway Departure Capacity Change input data
Status	<Validated>
Rationale	Runway Departure Capacity Change input data
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5367
Requirement	The APAMS shall provide the Runway Departure Capacity Change Indicator

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	alert highlighting the runway for the time period configured in the Airport Performance Steering Service (X minutes) and the capacity difference. Any subsequent changes on the runway capacity produced during this time period will restart the time highlighting the affected runway for another X minutes
Title	Runway Departure Capacity Change calculation rule
Status	<Validated>
Rationale	Runway Departure Capacity Change calculation rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5368
Requirement	In case of a Runway Departure Capacity Change alert should be raised the Alarm Code AOM26 shall be used by default to identify the problem in further processess
Title	Runway Departure Capacity Change alert
Status	<Validated>
Rationale	Runway Departure Capacity Change alert
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.5369
Requirement	The Tower Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Runway Departure Capacity Change indicator
Title	Runway Departure Capacity Change stakeholder
Status	<Validated>
Rationale	Runway Departure Capacity Change stakeholder
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

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3.1.2.2.2.2 Key Performance Area: Predictability

3.1.2.2.2.2.1 Arrival Punctuality

The Arrival Punctuality indicator measures the percentage of flights arriving to the airport with a specific maximum delay

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1082
Requirement	The APAMS shall calculate the Arrival Punctuality indicator using the following input data: SIBT, EIBT and AIBT and it will be measured in number of movements
Title	Arrival Punctuality indicator description
Status	<Validated>
Rationale	The Arrival Punctuality indicator calculates the number of flights with less than three and fifteen minutes delay as specified in the EXE-06.05.04-VP-013 Validation Plan
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3929
Requirement	<p>The APAMS shall calculate the Arrival Punctuality indicator as the percentage of arrivals with more than thirty minutes of difference between the actual and the scheduled value for the time period configured in the Airport Performance Steering Service.</p> <p>IF (AIBT) X[minutes] = AIBT - SIBT ELSE X[minutes] = EIBT - SIBT</p> <p>M[mvts] = Count #Movements with X > 30 minutes N[%] = M[mvts] / Total #Arrivals</p>
Title	Arrival Punctuality indicator calculation rule
Status	<Validated>
Rationale	The Arrival Punctuality indicator calculates the number of flights with less than three and fifteen minutes delay as specified in the EXE-06.05.04-VP-013 Validation Plan
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.4109
Requirement	<p>The APAMS shall calculate the Arrival Punctuality indicator as the percentage of arrivals with more than fifteen minutes of difference for the time period configured in the Airport Performance Steering Service.</p> <p>IF (AIBT) X[minutes] = AIBT - SIBT ELSE X[minutes] = EIBT - SIBT</p> <p>M[mvts] = Count #Movements with X > 15 minutes N[%] = M[mvts] / Total #Arrivals</p>
Title	Arrival Punctuality indicator calculation rule
Status	<Validated>
Rationale	The Arrival Punctuality indicator calculates the number of flights with less than three and fifteen minutes delay as specified in the EXE-06.05.04-VP-013 Validation Plan
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1083
Requirement	The APAMS shall provide the Arrival Punctuality indicator alert and warning for the percentage of ATV with more than thirty minutes between the schedule time and the actual or estimated time
Title	Arrival Punctuality indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1089
Requirement	The APAMS shall provide the Arrival Punctuality indicator alert and warning for the percentage of ATV with more than fifteen minutes between the schedule time and the actual or estimated time
Title	Arrival Punctuality indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7599
Requirement	<p>The APAMS shall provide the Arrival Punctuality indicators in a chart showing:</p> <ul style="list-style-type: none"> - A line showing the percentage of flights with delay bigger than 15 minutes - A line showing the percentage of flights with delay bigger than 30 minutes - The day of operations: 24h - Two horizontal lines indicating the alert threshold for the 15 minutes delay alert and for the 30 minutes delay alert - Refresh time: 10 minutes - A vertical line will separate actual data in the past and estimated data in the future
Title	Indicator metric to display as specified in the OFA OFA05.01.01
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1084
Requirement	<p>The APAMS shall perform a comparison between the calculated value for the thirty minutes delay and the warning threshold level configured in the Airport Performance Steering Service for the Arrival Punctuality indicator. If the calculated value is below the threshold a warning shall be raised</p>
Title	Arrival Punctuality indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.1090
Requirement	The APAMS shall perform a comparison between the calculated value for the fifteen minutes delay and the warning threshold level configured in the Airport Performance Steering Service for the Arrival Punctuality indicator. If the calculated value is below the threshold a warning shall be raised
Title	Arrival Punctuality indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1091
Requirement	The APAMS shall perform a comparison between the calculated value for the thirty minutes delay and the alert threshold level configured in the Airport Performance Steering Service for the Arrival Punctuality indicator. If the calculated value is below the threshold an alert shall be raised
Title	Arrival Punctuality indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1092
Requirement	The APAMS shall perform a comparison between the calculated value for the fifteen minutes delay and the alert threshold level configured in the Airport Performance Steering Service for the Arrival Punctuality indicator. If the calculated value is below the threshold an alert shall be raised
Title	Arrival Punctuality indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1086
Requirement	In case of an Arrival Punctuality alert should be raised the Alarm Code AOM28 shall be used by default to identify the problem in further processess
Title	Arrival Punctuality indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the EXE-06.05.04-VP-013 Validation Plan
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1087
Requirement	In case of an Arrival Punctuality warning should be raised the Warning Code AOM28 shall be used by default to identify the problem in further processess
Title	Arrival Punctuality indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the EXE-06.05.04-VP-013 Validation Plan
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1088
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Arrival Punctuality indicator
Title	Arrival Punctuality indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.2 Departure Punctuality

The Departure Punctuality indicator measures the percentage of flights departing from the airport with a specific maximum delay

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4319
Requirement	The APAMS shall calculate the Departure Punctuality indicator using the following input data: SOBT, EOFB(best time principle (EOBT, TOBT, TSAT)) and AOBT and it will be measured in number of movements
Title	Departure Punctuality indicator description
Status	<Validated>
Rationale	The Departure Punctuality indicator description as specified in the EXE-06.05.04-VP-013 Validation Plan
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4324
Requirement	<p>The APAMS shall calculate the Departure Punctuality indicator as the percentage of departures with more than thirty minutes of difference between the actual and the scheduled value for the time period configured in the Airport Performance Steering Service.</p> <p>IF (AOBT) X[minutes] = SOBT - AOBT ELSE X[minutes] = SOBT - EOFB</p> <p>M[mvts] = Count #Movements with X > 30 minutes N[%] = M[mvts] / Total #Arrivals</p>
Title	Departure Punctuality indicator calculation rule
Status	<Validated>
Rationale	The Departure Punctuality indicator calculates the number of flights with less than three minutes delay as specified in the EXE-06.05.04-VP-013 Validation Plan
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4334
Requirement	The APAMS shall provide the Departure Punctuality indicator alert and warning for the percentage of ATV with more than thirty minutes between the schedule time and the actual or estimated time
Title	Departure Punctuality indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7600
Requirement	The APAMS shall provide the Departure Punctuality indicators in a char showing: <ul style="list-style-type: none"> - A line showing the percentage of flights with delay bigger than 15 minutes - A line showing the percentage of flights with delay bigger than 30 minutes - The day of operations: 24h - Two horizontal lines indicating the alert threshold for the 15 minutes delay alert and for the 30 minutes delay alert - Refresh time: 10 minutes - A vertical line will separate actual data in the past and estimated data in the future
Title	Departure Punctuality indicator representation
Status	<Validated>
Rationale	Departure Punctuality indicator representation details
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4344
Requirement	The APAMS shall perform a comparison between the calculated value for the thirty minutes delay and the warning threshold level configured in the Airport Performance Steering Service for the Departure Punctuality indicator. If the calculated value is below the threshold a warning shall be

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	raised
Title	Departure Punctuality indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the EXE-06.05.04-VP-013 Validation Plan
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4354
Requirement	The APAMS shall perform a comparison between the calculated value for the thirty minutes delay and the alert threshold level configured in the Airport Performance Steering Service for the Departure Punctuality indicator. If the calculated value is below the threshold an alert shall be raised
Title	Departure Punctuality indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the EXE-06.05.04-VP-013 Validation Plan
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4364
Requirement	In case of a Departure Punctuality alert should be raised the Alarm Code AOM28+ shall be used by default to identify the problem in further processess
Title	Departure Punctuality indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.07.03	N/A
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[REQ]

Identifier	REQ-12.07.03-TS-MONI.4369
Requirement	In case of a Departure Punctuality warning should be raised the Warning Code AOM28+ shall be used by default to identify the problem in further processess
Title	Departure Punctuality indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4374
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Departure Punctuality indicator
Title	Departure Punctuality indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.2.3 Knock-on effect: Flight Cancellations

The Flight Cancellations indicator calculated the number of cancelled flights in a given time period

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1133
Requirement	The APAMS shall calculate the Knock-on effect: Flight Cancellations indicator using the number of cancelled flights and the total number of flights for the operational day, and it will be measured in number of units
Title	Knock-on effect: Flight Cancellations indicator description
Status	<Validated>
Rationale	The Knock-on effect: Flight Cancellations indicator calculates how many cancellations occur in a given time frame
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3934
Requirement	<p>The APAMS shall calculate the Knock-on effect: Flight Cancellations indicator as the number of flights that have been cancelled for the time period configured in the Airport Performance Steering Service</p> <p>IF (STATUS = CAN) X[units] = X[units] + 1</p> <p>For each flight in all the ATVs in the time period configured</p>
Title	Knock-on effect: Flight Cancellations indicator calculation rule
Status	<Validated>
Rationale	The Knock-on effect: Flight Cancellations indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7049
Requirement	<p>The APAMS shall calculate the Knock-on effect: Flight Cancellations indicator as the percentage of the total number of flights that have been cancelled for the time period configured in the Airport Performance Steering Service</p> <p>$Z[\%] = (X[\text{units}] / \text{Total Number of Flights}) * 100$</p>
Title	Knock-on effect: Flight Cancellations indicator calculation rule
Status	<Validated>
Rationale	The Knock-on effect: Flight Cancellations indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.1134
Requirement	The APAMS shall provide the Knock-on effect: Flight Cancellations calculated value measured in number of cancelled flights according to the time period configured in the Airport Performance Steering Service
Title	Knock-on effect: Flight Cancellations indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7619
Requirement	The APAMS shall provide the Knock-on effect: Flight Cancellations indicator in a bar char showing: <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 1 hour - Each bar represents 1 hour - Each bar will represent the number of cancelled flights in that time period
Title	Knock-on effect: Flight Cancellations indicator representation
Status	<Validated>
Rationale	Knock-on effect: Flight Cancellations indicator representation
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1135
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Knock-on effect: Flight Cancellations indicator
Title	Knock-on effect: Flight Cancellations indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1136
Requirement	No Knock-on effect: Flight Cancellations alerts shall be raised
Title	Knock-on effect: Flight Cancellations indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1137
Requirement	No Knock-on effect: Flight Cancellations warnings shall be raised
Title	Knock-on effect: Flight Cancellations indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1138
Requirement	No stakeholder shall be notified in case of Knock-on effect: Flight Cancellations indicator notifications
Title	Knock-on effect: Flight Cancellations indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

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3.1.2.2.2.4 Knock-on effect: AirSpace User Flight Cancellations

The Knock-on effect: AirSpace User Flight Cancellations indicator calculated the number of cancelled flights in a given time period per airspace user

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7061
Requirement	The APAMS shall calculate the Knock-on effect: AirSpace User Flight Cancellations indicator using the number of cancelled flights for a given airspace user, the total number of flights for the operational day and the total number of flights for the airspace user, and it will be measured in number of units
Title	Knock-on effect: Flight Cancellations indicator description
Status	<Validated>
Rationale	The Knock-on effect: Flight Cancellations indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7066
Requirement	The APAMS shall calculate the Knock-on effect: AirSpace User Flight Cancellations indicator as the number of flights that have been cancelled for the time period configured in the Airport Performance Steering Service for a given airspace user IF (STATUS = CAN) X[units] = X[units] + 1 For each flight in all the ATVs of the AirSpace user in the time period configured
Title	Knock-on effect: Flight Cancellations indicator calculation rule
Status	<Validated>
Rationale	The Knock-on effect: Flight Cancellations indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7071
Requirement	The APAMS shall calculate the Knock-on effect: AirSpace User Flight Cancellations indicator as the percentage of the total number of flights that

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	<p>have been cancelled for the time period configured in the Airport Performance Steering Service and for a given airspace user related to the total number of cancelled flights of the operational day</p> $Z[\%] = (X[\text{units}] / \text{Total Number of Flights}) * 100$ <p>For each flight in all the ATVs in the time period configured</p>
Title	Knock-on effect: Flight Cancellations indicator calculation rule
Status	<Validated>
Rationale	The Knock-on effect: Flight Cancellations indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7144
Requirement	<p>The APAMS shall calculate the Knock-on effect: AirSpace User Flight Cancellations indicator as the percentage of the total number of flights that have been cancelled for the time period configured in the Airport Performance Steering Service and for a given airspace user related to the total number of cancelled flights of the operational day for that airspace user</p> $Y[\%] = (X[\text{units}] / \text{Total Number of Flights of the AirSpace User}) * 100$ <p>For each flight in all the ATVs of the AirSpace user in the time period configured</p>
Title	Knock-on effect: Flight Cancellations indicator calculation rule
Status	<Validated>
Rationale	The Knock-on effect: Flight Cancellations indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7149
Requirement	<p>The APAMS shall provide the Knock-on effect: AirSpace User Flight Cancellations calculated value measured as a percentage of the total number of cancelled flights to the airspace user total number of flights for the operational day according to the time period configured in the Airport Performance Steering Service</p>
Title	Knock-on effect: Flight Cancellations indicator value display

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Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7624
Requirement	<p>The APAMS shall provide the Knock-on effect: AirSpace User Flight Cancellations indicator in a bar char showing:</p> <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 1 hour - Each bar represents 1 hour - Each bar will represent the number of cancelled flights per airspace user in that time period
Title	Knock-on effect: Flight Cancellations indicator comparison rule
Status	<Validated>
Rationale	Knock-on effect: Flight Cancellations indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7092
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Knock-on effect: AirSpace User Flight Cancellations indicator
Title	Knock-on effect: Flight Cancellations indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.7097
Requirement	No Knock-on effect: AirSpace User Flight Cancellations alerts shall be raised
Title	Knock-on effect: Flight Cancellations indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7118
Requirement	No Knock-on effect: AirSpace User Flight Cancellations warnings shall be raised
Title	Knock-on effect: Flight Cancellations indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7139
Requirement	No stakeholder shall be notified in case of Knock-on effect: AirSpace User Flight Cancellations indicator notifications
Title	Knock-on effect: Flight Cancellations indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.2.5 Knock-on effect: A/C Changes

The Knock-on effect: A/C Changes indicator calculated the number of ATVs that have changed in a given time period

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.7156
Requirement	The APAMS shall calculate the Knock-on effect: A/C Changes indicator using the number of changes in the A/C of the ATV, and it will be measured in number of units
Title	Knock-on effect: A/C Changes indicator description
Status	<Validated>
Rationale	The Knock-on effect: A/C Changes indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7161
Requirement	The APAMS shall calculate the Knock-on effect: A/C Changes indicator as the number of ATVs that have been changed for the time period configured in the Airport Performance Steering Service IF (Number of changes in the A/C of the ATV > 0) X[units] = X[units] + 1 For every ATV in the time period configured
Title	Knock-on effect: A/C Changes indicator calculation rule
Status	<Validated>
Rationale	The Knock-on effect: A/C Changes indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7166
Requirement	The APAMS shall calculate the Knock-on effect: A/C Changes indicator as the percentage of the total number of flights that have been cancelled for the time period configured in the Airport Performance Steering Service $Y[\%] = (\text{SUM}(X[\text{units}]) / \text{Total Number of ATVs}) * 100$
Title	Knock-on effect: A/C Changes indicator calculation rule
Status	<Validated>
Rationale	The Knock-on effect: A/C Changes indicator calculates how many cancellations occur in a given time frame
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7629
Requirement	The APAMS shall provide the Knock-on effect: A/C Changes indicator in a bar chart showing: <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 1 hour - Each bar represents 1 hour - Each bar will represent the number of a/c changes in that time period
Title	Knock-on effect: A/C Changes indicator comparison rule
Status	<Validated>
Rationale	Knock-on effect: A/C Changes indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7187
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Knock-on effect: A/C Changes indicator
Title	Knock-on effect: A/C Changes indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7192
Requirement	No Knock-on effect: A/C Changes alerts shall be raised
Title	Knock-on effect: A/C Changes indicator alert code
Status	<Validated>

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Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7213
Requirement	No Knock-on effect: A/C Changes warnings shall be raised
Title	Knock-on effect: A/C Changes indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7234
Requirement	No stakeholder shall be notified in case of Knock-on effect: A/C Changes indicator notifications
Title	Knock-on effect: A/C Changes indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.2.6 Diverted Flights

The Diverted Flights indicator calculates the number of diverted flights in a given time period

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6966
Requirement	The APAMS shall calculate the Diverted Flights indicator using the number of diverted flights and the total number of flights for the operational day, and it will be measured in number of units
Title	Diverted Flights indicator description

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Status	<Validated>
Rationale	Diverted Flights indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6971
Requirement	<p>The APAMS shall calculate the Diverted Flights indicator as the number of flights that have been diverted for the time period configured in the Airport Performance Steering Service</p> <p>IF (STATUS = DIV) X[units] = X[units] + 1</p> <p>For each flight in all the ATVs in the time period configured</p>
Title	Diverted Flights indicator calculation rule
Status	<Validated>
Rationale	Diverted Flights indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7038
Requirement	<p>The APAMS shall calculate the Diverted Flights indicator as the percentage of diverted flights to the total number of flights for the operational day for the time period configured in the Airport Performance Steering Service</p> <p>$Z[\%] = (X[\text{units}] / \text{Total Number of Flights}) * 100$</p>
Title	Diverted Flights indicator calculation rule
Status	<Validated>
Rationale	Diverted Flights indicator calculates how many cancellations occur in a given time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7634
Requirement	The APAMS shall provide the Diverted Flights indicator in a bar chart showing: <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 1 hour - Each bar represents 1 hour - Each bar will represent the number of diverted flights per airspace user in that time period
Title	Diverted Flights indicator comparison rule
Status	<Validated>
Rationale	Diverted Flights indicator representation
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6986
Requirement	The APAMS shall not perform any comparison with a predefined threshold level for the Diverted Flights indicator
Title	Diverted Flights indicator comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6991
Requirement	No Diverted Flights indicator alerts shall be raised
Title	Diverted Flights indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7012
Requirement	No Diverted Flights indicator warnings shall be raised
Title	Diverted Flights indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7033
Requirement	No stakeholder shall be notified in case of Diverted Flights indicator notifications
Title	Diverted Flights indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0040	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.2.7 ATFCM Delay

The ATFCM Delay indicator measures the average and peak value of flights departing from the airport with a specific delay

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7240
Requirement	The APAMS shall calculate the ATFCM Delay indicator using the CTOT and the ETOT, and it will be measured in minutes
Title	Departure Delay indicator description
Status	<Validated>
Rationale	The ATFCM Delay indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7245
Requirement	<p>The APAMS shall calculate the ATFCM Delay indicator as the average time difference between the ATFCM Delay per Flight for every ATV for the analysed time period configured in the Airport Performance Steering Service</p> $X[\text{minutes}] = \text{CTOT} - \text{ETOT}$ $\text{Avg} = \frac{\sum[X] \text{ for the analysed period}}{\text{Total number of values}}$
Title	Departure Delay indicator calculation rule
Status	<Validated>
Rationale	The ATFCM Delay indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7250
Requirement	<p>The APAMS shall calculate the ATFCM Delay indicator as the peak of the time difference between the SOBT and AOBT for every ATV for the time period configured in the Airport Performance Steering Service</p> $X[\text{minutes}] = \text{CTOT} - \text{ETOT}$ $\text{Peak} = \max[X] \text{ for the analysed period}$
Title	Departure Delay indicator calculation rule
Status	<Validated>
Rationale	The ATFCM Delay indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.7255
Requirement	The APAMS shall provide the ATFCM Delay indicator alert and warning according to the time period configured in the Airport Performance Steering Service
Title	Departure Delay indicator value display
Status	<Validated>
Rationale	ATFCM Delay Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7659
Requirement	The APAMS shall provide the ATFCM Delay indicator in a bar char showing: <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 10 minutes - Each bar represents 10 minutes - Each bar will represent the average ATFCM Delay and it will be accompanied of a label representing the peak value of that period
Title	ATFCM Delay Indicator representation
Status	<Validated>
Rationale	ATFCM Delay Indicator representation details
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7265
Requirement	The APAMS shall perform a comparison between the ATFCM Delay Average Time calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Departure Delay indicator warning comparison rule
Status	<Validated>
Rationale	ATFCM Delay Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7271
Requirement	The APAMS shall perform a comparison between the ATFCM Delay Peak Time calculated and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Departure Delay indicator warning comparison rule
Status	<Validated>
Rationale	ATFCM Delay Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7277
Requirement	The APAMS shall perform a comparison between the ATFCM Delay Average Time calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Departure Delay indicator alert comparison rule
Status	<Validated>
Rationale	ATFCM Delay Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7283
Requirement	The APAMS shall perform a comparison between the ATFCM Delay Peak Time calculated and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Departure Delay indicator alert comparison rule
Status	<Validated>

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Rationale	ATFCM Delay Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7289
Requirement	In case of a ATFCM Delay alert should be raised the Alarm Code AOM31 shall be used by default to identify the problem in further processess
Title	Departure Delay indicator alert code
Status	<Validated>
Rationale	ATFCM Delay Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7294
Requirement	In case of a ATFCM Delay warning should be raised the Warning Code AOM31 shall be used by default to identify the problem in further processess
Title	Departure Delay indicator warning code
Status	<Validated>
Rationale	ATFCM Delay Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7299
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an issue related to the ATFCM Delay indicator
Title	Departure Delay indicator assigned stakeholder
Status	<Validated>

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Rationale	ATFCM Delay Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.8 Missed TSAT

The APAMS shall calculate the average and peak value of the Missed TSAT per flight value

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7725
Requirement	The APAMS shall calculate the Missed TSAT indicator using a local value y measured in minutes, the TSAT and the ASRT, and it will be measured in units
Title	Missed TSAT indicator description
Status	<Validated>
Rationale	The Missed TSAT indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7730
Requirement	The APAMS shall calculate the Missed TSAT indicator as the average time difference between the Missed TSAT per Flight for every ATV for the analysed time period configured in the Airport Performance Steering Service IF (ASRT is not received at TSAT + y) X[units]=X[units]+1
Title	Missed TSAT indicator calculation rule
Status	<Validated>
Rationale	The Missed TSAT indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.7740
Requirement	The APAMS shall provide the Missed TSAT indicator alert and warning according to the time period configured in the Airport Performance Steering Service
Title	Missed TSAT indicator value display
Status	<Validated>
Rationale	Missed TSAT Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7750
Requirement	The APAMS shall provide the Missed TSAT indicator in a bar char showing: <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 10 minutes - Each bar represents 10 minutes - Each bar will represent the number of ATVs with Missed TSAT and it will be accompanied of a label
Title	Missed TSAT indicator representation
Status	<Validated>
Rationale	Missed TSAT representation details
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7755
Requirement	The APAMS shall perform a comparison between the Missed TSAT indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Missed TSAT indicator warning comparison rule
Status	<Validated>
Rationale	Missed TSAT Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7767
Requirement	The APAMS shall perform a comparison between the Missed TSAT indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Missed TSAT indicator alert comparison rule
Status	<Validated>
Rationale	Missed TSAT Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7779
Requirement	In case of a Missed TSAT alert should be raised the Alarm Code AOM31 shall be used by default to identify the problem in further processess
Title	Missed TSAT indicator alert code
Status	<Validated>
Rationale	Missed TSAT Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7784
Requirement	In case of a Missed TSAT warning should be raised the Warning Code AOM31 shall be used by default to identify the problem in further processess
Title	Missed TSAT indicator warning code
Status	<Validated>
Rationale	Missed TSAT Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7789
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an issue related to the Missed TSAT indicator
Title	Missed TSAT indicator assigned stakeholder
Status	<Validated>
Rationale	Missed TSAT Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.9 Flight Not Compliant with TOBT/TSAT

The APAMS shall calculate the number of ATVs with Flight Not Compliant with TOBT/TSAT

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7794
Requirement	The APAMS shall calculate the Flight Not Compliant with TOBT/TSAT indicator using the TSAT, TOBT and a local value y measured in minutes, and it will be measured in units
Title	Flight Not Compliant with TOBT/TSAT indicator description
Status	<Validated>
Rationale	The Flight Not Compliant with TOBT/TSAT indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7804
Requirement	The APAMS shall calculate the Flight Not Compliant with TOBT/TSAT indicator as the peak of the Flight Not Compliant with TOBT/TSAT per flight for every ATV for the time period configured in the Airport Performance

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	Steering Service
	IF (TSAT is not available into the range [TOBT - y, TOBT]) X[units] = X[units] + 1
Title	Flight Not Compliant with TOBT/TSAT indicator calculation rule
Status	<Validated>
Rationale	The Flight Not Compliant with TOBT/TSAT indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7809
Requirement	The APAMS shall provide the Flight Not Compliant with TOBT/TSAT indicator alert and warning according to the time period configured in the Airport Performance Steering Service
Title	Flight Not Compliant with TOBT/TSAT indicator value display
Status	<Validated>
Rationale	Flight Not Compliant with TOBT/TSAT Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7819
Requirement	<p>The APAMS shall provide the Flight Not Compliant with TOBT/TSAT indicator in a bar chart showing:</p> <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 10 minutes - Each bar represents 10 minutes - Each bar will represent the number of ATVs with Flight Not Compliant with TOBT/TSAT and it will be accompanied of a label
Title	Flight Not Compliant with TOBT/TSAT indicator representation
Status	<Validated>
Rationale	Flight Not Compliant with TOBT/TSAT indicator representation details
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7824
Requirement	The APAMS shall perform a comparison between the Flight Not Compliant with TOBT/TSAT indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Flight Not Compliant with TOBT/TSAT indicator warning comparison rule
Status	<Validated>
Rationale	Flight Not Compliant with TOBT/TSAT Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7836
Requirement	The APAMS shall perform a comparison between the Flight Not Compliant with TOBT/TSAT indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Flight Not Compliant with TOBT/TSAT indicator alert comparison rule
Status	<Validated>
Rationale	Flight Not Compliant with TOBT/TSAT Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7848
Requirement	In case of a Flight Not Compliant with TOBT/TSAT alert should be raised the Alarm Code AOM31 shall be used by default to identify the problem in further processess
Title	Flight Not Compliant with TOBT/TSAT indicator alert code
Status	<Validated>
Rationale	Flight Not Compliant with TOBT/TSAT Indicator alert code to include in the message notification

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7853
Requirement	In case of a Flight Not Compliant with TOBT/TSAT warning should be raised the Warning Code AOM31 shall be used by default to identify the problem in further processess
Title	Flight Not Compliant with TOBT/TSAT indicator warning code
Status	<Validated>
Rationale	Flight Not Compliant with TOBT/TSAT Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7858
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an issue related to the Flight Not Compliant with TOBT/TSAT indicator
Title	Flight Not Compliant with TOBT/TSAT indicator assigned stakeholder
Status	<Validated>
Rationale	Flight Not Compliant with TOBT/TSAT Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.10 Turnaround Predictability RBT

The Turnaround Predictability RBT indicator measures the percentage value of the Turnaround Predictability RBT per Flight deviation

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.7305
Requirement	The APAMS shall calculate the Turnaround Predictability RBT indicator using the ATTT, ETTT and a configured time window [-I1, I1], and it will be measured in a percentage
Title	Turnaround Predictability RBT indicator description
Status	<Validated>
Rationale	The Turnaround Predictability RBT indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7310
Requirement	The APAMS shall calculate the Turnaround Predictability RBT indicator as the percentage of ATVs whose Turnaround Predictability RBT per Flight time falls inside the configured window in the Airport Performance Steering Service, for every ATV for the analysed time period configured in the Airport Performance Steering Service IF ((ATTT - ETTT) in interval [-I1, I1]) X[units] ++ $Z[\%] = X[\text{units}] / \text{Total number of ATVs}$
Title	Turnaround Predictability RBT indicator calculation rule
Status	<Validated>
Rationale	The Turnaround Predictability RBT indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7320
Requirement	The APAMS shall provide the Turnaround Predictability RBT indicator alert and warning
Title	Turnaround Predictability RBT indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7639
Requirement	The APAMS shall provide the Turnaround Predictability RBT indicator in a bar chart showing: <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 10 minutes - Each bar represents 10 minutes - Each bar will represent the percentage of ATVs whose Turnaround Predictability RBT per Flight time falls inside the predicted window
Title	Turnaround Predictability RBT indicator representation
Status	<Validated>
Rationale	Turnaround Predictability RBT indicator representation details
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7330
Requirement	The APAMS shall perform a comparison between the Turnaround Predictability RBT calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Turnaround Predictability RBT indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7342
Requirement	The APAMS shall perform a comparison between the Turnaround Predictability RBT calculated value and the alert threshold level configured

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	in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Turnaround Predictability RBT indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7354
Requirement	In case of a Turnaround Predictability RBT alert should be raised the Alarm Code AOM31 shall be used by default to identify the problem in further processess
Title	Turnaround Predictability RBT indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7359
Requirement	In case of a Turnaround Predictability RBT warning should be raised the Warning Code AOM31 shall be used by default to identify the problem in further processess
Title	Turnaround Predictability RBT indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7364
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Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an issue related to the Turnaround Predictability RBT indicator
Title	Turnaround Predictability RBT indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.11 Turnaround Predictability SBT

The Turnaround Predictability SBT indicator measures the percentage value of the Turnaround Predictability SBT per Flight deviation

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7500
Requirement	The APAMS shall calculate the Turnaround Predictability SBT indicator using the ATTT, the STTT and a configured time window [-I1, I1], and it will be measured in a percentage
Title	Turnaround Predictability SBT indicator description
Status	<Validated>
Rationale	The Turnaround Predictability SBT indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7505
Requirement	<p>The APAMS shall calculate the Turnaround Predictability SBT indicator as the percentage of ATVs whose Turnaround Predictability SBT per Flight time falls inside the configured window in the Airport Performance Steering Service, for every ATV for the analysed time period configured in the Airport Performance Steering Service</p> <p>IF ((ATTT - STTT) in interval [-I1, I1]) X[units] ++</p> <p>$Z[\%] = X[\text{units}] / \text{Total number of ATVs}$</p>
Title	Turnaround Predictability SBT indicator calculation rule
Status	<Validated>
Rationale	The Turnaround Predictability SBT indicator calculates the average delay in departures and marks the peak value on a configured time period

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7510
Requirement	The APAMS shall provide the Turnaround Predictability SBT indicator alert and warning
Title	Turnaround Predictability SBT indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7654
Requirement	The APAMS shall provide the Turnaround Predictability SBT indicator in a bar chart showing: <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 10 minutes - Each bar represents 10 minutes - Each bar will represent the percentage of ATVs whose Turnaround Predictability SBT per Flight time falls inside the predicted window
Title	Turnaround Predictability SBT indicator representation
Status	<Validated>
Rationale	Turnaround Predictability SBT indicator representation details
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7515
Requirement	The APAMS shall perform a comparison between the Turnaround

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	Predictability SBT calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Turnaround Predictability SBT indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7521
Requirement	The APAMS shall perform a comparison between the Turnaround Predictability SBT calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Turnaround Predictability SBT indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7527
Requirement	In case of a Turnaround Predictability SBT alert should be raised the Alarm Code AOM31 shall be used by default to identify the problem in further processess
Title	Turnaround Predictability SBT indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.7532
Requirement	In case of a Turnaround Predictability SBT warning should be raised the Warning Code AOM31 shall be used by default to identify the problem in further processess
Title	Turnaround Predictability SBT indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7537
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an issue related to the Turnaround Predictability SBT indicator
Title	Turnaround Predictability SBT indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.3 Key Performance Area: Efficiency

3.1.2.2.2.3.1 Arrival Delay Block

The Arrival Delay Block indicator measures the ATV average time of arriving to the airport with a specific maximum delay

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1164
Requirement	The APAMS shall calculate the Arrival Delay Block indicator using the SIBT (RBT data, not schedule) and the best time principle {AIBT, TIBT, EIBT} as input data, and it will be measured in minutes
Title	Arrival Delay Block indicator description
Status	<Validated>
Rationale	The Arrival Delay Block indicator calculates the average delay on arrivals and peak value on a configures time frame as specified in the OFA OFA05.01.01

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3939
Requirement	<p>The APAMS shall calculate the Arrival Delay Block indicator as the average time difference between the SIBT and best time principle {AIBT, TIBT, EIBT} for every ATV in the analysed period configured in the Airport Performance Steering Service</p> <p>IF (best time principle {AIBT, TIBT, EIBT} > SIBT) $X[\text{minutes}] = \text{best time principle } \{AIBT, TIBT, EIBT\} - SIBT$</p> <p>Avg = $\text{sum}[X] \text{ for the analysed period} / \text{Total number of values that meet the above condition}$</p>
Title	Arrival Delay Block indicator calculation rule
Status	<Validated>
Rationale	The Arrival Delay Block indicator calculates the average delay on arrivals and peak value on a configured time frame as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4079
Requirement	<p>The APAMS shall calculate the Arrival Delay Block indicator as the peak value for the time difference between the SIBT and best time principle {AIBT, TIBT, EIBT} for every ATV in the analysed period configured in the Airport Performance Steering Service</p> <p>IF (best time principle {AIBT, TIBT, EIBT} > SIBT) $X[\text{minutes}] = \text{best time principle } \{AIBT, TIBT, EIBT\} - SIBT$</p> <p>Peak = $\text{max}[X] \text{ for the analysed period}$</p>
Title	Arrival Delay Block indicator calculation rule
Status	<Validated>
Rationale	The Arrival Delay Block indicator calculates the average delay on arrivals and peak value on a configured time frame as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1165
Requirement	The APAMS shall provide for the Arrival Delay Block indicator alert and warning of the average time difference for every ATV according to the time period configured in the Airport Performance Steering Service
Title	Arrival Delay Block indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1166
Requirement	The APAMS shall provide for the Arrival Delay Block indicator alert and warning of the peak time among all the values calculated according to the time period configured in the Airport Performance Steering Service
Title	Arrival Delay Block indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7601
Requirement	<p>The APAMS shall provide the Arrival Delay Block indicators in a bar chart showing:</p> <ul style="list-style-type: none"> - Each bars represents the arrival average delay in 30 minutes time including a label indicating number of delayed flights and the peak delay in minutes - The day of operations including 2 hours ahead - A horizontal line indicating the alert threshold for the 10 minutes

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	representing the average delay <ul style="list-style-type: none"> - Refresh time: 10 minutes - A vertical line will separate actual data in the past and estimated data in the future - Each thirty minutes slot will show actual data in the past and estimated data in the future
Title	Arrival Delay Block indicator representation
Status	<Validated>
Rationale	Arrival Delay Block indicator representation details
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1167
Requirement	The APAMS shall perform a comparison between the of the Arrival Delay Block Average Time calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold and the number of ATV taken for the calculation is greater than two, a warning shall be raised
Title	Arrival Delay Block indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1168
Requirement	The APAMS shall perform a comparison between the Arrival Delay Block Peak Time calculated and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold and the number of ATV taken for the calculation is greater than two a warning shall be raised
Title	Arrival Delay Block indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1169
Requirement	The APAMS shall perform a comparison between the Arrival Delay Block Average Time calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold and the number of ATV taken for the calculation is greater than two an alert shall be raised
Title	Arrival Delay Block indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1170
Requirement	The APAMS shall perform a comparison between the Arrival Delay Block Peak Time calculated and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold and the number of ATV taken for the calculation is greater than two an alert shall be raised
Title	Arrival Delay Block indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1171
Requirement	In case of an Arrival Delay Block alert should be raised the Alarm Code CDM16 shall be used by default to identify the problem in further processess
Title	Arrival Delay Block indicator alert code

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Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1172
Requirement	In case of an Arrival Delay Block warning should be raised the Warning Code CDM16 shall be used by default to identify the problem in further processess
Title	Arrival Delay Block indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1173
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Arrival Delay Block indicator
Title	Arrival Delay Block indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.3.2 Departure Delay Block

The Departure Delay Block indicator measures the ATV average time of departing from the airport with a specific maximum delay

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.4221
Requirement	The APAMS shall calculate the Departure Delay Block indicator using the SOBT (RBT data, not schedule) and the best time principle {AOBT, EOBT, TOBT, TSAT} as input data, and it will be measured in minutes
Title	Departure Delay Block indicator description
Status	<Validated>
Rationale	The Arrival Delay Block indicator calculates the average delay on arrivals and peak value on a configured time frame as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4226
Requirement	<p>The APAMS shall calculate the Departure Delay Block indicator as the average time difference between the SOBT and best time principle {AOBT, EOBT, TOBT, TSAT} for every ATV in the analysed period configured in the Airport Performance Steering Service</p> <p>IF (best time principle {AOBT, EOBT, TOBT, TSAT} > SOBT) $X[\text{minutes}] = \text{best time principle \{EOBT, TOBT, TSAT\}} - \text{SOBT}$ </p> <p>Avg = sum[X]for the analysed period/Total number of values that meet the above condition</p>
Title	Departure Delay Block indicator calculation rule
Status	<Validated>
Rationale	The Arrival Delay Block indicator calculates the average delay on arrivals and peak value on a configured time frame as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4231
Requirement	The APAMS shall calculate the Departure Delay Block indicator as the peak value for the time difference between the SOBT and the best time principle {AOBT, EOBT, TOBT, TSAT} for every ATV in the analysed period configured in the Airport Performance Steering Service

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	<p>IF (best time principle {AOBT, EOBT, TOBT, TSAT} > SOBT) $X[\text{minutes}] = \text{best time principle } \{EOBT, TOBT, TSAT\} - \text{SOBT}$</p> <p>Peak =max[X] for the analysed period</p>
Title	Departure Delay Block indicator calculation rule
Status	<Validated>
Rationale	The Arrival Delay Block indicator calculates the average delay on arrivals and peak value on a configured time frame as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4240
Requirement	The APAMS shall provide for the Departure Delay Block indicator alert and warning of the average time difference for every ATV according to the time period configured in the Airport Performance Steering Service
Title	Departure Delay Block indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4245
Requirement	The APAMS shall provide for the Departure Delay Block indicator alert and warning of the peak time among all the values calculated according to the time period configured in the Airport Performance Steering Service
Title	Departure Delay Block indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7602
Requirement	<p>The APAMS shall provide the Departure Delay Block indicators in a bar chart showing:</p> <ul style="list-style-type: none"> - Each bars represents the departure average delay in 30 minutes time including a label indicating number of delayed flights and the peak delay in minutes - The day of operations including 2 hours ahead - A horizontal line indicating the alert threshold for the 10 minutes representing the average delay - Refresh time: 10 minutes - A vertical line will separate actual data in the past and estimated data in the future - Each thirty minutes slot will show actual data in the past and estimated data in the future
Title	Departure Delay Block indicator representation
Status	<Validated>
Rationale	Departure Delay Block indicator representation details
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4250
Requirement	<p>The APAMS shall perform a comparison between the Departure Delay Block Average Time calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold and the number of ATV taken for the calculation is greater than two a warning shall be raised</p>
Title	Departure Delay Block indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4255
Requirement	The APAMS shall perform a comparison between the Departure Delay

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	Block Peak Time calculated and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold and the number of ATV taken for the calculation is greater than two a warning shall be raised
Title	Departure Delay Block indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4276
Requirement	The APAMS shall perform a comparison between the Departure Delay Block Average Time calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold and the number of ATV taken for the calculation is greater than two an alert shall be raised
Title	Departure Delay Block indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4281
Requirement	The APAMS shall perform a comparison between the Departure Delay Block Peak Time calculated and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold and the number of ATV taken for the calculation is greater than two an alert shall be raised
Title	Departure Delay Block indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4302
Requirement	In case of a Departure Delay Block alert should be raised the Alarm Code CDM16 shall be used by default to identify the problem in further processess
Title	Departure Delay Block indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4307
Requirement	In case of a Departure Delay Block warning should be raised the Warning Code CDM16 shall be used by default to identify the problem in further processess
Title	Departure Delay Block indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4312
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Departure Delay Block indicator
Title	Departure Delay Block indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.3.3 Departure Delay

The Departure Delay indicator measures the average and peak value of flights departing from the airport with a specific maximum delay

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1249
Requirement	The APAMS shall calculate the Departure Delay indicator using the AOBT, EOBT and the SOBT, and it will be measured in minutes
Title	Departure Delay indicator description
Status	<Validated>
Rationale	The Departure Delay indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.3949
Requirement	<p>The APAMS shall calculate the Departure Delay indicator as the time difference of AOBT/EOBT and SOBT for every ATV for the analysed time period configured in the Airport Performance Steering Service</p> <p>IF (AOBT) X[minutes] = AOBT - SOBT ELSE X[minutes] = EOBT - SOBT</p> <p>Avg = sum[X]for the analysed period/Total number of values</p>
Title	Departure Delay indicator calculation rule
Status	<Validated>
Rationale	The Departure Delay indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.4084
Requirement	The APAMS shall calculate the Departure Delay indicator as the peak time of the time difference of AOBT/EOBT and SOBT for every ATV for the time period configured in the Airport Performance Steering Service IF (AOBT) X[minutes] = AOBT - SOBT ELSE X[minutes] = EOBT - SOBT Peak =max[X] for the analysed period
Title	Departure Delay indicator calculation rule
Status	<Validated>
Rationale	The Departure Delay indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1250
Requirement	The APAMS shall provide the Departure Delay Average Time alert and warning indicator
Title	Departure Delay indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1251
Requirement	The APAMS shall provide the Departure Delay Peak alert and warning indicator
Title	Departure Delay indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7664
Requirement	<p>The APAMS shall provide the Departure Delay indicator in a bar chart showing:</p> <ul style="list-style-type: none"> - The day of operations: 24h - Refresh time: 10 minutes - Rolling: 10 minutes - Each bar represents 10 minutes - Each bar will represent the average Departure Delay and it will be accompanied of a label representing the peak value of that period
Title	Departure Delay indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1252
Requirement	<p>The APAMS shall perform a comparison between the Departure Delay Average Time calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised</p>
Title	Departure Delay indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1253
Requirement	<p>The APAMS shall perform a comparison between the Departure Delay Peak Time calculated and the warning threshold level configured in the Airport</p>

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	Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Departure Delay indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1254
Requirement	The APAMS shall perform a comparison between the Departure Delay Average Time calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Departure Delay indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1255
Requirement	The APAMS shall perform a comparison between the Departure Delay Peak Time calculated and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Departure Delay indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.07.03	N/A
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[REQ]

Identifier	REQ-12.07.03-TS-MONI.1256
Requirement	In case of a Departure Delay alert should be raised the Alarm Code AOM31 shall be used by default to identify the problem in further processess
Title	Departure Delay indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1257
Requirement	In case of a Departure Delay warning should be raised the Warning Code AOM31 shall be used by default to identify the problem in further processess
Title	Departure Delay indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.1258
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an issue related to the Departure Delay indicator
Title	Departure Delay indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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3.1.2.2.3.4 Arrival Delay

The Arrival Delay indicator measures the average and peak value of flights arriving from the airport with a specific maximum delay

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7435
Requirement	The APAMS shall calculate the Arrival Delay indicator using the EIBT, SIBT and AIBT, and it will be measured in minutes
Title	Arrival Delay indicator description
Status	<Validated>
Rationale	The Arrival Delay indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7440
Requirement	<p>The APAMS shall calculate the Arrival Delay indicator as the average time of the Arrival Delay per Flight for every ATV for the analysed time period configured in the Airport Performance Steering Service</p> <p>IF (AIBT) X[minutes] = AIBT - SIBT ELSE X[minutes] = EIBT - SIBT</p> <p>Avg = sum[X]for the analysed period/Total number of values</p>
Title	Arrival Delay indicator calculation rule
Status	<Validated>
Rationale	The Arrival Delay indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7445
Requirement	<p>The APAMS shall calculate the Arrival Delay indicator as the peak of the Arrival Delay per Flight for every ATV for the time period configured in the Airport Performance Steering Service</p> <p>IF (AIBT) X[minutes] = AIBT - SIBT ELSE X[minutes] = EIBT - SIBT</p>

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	Peak =max[X] for the analysed period
Title	Arrival Delay indicator calculation rule
Status	<Validated>
Rationale	The Arrival Delay indicator calculates the average delay in departures and marks the peak value on a configured time period
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7450
Requirement	The APAMS shall provide the Arrival Delay Average Time alert and warning indicator
Title	Arrival Delay indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7455
Requirement	The APAMS shall provide the Arrival Delay Peak alert and warning indicator
Title	Arrival Delay indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7669
Requirement	The APAMS shall provide the Arrival Delay indicator in a bar char showing: - The day of operations: 24h

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	<ul style="list-style-type: none"> - Refresh time: 10 minutes - Rolling: 10 minutes - Each bar represents 10 minutes - Each bar will represent the average Arrival Delay and it will be accompanied of a label representing the peak value of that period
Title	Arrival Delay indicator value display
Status	<Validated>
Rationale	Indicator metric to display
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7460
Requirement	The APAMS shall perform a comparison between the Arrival Delay Average Time calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Arrival Delay indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7466
Requirement	The APAMS shall perform a comparison between the Arrival Delay Peak Time calculated and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Arrival Delay indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>

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<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7472
Requirement	The APAMS shall perform a comparison between the Arrival Delay Average Time calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Arrival Delay indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7478
Requirement	The APAMS shall perform a comparison between the Arrival Delay Peak Time calculated and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Arrival Delay indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7484
Requirement	In case of a Arrival Delay alert should be raised the Alarm Code AOM31 shall be used by default to identify the problem in further processess
Title	Arrival Delay indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7489
Requirement	In case of a Arrival Delay warning should be raised the Warning Code AOM31 shall be used by default to identify the problem in further processess
Title	Arrival Delay indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7494
Requirement	The APOC Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an issue related to the Arrival Delay indicator
Title	Arrival Delay indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.2.3.5 Apron/Stand Infrastructural Efficiency: Category A Stand Availability

The Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator calculates the percentage of occupancy of stands suitable for aircrafts type A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6629
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator using the Apron Demand for Category A Aircrafts indicator in Execution Planning Time Frame and the total number of category A stands
Title	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator description

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Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6634
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator as the percentage of the Apron Demand for Category A Aircrafts in Execution Planning Time Frame to the total number of category A stands. $X[\%] = (\text{Apron Demand for Category A Aircrafts} / \text{Total number of Category A Stands}) * 100$
Title	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6639
Requirement	The APAMS shall provide the Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator calculated value as a percentage according to the time period configured in the Airport Performance Steering Service
Title	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6645
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6651
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

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Identifier	REQ-12.07.03-TS-MONI.6657
Requirement	In case of an Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6662
Requirement	In case of a Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6667
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator
Title	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.3.6 Apron/Stand Infrastructural Efficiency: Category B Stand Availability

The Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator calculates the percentage of occupancy of stands suitable for aircrafts type B

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6849
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator using the Apron Demand for Category B Aircrafts indicator in Execution Planning Time Frame and the total number of category B stands
Title	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator description
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6854
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator as the percentage of the Apron Demand for Category B Aircrafts in Execution Planning Time Frame to the total number of category B stands. $X[\%] = (\text{Apron Demand for Category B Aircrafts} / \text{Total number of Category B Stands}) * 100$
Title	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6859
Requirement	The APAMS shall provide the Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator calculated value as a percentage according to the time period configured in the Airport Performance Steering Service
Title	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6865
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6871
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator calculated

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	value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6877
Requirement	In case of an Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6882
Requirement	In case of a Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6887
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator
Title	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.3.7 Apron/Stand Infrastructural Efficiency: Category C Stand Availability

The Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator calculates the percentage of occupancy of stands suitable for aircrafts type C

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6805
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator using the Apron Demand for Category C Aircrafts indicator in Execution Planning Time Frame and the total number of category C stands
Title	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator description
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.6810
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator as the percentage of the Apron Demand for Category C Aircrafts in Execution Planning Time Frame to the total number of category C stands. $X[\%] = (\text{Apron Demand for Category C Aircrafts} / \text{Total number of Category C Stands}) * 100$
Title	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6815
Requirement	The APAMS shall provide the Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator calculated value as a percentage according to the time period configured in the Airport Performance Steering Service
Title	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6821
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised

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Title	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6827
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6833
Requirement	In case of an Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6838
Requirement	In case of a Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6843
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator
Title	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.2.2.2.3.8 Apron/Stand Infrastructural Efficiency: Category D Stand Availability

The Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator calculates the percentage of occupancy of stands suitable for aircrafts type D

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6761
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator using the Apron Demand for

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	Category D Aircrafts indicator in Execution Planning Time Frame and the total number of category D stands
Title	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator description
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6766
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator as the percentage of the Apron Demand for Category D Aircrafts in Execution Planning Time Frame to the total number of category D stands. $X[\%] = (\text{Apron Demand for Category D Aircrafts} / \text{Total number of Category D Stands}) * 100$
Title	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6771
Requirement	The APAMS shall provide the Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator calculated value as a percentage according to the time period configured in the Airport Performance Steering Service
Title	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational

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	Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6777
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6783
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>

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<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6789
Requirement	In case of an Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6794
Requirement	In case of a Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6799
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator
Title	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in

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	the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.3.9 Apron/Stand Infrastructural Efficiency: Category E Stand Availability

The Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator calculates the percentage of occupancy of stands suitable for aircrafts type E

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6717
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator using the Apron Demand for Category E Aircrafts indicator in Execution Planning Time Frame and the total number of category E stands
Title	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator description
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6722
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator as the percentage of the Apron Demand for Category E Aircrafts in Execution Planning Time Frame to the total number of category E stands. $X[\%] = (\text{Apron Demand for Category E Aircrafts} / \text{Total number of Category E Stands}) * 100$
Title	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6727
Requirement	The APAMS shall provide the Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator calculated value as a percentage according to the time period configured in the Airport Performance Steering Service
Title	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6733
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.6739
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6745
Requirement	In case of an Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6750
Requirement	In case of a Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6755
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator
Title	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.2.2.3.10 Apron/Stand Infrastructural Efficiency: Category F Stand Availability

The Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator calculates the percentage of occupancy of stands suitable for aircrafts type F

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6673
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator using the Apron Demand for Category F Aircrafts indicator in Execution Planning Time Frame and the total number of category F stands
Title	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator description
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6678
Requirement	The APAMS shall calculate the Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator as the percentage of the Apron Demand for Category F Aircrafts in Execution Planning Time Frame to the total number of category F stands. $X[\%] = (\text{Apron Demand for Category F Aircrafts} / \text{Total number of Category F Stands}) * 100$
Title	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator calculation rule
Status	<Validated>
Rationale	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator calculates the number of empty stands to determine whether the nominal capacity is exceeded as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6683
Requirement	The APAMS shall provide the Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator calculated value as a percentage according to the time period configured in the Airport Performance Steering Service
Title	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator value display
Status	<Validated>
Rationale	Indicator metric to display as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6689
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Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator calculated value and the warning threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold a warning shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator warning comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0100	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6695
Requirement	The APAMS shall perform a comparison between the Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator calculated value and the alert threshold level configured in the Airport Performance Steering Service. If the calculated value exceeds the threshold an alert shall be raised
Title	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator alert comparison rule
Status	<Validated>
Rationale	Indicator comparison rule as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0090	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0110	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6701
Requirement	In case of an Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator alert should be raised the Alarm Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator alert code
Status	<Validated>
Rationale	Indicator alert code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6706
Requirement	In case of a Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator warning should be raised the Warning Code AOM30 shall be used by default to identify the problem in further processess
Title	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator warning code
Status	<Validated>
Rationale	Indicator warning code to include in the message notification as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0300	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.6711
Requirement	The Stand Allocation Unit Supervisor shall be the assigned stakeholder configured in the Airport Steering Performance Service by default to be notified whenever there is an alert or warning raised related to the Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator
Title	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator assigned stakeholder
Status	<Validated>
Rationale	Indicator assigned stakeholder to notify issues automatically as specified in the OFA OFA05.01.01 Operational Service and Environment Definition
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.1.2.3 Key Performance Indicators representation

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.7562
Requirement	<p>The APAMS shall provide the Runway Departure Capacity Shortage and Runway Arrival Capacity Shortage indicators in the following format:</p> <ul style="list-style-type: none"> - A bar chart displaying 1 hour in the past and 2 ahead. - Each bars represents 10 minutes demand. - Rolling: 10 minutes - Each ten minutes slot will show two bars: actual movements per hour compared with the scheduled movements per hour in the past, or estimated movements per hour compared with scheduled movements per hour in the future - A vertical line will separate actual data and estimated data
Title	KPI representation
Status	<Validated>
Rationale	KPI representation
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7587
Requirement	<p>The APAMS shall provide the Apron Capacity Shortage: Category A Stand Availability, Apron Capacity Shortage: Category B Stand Availability, Apron Capacity Shortage: Category C Stand Availability, Apron Capacity Shortage: Category D Stand Availability, Apron Capacity Shortage: Category E Stand Availability and Apron Capacity Shortage: Category F Stand Availability indicators in the following format in the Execution time frame:</p> <ul style="list-style-type: none"> - A bar chart displaying 1 hour in the past and 2 ahead. - Each bar represents 10 minutes demand. - Rolling: 10 minutes - Each ten minutes slot will show the demand for each category of stand - Horizontal lines shall show the Actual Stand Capacity for each stand category
Title	Apron Capacity Shortage indicators representation in Execution time frame
Status	<Validated>
Rationale	Apron Capacity Shortage indicators representation in Execution time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0190	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-MONI.7593
Requirement	<p>The APAMS shall provide the Apron Capacity Shortage: Category A Stand Availability, Apron Capacity Shortage: Category B Stand Availability, Apron Capacity Shortage: Category C Stand Availability, Apron Capacity Shortage: Category D Stand Availability, Apron Capacity Shortage: Category E Stand Availability and Apron Capacity Shortage: Category F Stand Availability indicators in the following format in the Medium and Short time frame:</p> <ul style="list-style-type: none"> - A bar chart displaying 1 hour in the past and 2 ahead. - Each bar represents 10 minutes demand. - Rolling: 10 minutes - Each ten minutes slot will show the demand for each category of stand - Horizontal lines shall show the Actual Stand Capacity for each stand category
Title	Apron Capacity Shortage indicators representation in Medium and Short time frame
Status	<Validated>
Rationale	Apron Capacity Shortage indicators representation in Medium and Short time frame
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSD-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-MONI.7674
Requirement	<p>The APAMS shall provide the Apron/Stand Infrastructural Efficiency: Category A Stand Availability, Apron/Stand Infrastructural Efficiency: Category B Stand Availability, Apron/Stand Infrastructural Efficiency: Category C Stand Availability, Apron/Stand Infrastructural Efficiency: Category D Stand Availability, Apron/Stand Infrastructural Efficiency: Category E Stand Availability and Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicators in the following format in the Execution time frame:</p> <ul style="list-style-type: none"> - A bar chart displaying 1 hour in the past and 2 ahead. - Each bar represents 10 minutes demand. - Rolling: 10 minutes - Each ten minutes slot will show the demand for each category of stand - Horizontal lines shall show the percentage of demand for each stand category
Title	Apron Capacity Shortage indicators representation in Medium and Short time frame
Status	<Validated>
Rationale	Apron Capacity Shortage indicators representation in Medium and Short time frame
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0170	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-OSED-APMO.0180	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.3 Steering Performance Service requirements

3.1.3.1 Steering Performance Service general requirements

[REQ]

Identifier	REQ-12.07.03-TS-STEE.2028
Requirement	The APAMS shall address all Key Performance Indicators calculated by it grouped by Key Performance Area.
Title	KPI addressing
Status	<Validated>
Rationale	KPI addressing
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APSO.0010	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APSO.0020	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.2033
Requirement	The APAMS shall allow to activate or de-activate warning messages from Key Performance Indicators
Title	Warning deactivation
Status	<Validated>
Rationale	Warning deactivation
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APSO.0040	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APSO.0006	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APSO.0002	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.2038
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Requirement	The APAMS shall allow to activate or de-activate alert messages from Key Performance Indicators
Title	Alert deactivation
Status	<Validated>
Rationale	Alert deactivation
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APSO.0040	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APSO.0006	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APSO.0002	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.2043
Requirement	The APAMS shall allow the configuration of the threshold value against which an alert is created for each indicator
Title	Alert threshold
Status	<Validated>
Rationale	Alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APSO.0060	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APSO.0007	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APSO.0003	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0001	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0003	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0004	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0006	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0007	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0008	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0009	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.2044
Requirement	The APAMS shall allow the configuration of the threshold value against which an warning is created for each indicator
Title	Warning threshold
Status	<Validated>
Rationale	Warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APSO.0050	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APSO.0007	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APSO.0003	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0001	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0003	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0004	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0006	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0007	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0008	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-STPF.0009	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.2053
Requirement	The APAMS shall allow the configuration of the assigned stakeholder for Key Performance Indicators to notify issues related to performance
Title	Assigned stakeholder configuration
Status	<Validated>
Rationale	Assigned stakeholder configuration
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.3678
Requirement	The APAMS shall allow the configuration of the alert code to identify an alert raised
Title	Alert code configuration
Status	<Validated>
Rationale	Alert code configuration
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.3679
Requirement	The APAMS shall allow the configuration of the warning code to identify an warning raised
Title	Warning code configuration
Status	<Validated>
Rationale	Warning code configuration
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APSO.0070	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.3814
Requirement	The APAMS shall allow the configuration of permissions to access the different modules for every user in the system
Title	Permissions configuration
Status	<Validated>
Rationale	Permissions configuration
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.2010	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-AOIP.2020	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0014	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-MDEC.2610	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0010	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-ADCO.0012	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APMO.0010	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.3853
Requirement	The APAMS shall allow the configuration of the periodicity to perform calculations of the Key Performance Indicators for each time frame
Title	Time configurations
Status	<Validated>
Rationale	Time configurations
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APMO.0050	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APMO.0060	<Partial>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APMO.0070	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.3848
Requirement	The APAMS shall allow the configuration of time period to perform the calculations of every Key Performance Indicator during the Execution time frame

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Title	Time period configuration
Status	<Validated>
Rationale	Time period configuration
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-OSED-APMO.0020	<Partial>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-STEE.5159
Requirement	The APAMS will require the following information in order to calculate any Key Performance Indicator: <ul style="list-style-type: none"> - Alert/warning/event message - Threshold value - Assigned stakeholder - Alert/warning/event code - Access permissions - Indicator calculation periodicity - Time period calculation
Title	Configuration restrictions
Status	<Validated>
Rationale	Configuration restrictions
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0030	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.1.4 Post Operations Performance Service Requirements

3.1.4.1 Data Processing

[REQ]

Identifier	REQ-12.07.03-TS-PoDR.3651
Requirement	The Airport Post Operations Performance Service shall record and keep updated the alert and warning messages generated by the Airport Monitor Performance Service
Title	Alert and warning information in the Post Operations Service
Status	<Validated>
Rationale	Alert and warning information in the Post Operations Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-OSED-POPS.0001	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PoDR.3652
Requirement	The Airport Post Operations Performance Service shall record and keep updated the Solution Messages generated by the Airport Manage Performance Service
Title	Solution messages information in the Post Operations Service
Status	<Validated>
Rationale	Solution messages information in the Post Operations Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-OSED-POPS.0001	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PoDR.3688
Requirement	The Airport Post Operations Performance Service shall record and keep updated the planned and actual operational data contained in the AOP
Title	Planned and actual operations data in the Post Operations service
Status	<Validated>
Rationale	Planned and actual operations data in the Post Operations service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-OSED-POPS.0001	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PoDR.3693
Requirement	The Airport Post Operations Performance Service shall record the configurations and agreed parameters
Title	Configuration of agreed parameters
Status	<Validated>
Rationale	Configuration of agreed parameters
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-OSED-POPS.0001	<Partial>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PoDR.3661
Requirement	The Airport Post Operations Performance Service shall record the date and time of any new data creation or any data updates from ATVs, KPIs, events, Overall Impact Messages, Solution Messages, alerts and warnings.
Title	Date and time of new data creation
Status	<Validated>
Rationale	Date and time of new data creation
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-OSED-POPS.0002	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PoDR.3666
Requirement	The Airport Post Operations Performance Service shall record the source of the data recorded

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<Enabler>	AIRPORT-41	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-OSED-POPS.0003	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.2 Adaptability

N/A

3.3 Performance Characteristics

3.3.1 Performance Characteristics

3.3.1.1 Steering Performance Service

[REQ]

Identifier	REQ-12.07.03-TS-PeST.3698
Requirement	The APAMS may allow real time access and modifications of the configuration of all Key Performance Indicators calculated by it according to

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	the configuration defined in the Airport Performance Steering Service
Title	Access to Airport Performance Monitoring Service
Status	<Validated>
Rationale	It allows the revision of KPis elements
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-APSO.0001	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.3.1.2 Post Operations Performance Service

[REQ]

Identifier	REQ-12.07.03-TS-PePO.3812
Requirement	The APAMS may allow real time access to the recorded data to the Post Operations Analyst according to the configuration configured in the Airport Steering Performance Service
Title	Recorded data accessibility for post operations analysis
Status	<Validated>
Rationale	It allows a regular real time review and check of the data provided by the Post Operations Analysis Service
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0002	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

3.3.1.3 Monitoring Performance Service

[REQ]

Identifier	REQ-12.07.03-TS-PeMO.3779
Requirement	The elements of the APAMS may be updated with the periodicity defined in the Performance Steering Function to ensure their knowledge by all stakeholders in case they have to react immediately to an alert or warning.
Title	Periodicity updating APAMS elements
Status	<Validated>
Rationale	To ensure the common situation awareness of stakeholders in case they need to take immediate action by the time an alert or warning is detected
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-APMO.0220	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PeMO.3787
Requirement	The APAMS may inform the Administrator Airport System in real time if KPI values are not calculated in the right time frame defined in the Performance Steering Function.
Title	Calculation KPIs values according to the time frame
Status	<In Progress>
Rationale	This requirement ensures that the APAMS contains the information for the calculation of performance values in the right time frame, improving accuracy of the calculated value at any time
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-APMO.0040	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PeMO.3792
Requirement	The APAMS may inform the Administrator Airport System in real time if KPIs updating is not performed at appropriate periodicity for the Medium Term Planning time frame defined in the Steering Airport Performance Service ensuring the regular update of KPIs.
Title	Periodicity KPI calculation in the Medium Term Planning time frame
Status	<In Progress>
Rationale	This requirement ensures the regular update of KPIs according to actual operational data available in the AOP, improving the common situation awareness at any time
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-APMO.0050	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PeMO.3797
Requirement	The AOP may inform the Administrator Airport System in real time if KPIs updating is not performed at appropriate periodicity for the Short Term Planning time frame defined in the Steering Airport Performance Service, ensuring the regular update of KPIs.
Title	Periodicity KPI calculation in the Short Term Planning time frame
Status	<In Progress>
Rationale	This requirement ensures the regular update of KPIs according to actual

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	operational data available in the AOP, improving the common situation awareness at any time
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-APMO.0060	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PeMO.3802
Requirement	The AOP may inform the Administrator Airport System in real time if KPIs updating is not performed at appropriate periodicity for the Execution time frame defined in the Steering Airport Performance Service, ensuring the regular update of KPIs.
Title	Periodicity KPI calculation in the Execution Time frame
Status	<In Progress>
Rationale	This requirement ensures the regular update of KPIs according to actual operational data available in the AOP, improving the common situation awareness at any time
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-APMO.0070	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

[REQ]

Identifier	REQ-12.07.03-TS-PeMO.3807
Requirement	The AOP may inform the Administrator Airport System in real time if the periodicity of comparison of calculated KPI values against warning or alert value is not made in the right time frame defined in the Steering Airport Performance Service.
Title	Periodicity KPI comparison of calculated values against warning or alert value
Status	<In Progress>
Rationale	This requirement ensures to identify any deviation from the KPI threshold values and alert level at the moment they occur to take immediate action
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-APMO.0090	<Full>
<ALLOCATED TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

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[REQ]

Identifier	REQ-12.07.03-TS-PeMO.7878
Requirement	The AOP may inform the Administrator Airport System in real time if the periodicity of the KPI publication does not occur in the timeframe defined by the Steering Airport Performance Service
Title	Periodicity KPI comparison of calculated values against warning or alert value
Status	<In Progress>
Rationale	This requirement ensures to identify any deviation from the KPI threshold values and alert level at the moment they occur to take immediate action
Category	<Functional>
Validation Method	
Verification Method	<Test>

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-APMO.0090	<Full>
<ALLOCATED_TO>	<Functional block>	Airport Operations Plan Performance	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.07.03	N/A

3.4 Safety & Security

N/A

3.5 Maintainability

N/A

3.6 Reliability

N/A

3.7 Functional block Internal Data Requirements

N/A

3.8 Design and Construction Constraints

N/A

3.9 Functional block Interface Requirements

All requirements regarding the interfaces between this prototype and other systems are included in the paragraph 3.1.

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4 Assumptions

It should be noted that there are dedicated sections of the document reserved for non-functional requirements, focused on Safety, Security and Performance characteristics, however due to the nature of the software development (prototype), the implementation of these non-functional requirements are not mandatory and will be under the consideration of each developer. These requirements can be considered as recommendations during the industrialization phase.

Regarding the generation of reports in the Perform Post Operational Analysis Service, it is assumed that they will be generated by a Commercial off-the-shelf platform. APAMS prototype will not include this functionality, and therefore, will not publish, send, store, or do any operation with any report.

5 References

- [1] Template Toolbox 03.00.00
<https://extranet.sesarju.eu/Programme%20Library/SESAR%20Template%20Toolbox.dot>
- [2] Requirements and V&V Guidelines 03.00.00
<https://extranet.sesarju.eu/Programme%20Library/Requirements%20and%20VV%20Guidelines.doc>
- [3] Templates and Toolbox User Manual 03.00.00
<https://extranet.sesarju.eu/Programme%20Library/Templates%20and%20Toolbox%20User%20Manual.doc>
- [4] EUROCONTROL ATM Lexicon
<https://extranet.eurocontrol.int/http://atmlexicon.eurocontrol.int/en/index.php/SESAR>
- [5] B.04.03-D95-ADD Step 1 V00.02.02, April 2015
- [6] IEEE / MIL Standards
- [7] P12.01.07 – D22 - Technical Architecture Description (TAD) Ed. 00.03.00 – 19/12/14
- [8] P6.5.4.-DEL- Initial Operational Concept_00.02.00.pdf Ed. 00.02.00 Mar-2011
- [9] P6.5.4 - OFA OFA05.01.01 Operational Service and Environment Definition Ed. 00.03.00 24/12/2014
- [10] P6.5.4 - OFA OFA05.01.01 Interoperability Requirements (INTEROP) document Ed 00.02.03 - 31/03/2015
- [11] P6.5.4 - OFA OFA05.01.01 Preliminary Safety and Performance Requirements Document, Ed 00.02.00 - 27/03/2015
- [12] 12.07.03 - D20 - Phase 3 - System Technical Requirements
- [13] 12.07.03 - D13 - Phase 2 - System Technical Requirements
- [14] 12.07.03 - D06 - System Technical Requirements
- [15] Integrated Roadmap, Dataset n°14
<https://www.atmmasterplan.eu/working/sign-in>,

5.1 Use of copyright / patent material /classified material

N/A

5.1.1 Classified Material

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Appendix A Summary of Key Performance Indicators

Timeframe	Key Performance Area	Key Performance Indicator
Medium and Short Term	Capacity	Runway Arrival Capacity Shortage
Medium and Short Term	Capacity	Runway Departure Capacity Shortage
Medium and Short Term	Capacity	Apron Demand for Category A Aircrafts
Medium and Short Term	Capacity	Apron Demand for Category B Aircrafts
Medium and Short Term	Capacity	Apron Demand for Category C Aircrafts
Medium and Short Term	Capacity	Apron Demand for Category D Aircrafts
Medium and Short Term	Capacity	Apron Demand for Category E

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		Aircrafts
Medium and Short Term	Capacity	Apron Demand for Category F Aircrafts
Medium and Short Term	Capacity	Apron Capacity Shortage: Large Stand Availability
Medium and Short Term	Capacity	Apron Capacity Shortage: Small Stand Availability
Medium and Short Term	Capacity	Apron Capacity Shortage: Category A Stand Availability
Medium and Short Term	Capacity	Apron Capacity Shortage: Category B Stand Availability
Medium and Short Term	Capacity	Apron Capacity Shortage: Category C Stand Availability
Medium and Short Term	Capacity	Apron Capacity Shortage: Category D Stand Availability
Medium and Short Term	Capacity	Apron Capacity Shortage: Category E Stand Availability

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Medium and Short Term	Capacity	Apron Capacity Shortage: Category F Stand Availability
Execution Term	Capacity	Runway Arrival Capacity Shortage
Execution Term	Capacity	Runway Departure Capacity Shortage
Execution Term	Capacity	Runway Capacity Change
Execution Term	Capacity	Security Control Capacity
Execution Term	Capacity	Apron Demand for Category A Aircrafts
Execution Term	Capacity	Apron Demand for Category B Aircrafts
Execution Term	Capacity	Apron Demand for Category C Aircrafts
Execution Term	Capacity	Apron Demand for Category D Aircrafts

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Execution Term	Capacity	Apron Demand for Category E Aircrafts
Execution Term	Capacity	Apron Demand for Category F Aircrafts
Execution Term	Capacity	Apron Capacity Shortage: Large Stand Availability
Execution Term	Capacity	Apron Capacity Shortage: Small Stand Availability
Execution Term	Capacity	Apron Capacity Shortage: Category A Stand Availability
Execution Term	Capacity	Apron Capacity Shortage: Category B Stand Availability
Execution Term	Capacity	Apron Capacity Shortage: Category C Stand Availability
Execution Term	Capacity	Apron Capacity Shortage: Category D Stand Availability
Execution Term	Capacity	Apron Capacity Shortage: Category E

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		Stand Availability
Execution Term	Capacity	Apron Capacity Shortage: Category F Stand Availability
Execution Term	Predictability	Arrival Punctuality
Execution Term	Predictability	Departure Punctuality
Execution Term	Predictability	Knock-on effect: Flight Cancellations
Execution Term	Predictability	Knock-on effect: AirSpace User Flight Cancellations
Execution Term	Predictability	Knock-on effect: A/C Changes
Execution Term	Predictability	Diverted Flights
Execution Term	Predictability	ATFCM Delay
Execution Term	Predictability	Missed TSAT
Execution Term	Predictability	Flight Not Compliant with

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		TOBT/TSAT
Execution Term	Predictability	Turnaround Predictability RBT
Execution Term	Predictability	Turnaround Predictability SBT
Execution Term	Efficiency	Arrival Delay Block
Execution Term	Efficiency	Departure Delay Block
Execution Term	Efficiency	Apron/Stand Infrastructural Efficiency
Execution Term	Efficiency	Arrival Delay
Execution Term	Efficiency	Departure Delay
Execution Term	Efficiency	Apron/Stand Infrastructural Efficiency: Category A Stand Availability
Execution Term	Efficiency	Apron/Stand Infrastructural Efficiency: Category B Stand Availability

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Execution Term	Efficiency	Apron/Stand Infrastructural Efficiency: Category C Stand Availability
Execution Term	Efficiency	Apron/Stand Infrastructural Efficiency: Category D Stand Availability
Execution Term	Efficiency	Apron/Stand Infrastructural Efficiency: Category E Stand Availability
Execution Term	Efficiency	Apron/Stand Infrastructural Efficiency: Category F Stand Availability

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Appendix B Traceability

Requirement	Title	Verified	Traceability
REQ-12.07.03-TS-MANA.0015	Warning analysis	Phase 3	REQ-06.05.04-SPR-AOIP.0001 REQ-06.05.04-OSED-AOIP.1000
REQ-12.07.03-TS-MANA.0021	Alert analysis	Phase 3	REQ-06.05.04-SPR-AOIP.0001 REQ-06.05.04-OSED-AOIP.1000
REQ-12.07.03-TS-MANA.5147	Event analysis	Phase 3	REQ-06.05.04-SPR-AOIP.0003 REQ-06.05.04-OSED-AOIP.1060
REQ-12.07.03-TS-MANA.0034	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1100 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0039	Overall Impact Message content	Phase 3	REQ-06.05.04-OSED-AOIP.1030
REQ-12.07.03-TS-MANA.0044	Overall Impact Message content	Phase 3	REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0121	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1201 REQ-06.05.04-OSED-AOIP.1040
REQ-12.07.03-TS-MANA.0049	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1202 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0122	Overall Impact Message content	Phase 3	REQ-06.05.04-OSED-AOIP.1040
REQ-12.07.03-TS-MANA.0054	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1203 REQ-06.05.04-OSED-AOIP.1020

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REQ-12.07.03-TS-MANA.0059	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1204 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0064	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1205 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0069	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1206 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0074	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1207 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0127	Overall Impact Message content	Phase 3	REQ-06.05.04-OSED-AOIP.1040
REQ-12.07.03-TS-MANA.0079	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1208 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0084	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1209 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0089	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1300 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0096	Overall Impact Message content	Phase 3	REQ-06.05.04-INTEROP-AOIP.1400 REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.7888	Overall Impact Message content	Phase 3	REQ-06.05.04-OSED-AOIP.1020
REQ-12.07.03-TS-MANA.0105	Overall Impact Message completion	Phase 3	REQ-06.05.04-SPR-AOIP.0008 REQ-06.05.04-SPR-AOIP.0002 REQ-06.05.04-OSED-AOIP.6010

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REQ-12.07.03-TS-MANA.0158	Alerts/Warnings historic data access	Phase 3	REQ-06.05.04-SPR-AOIP.0006 REQ-06.05.04-OSED-ADCO.0013 REQ-06.05.04-OSED-AOIP.3020
REQ-12.07.03-TS-MANA.1933	Information Access	Phase 3	REQ-06.05.04-OSED-AOIP.2010
REQ-12.07.03-TS-MANA.1938	Information access	Phase 3	REQ-06.05.04-OSED-AOIP.2020
REQ-12.07.03-TS-MANA.7884	Send OIM	Phase 3	REQ-06.05.04-OSED-AOIP.5045
REQ-12.07.03-TS-MANA.7885	OIM update notification	Phase 3	REQ-06.05.04-OSED-AOIP.5046
REQ-12.07.03-TS-MANA.7889	OIM update	Phase 3	REQ-06.05.04-OSED-AOIP.5046
REQ-12.07.03-TS-MANA.7886	Cancel OIM	Phase 3	REQ-06.05.04-OSED-AOIP.5060
REQ-12.07.03-TS-MANA.0164	Overall Impact Message publish	Phase 3	REQ-06.05.04-INTEROP-AOIP.1000 REQ-06.05.04-OSED-AOIP.7010
REQ-12.07.03-TS-MANA.7887	Overall Impact Message publish	Phase 3	REQ-06.05.04-OSED-AOIP.5070 REQ-06.05.04-INTEROP-AOIP.1000
REQ-12.07.03-TS-MANA.0208	Solution Message instantiation	Phase 3	REQ-06.05.04-SPR-MDEC.0001 REQ-06.05.04-OSED-MDEC.0100
REQ-12.07.03-TS-MANA.0308	Overall Impact Message access	Phase 3	REQ-06.05.04-OSED-ADCO.0014
REQ-12.07.03-TS-MANA.0172	Solution Message content	Phase 3	REQ-06.05.04-INTEROP-MDEC.5001 REQ-06.05.04-OSED-MDEC.0110
REQ-12.07.03-TS-MANA.0238	Solution Message content	Phase 3	REQ-06.05.04-OSED-MDEC.0110

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REQ-12.07.03-TS-MANA.0183	Solution Message content	Phase 3	REQ-06.05.04-INTEROP-MDEC.5002 REQ-06.05.04-OSED-MDEC.0110
REQ-12.07.03-TS-MANA.1729	Solution Message content	Phase 3	REQ-06.05.04-OSED-MDEC.6013 REQ-06.05.04-OSED-MDEC.0110
REQ-12.07.03-TS-MANA.0188	Solution Message content	Phase 3	REQ-06.05.04-INTEROP-MDEC.5003 REQ-06.05.04-OSED-MDEC.0110
REQ-12.07.03-TS-MANA.0193	Solution Message content	Phase 3	REQ-06.05.04-INTEROP-MDEC.5006 REQ-06.05.04-OSED-MDEC.0110
REQ-12.07.03-TS-MANA.0198	Solution Message content	Phase 3	REQ-06.05.04-INTEROP-MDEC.5005 REQ-06.05.04-INTEROP-MDEC.4000 REQ-06.05.04-INTEROP-MDEC.3000 REQ-06.05.04-OSED-MDEC.0110
REQ-12.07.03-TS-MANA.0203	Solution Message content	Phase 3	REQ-06.05.04-INTEROP-MDEC.5004 REQ-06.05.04-OSED-MDEC.0110
REQ-12.07.03-TS-MANA.0228	Predefined temporal goals	Phase 3	REQ-06.05.04-SPR-MDEC.0003 REQ-06.05.04-SPR-MDEC.0010 REQ-06.05.04-OSED-MDEC.2610
REQ-12.07.03-TS-MANA.0233	Predefined temporal additional goals	Phase 2	REQ-06.05.04-OSED-MDEC.2600
REQ-12.07.03-TS-MANA.0278	Solution Message edition	Phase 3	REQ-06.05.04-SPR-MDEC.0008 REQ-06.05.04-OSED-MDEC.6016
REQ-12.07.03-TS-MANA.0213	Overall Impact Message access	Phase 3	REQ-06.05.04-SPR-MDEC.0006 REQ-06.05.04-OSED-MDEC.1000

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REQ-12.07.03-TS-MANA.0273	Candidate Solutions	Phase 3	REQ-06.05.04-SPR-MDEC.0004 REQ-06.05.04-OSED-MDEC.3011
REQ-12.07.03-TS-MANA.1763	Candidate Solutions	Phase 3	REQ-06.05.04-OSED-MDEC.3016
REQ-12.07.03-TS-MANA.0283	Ad-hoc solutions	Phase 3	REQ-06.05.04-SPR-MDEC.0011 REQ-06.05.04-OSED-MDEC.3014
REQ-12.07.03-TS-MANA.0288	Ad-hoc solutions	Phase 3	REQ-06.05.04-OSED-MDEC.3015
REQ-12.07.03-TS-MANA.1943	Candidate Solutions	Phase 3	REQ-06.05.04-OSED-MDEC.5030
REQ-12.07.03-TS-MANA.1948	Candidate Solutions	Phase 3	REQ-06.05.04-SPR-MDEC.0005 REQ-06.05.04-OSED-MDEC.5050
REQ-12.07.03-TS-MANA.0268	Predefined Solution Table Access	Phase 3	REQ-06.05.04-SPR-MDEC.0004 REQ-06.05.04-OSED-MDEC.3010
REQ-12.07.03-TS-MANA.0293	Solution Message publication	Phase 3	REQ-06.05.04-INTEROP-MDEC.5000 REQ-06.05.04-OSED-MDEC.6014
REQ-12.07.03-TS-MANA.0263	Predefined Solution Table	Phase 3	REQ-06.05.04-OSED-MDEC.3000
REQ-12.07.03-TS-MANA.0313	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1002 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0314	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1003 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0315	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1004 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0316	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1005

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			REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0317	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1006 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0318	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1007 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0319	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1008 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0320	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1009 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0321	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1010 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0322	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1011 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0323	Predefined Solution Table content	Phase 3	REQ-06.05.04-SPR-ADCO.1012 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0324	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1013 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.0325	Predefined Solution Table content	Phase 3	REQ-06.05.04-INTEROP-ADCO.1014 REQ-06.05.04-OSED-ADCO.0015
REQ-12.07.03-TS-MANA.1953	Predefined Solution Table content	Phase 3	REQ-06.05.04-OSED-ADCO.0011
REQ-12.07.03-TS-MANA.0298	Predefined Solution Table	Phase 3	REQ-06.05.04-INTEROP-ADCO.1001

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			REQ-06.05.04-OSED-ADCO.0010
REQ-12.07.03-TS-MANA.0303	Predefined Solution Table access restrictions	Phase 3	REQ-06.05.04-OSED-ADCO.0012
REQ-12.07.03-TS-MONI.1802	Input data accessible for calculations	Phase 2	REQ-06.06.02-SPR-APMO.0180 REQ-06.06.02-OSED-APMO.0010
REQ-12.07.03-TS-MONI.5285	Calculations input data	Phase 2	REQ-06.06.02-OSED-APMO.0010
REQ-12.07.03-TS-MONI.5137	Real time access to users data	Phase 2	REQ-06.06.02-SPR-APMO.0020 REQ-06.06.02-SPR-APMO.0010 REQ-06.06.02-OSED-APMO.0010
REQ-12.07.03-TS-MONI.1863	Key performance Indicators basic information	Phase 2	REQ-06.06.02-OSED-APMO.0020
REQ-12.07.03-TS-MONI.1866	Key performance Indicators basic information	Phase 2	REQ-06.06.02-OSED-APMO.0020
REQ-12.07.03-TS-MONI.1867	Key performance Indicators basic information	Phase 2	REQ-06.06.02-OSED-APMO.0020
REQ-12.07.03-TS-MONI.1899	Key performance Indicators basic information	Phase 2	REQ-06.06.02-OSED-APMO.0020
REQ-12.07.03-TS-MONI.1900	Key performance Indicators basic information	Phase 2	REQ-06.06.02-SPR-APMO.0200 REQ-06.06.02-OSED-APMO.0020
REQ-12.07.03-TS-MONI.1901	Key performance Indicators basic information	Phase 2	REQ-06.06.02-SPR-APMO.0200 REQ-06.06.02-OSED-APMO.0020
REQ-12.07.03-TS-MONI.1918	Key performance Indicators basic information	Phase 2	REQ-06.06.02-OSED-APMO.0020
REQ-12.07.03-TS-MONI.1919	Key performance Indicators basic information	Phase 2	REQ-06.06.02-OSED-APMO.0020
REQ-12.07.03-TS-MONI.1809	Calculation formulas for indicators	Phase 2	REQ-06.06.02-OSED-APMO.0030
REQ-12.07.03-TS-MONI.3753	Alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0090

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REQ-12.07.03-TS-MONI.3754	Warning comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.1963	Key Performance Indicators alerts display	Phase 2	REQ-06.06.02-SPR-APMO.0170 REQ-06.06.02-OSD-APMO.0210
REQ-12.07.03-TS-MONI.1973	Key Performance Indicators warnings display	Phase 2	REQ-06.06.02-OSD-APMO.0210
REQ-12.07.03-TS-MONI.0382	Calculation frequency for Medium Term Planning Time frame	Phase 2	REQ-06.06.02-OSD-APMO.0240 REQ-06.06.02-OSD-APMO.0050
REQ-12.07.03-TS-MONI.0388	Calculation frequency for Short Term Planning Time frame	Phase 2	REQ-06.06.02-OSD-APMO.0240 REQ-06.06.02-OSD-APMO.0060
REQ-12.07.03-TS-MONI.0393	Calculation frequency for Execution Term Planning Time frame	Phase 2	REQ-06.06.02-OSD-APMO.0240 REQ-06.06.02-OSD-APMO.0070
REQ-12.07.03-TS-MONI.1814	Calculation time frame for each indicator	Phase 2	REQ-06.06.02-OSD-APMO.0250 REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.1978	AOP updates	Phase 2	REQ-06.06.02-OSD-APMO.0310
REQ-12.07.03-TS-MONI.0398	Warning comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0100
REQ-12.07.03-TS-MONI.0403	Alert comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0110
REQ-12.07.03-TS-MONI.1853	Warning messages	Phase 2	REQ-06.06.02-OSD-APMO.0260
REQ-12.07.03-TS-MONI.1854	Alert messages	Phase 2	REQ-06.06.02-OSD-APMO.0260
REQ-12.07.03-TS-MONI.1984	Alert messages content	Phase 2	REQ-06.06.02-OSD-APMO.0300 REQ-06.06.02-OSD-APMO.0290
REQ-12.07.03-TS-MONI.1989	Warning messages content	Phase 2	REQ-06.06.02-OSD-APMO.0300 REQ-06.06.02-OSD-APMO.0290
REQ-12.07.03-TS-MONI.1828	Key performance indicators publishing rules	Phase 2	REQ-06.06.02-SPR-APMO.0130 REQ-06.05.04-INTEROP-

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			<p>PERF.0504</p> <p>REQ-06.05.04-INTEROP- PERF.0203</p> <p>REQ-06.05.04-INTEROP- PERF.0201</p> <p>REQ-06.05.04-INTEROP- PERF.0206</p> <p>REQ-06.05.04-INTEROP- PERF.0120</p> <p>REQ-06.05.04-INTEROP- PERF.0119</p> <p>REQ-06.05.04-INTEROP- PERF.0118</p> <p>REQ-06.05.04-INTEROP- PERF.0115</p> <p>REQ-06.05.04-INTEROP- PERF.0112</p> <p>REQ-06.05.04-INTEROP- PERF.0111</p> <p>REQ-06.05.04-INTEROP- PERF.0109</p> <p>REQ-06.05.04-INTEROP- PERF.0108</p> <p>REQ-06.05.04-INTEROP- PERF.0105</p> <p>REQ-06.05.04-INTEROP- PERF.0107</p> <p>REQ-06.05.04-INTEROP- PERF.0103</p> <p>REQ-06.05.04-INTEROP- PERF.0102</p> <p>REQ-06.05.04-INTEROP- PERF.0101</p> <p>REQ-06.06.02-OSD-APMO.0120</p>
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REQ-12.07.03-TS-MONI.1958	Key performance indicators information filters	Phase 2	REQ-06.06.02-OSED-APMO.0160
REQ-12.07.03-TS-MONI.0408	Publishing frequency	Phase 2	REQ-06.06.02-OSED-APMO.0130
REQ-12.07.03-TS-MONI.1823	AOP updates	Phase 2	REQ-06.06.02-OSED-APMO.0080
REQ-12.07.03-TS-MONI.1833	Indicators visualization rules	Phase 2	REQ-06.06.02-SPR-APMO.0130 REQ-06.06.02-OSED-APMO.0150
REQ-12.07.03-TS-MONI.3713	Indicators visualization rules	Phase 2	REQ-06.05.04-INTEROP-ALRT.0004 REQ-06.05.04-INTEROP-ALRT.0504 REQ-06.05.04-INTEROP-ALRT.0120 REQ-06.05.04-INTEROP-ALRT.0024 REQ-06.05.04-INTEROP-ALRT.0003 REQ-06.05.04-INTEROP-ALRT.0002 REQ-06.05.04-INTEROP-ALRT.0014 REQ-06.05.04-INTEROP-ALRT.0013 REQ-06.05.04-INTEROP-ALRT.0011 REQ-06.05.04-INTEROP-ALRT.0010 REQ-06.06.02-SPR-APMO.0170
REQ-12.07.03-TS-MONI.1838	Medium term Planning time frame indicators information display	Phase 2	REQ-06.06.02-SPR-APMO.0140 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-	Short term Planning time frame indicators	Phase 2	REQ-06.06.02-SPR-APMO.0150

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MONI.1843	information display		REQ-06.06.02-OSED-APMO.0180
REQ-12.07.03-TS-MONI.1848	Execution time frame indicators information display	Phase 2	REQ-06.06.02-SPR-APMO.0160 REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.1928	Performance information restriction access	Phase 2	REQ-06.06.02-SPR-APMO.0171 REQ-06.06.02-OSED-APMO.0230
REQ-12.07.03-TS-MONI.0436	Runway Arrival Capacity Shortage indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.3979	Runway Arrival Capacity Shortage indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.4024	Runway Arrival Capacity Shortage indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.0441	Runway Arrival Capacity Shortage indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.0446	Runway Arrival Capacity Shortage indicator warning comparison	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4029	Runway Arrival Capacity Shortage indicator warning comparison	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.0451	Runway Arrival Capacity Shortage indicator alert comparison	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4034	Runway Arrival Capacity Shortage indicator alert comparison	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.0456	Runway Arrival Capacity Shortage indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0462	Runway Arrival Capacity Shortage indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0467	Runway Arrival Capacity Shortage indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.0472	Runway Departure Capacity Shortage indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-	Runway Departure Capacity Shortage	Phase 2	REQ-06.06.02-OSED-APMO.0040

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MONI.3984	indicator calculation rule		
REQ-12.07.03-TS-MONI.4049	Runway Departure Capacity Shortage indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.0473	Runway Departure Capacity Shortage indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.0474	Runway Departure Capacity Shortage indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4039	Runway Departure Capacity Shortage indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4040	Runway Departure Capacity Shortage indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4054	Runway Departure Capacity Shortage indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.0476	Runway Departure Capacity Shortage indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0477	Runway Departure Capacity Shortage indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0478	Runway Departure Capacity Shortage indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.5392	The Apron Demand for Category A Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5397	The Apron Demand for Category A Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5402	The Apron Demand for Category A Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.5408	The Apron Demand for Category A Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5413	The Apron Demand for Category A Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-	The Apron Demand for Category A	Phase 2	REQ-06.06.02-OSED-APMO.0040

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MONI.5418	Aircrafts indicator warning code		
REQ-12.07.03-TS-MONI.5423	The Apron Demand for Category A Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.5700	The Apron Demand for Category B Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5705	The Apron Demand for Category B Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5710	The Apron Demand for Category B Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.5716	The Apron Demand for Category B Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5721	The Apron Demand for Category B Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5726	The Apron Demand for Category B Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5731	The Apron Demand for Category B Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.5737	The Apron Demand for Category C Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5742	The Apron Demand for Category C Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5747	The Apron Demand for Category C Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.5753	The Apron Demand for Category C Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5758	The Apron Demand for Category C Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5763	The Apron Demand for Category C Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-	The Apron Demand for Category C	Phase 2	REQ-06.06.02-OSED-APSO.0040

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MONI.5768	Aircrafts indicator assigned stakeholder		
REQ-12.07.03-TS-MONI.5774	The Apron Demand for Category D Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5779	The Apron Demand for Category D Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5784	The Apron Demand for Category D Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.5790	The Apron Demand for Category D Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5795	The Apron Demand for Category D Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5800	The Apron Demand for Category D Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5805	The Apron Demand for Category D Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.5811	The Apron Demand for Category E Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5816	The Apron Demand for Category E Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5821	The Apron Demand for Category E Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.5827	The Apron Demand for Category E Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5832	The Apron Demand for Category E Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5837	The Apron Demand for Category E Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-	The Apron Demand for Category E	Phase 2	REQ-06.06.02-OSED-APSO.0040

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MONI.5842	Aircrafts indicator assigned stakeholder		
REQ-12.07.03-TS-MONI.5848	The Apron Demand for Category F Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5853	The Apron Demand for Category F Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5858	The Apron Demand for Category F Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.5864	The Apron Demand for Category F Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5869	The Apron Demand for Category F Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5874	The Apron Demand for Category F Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5879	The Apron Demand for Category F Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.0644	Apron Capacity Shortage: Large Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.4009	Apron Capacity Shortage: Large Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.0645	Apron Capacity Shortage: Large Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.0646	Apron Capacity Shortage: Large Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.0647	Apron Capacity Shortage: Large Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090

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REQ-12.07.03-TS-MONI.0648	Apron Capacity Shortage: Large Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0649	Apron Capacity Shortage: Large Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0650	Apron Capacity Shortage: Large Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.5466	Apron Capacity Shortage: Small Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5471	Apron Capacity Shortage: Small Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5476	Apron Capacity Shortage: Small Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.5482	Apron Capacity Shortage: Small Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.5488	Apron Capacity Shortage: Small Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.5494	Apron Capacity Shortage: Small Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.5499	Apron Capacity Shortage: Small Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.5504	Apron Capacity Shortage: Small Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6065	Apron Capacity Shortage: Category A Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6070	Apron Capacity Shortage: Category A Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040

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REQ-12.07.03-TS-MONI.6075	Apron Capacity Shortage: Category A Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6081	Apron Capacity Shortage: Category A Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6087	Apron Capacity Shortage: Category A Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6093	Apron Capacity Shortage: Category A Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6098	Apron Capacity Shortage: Category A Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6103	Apron Capacity Shortage: Category A Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6285	Apron Capacity Shortage: Category B Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6290	Apron Capacity Shortage: Category B Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6295	Apron Capacity Shortage: Category B Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6301	Apron Capacity Shortage: Category B Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6307	Apron Capacity Shortage: Category B Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090

REQ-12.07.03-TS-MONI.6313	Apron Capacity Shortage: Category B Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6318	Apron Capacity Shortage: Category B Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6323	Apron Capacity Shortage: Category B Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6241	Apron Capacity Shortage: Category C Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6246	Apron Capacity Shortage: Category C Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6251	Apron Capacity Shortage: Category C Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6257	Apron Capacity Shortage: Category C Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6263	Apron Capacity Shortage: Category C Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6269	Apron Capacity Shortage: Category C Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6274	Apron Capacity Shortage: Category C Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6279	Apron Capacity Shortage: Category C Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6197	Apron Capacity Shortage: Category D Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040

REQ-12.07.03-TS-MONI.6202	Apron Capacity Shortage: Category D Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6207	Apron Capacity Shortage: Category D Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6213	Apron Capacity Shortage: Category D Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6219	Apron Capacity Shortage: Category D Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6225	Apron Capacity Shortage: Category D Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6230	Apron Capacity Shortage: Category D Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6235	Apron Capacity Shortage: Category D Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6153	Apron Capacity Shortage: Category E Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6158	Apron Capacity Shortage: Category E Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6163	Apron Capacity Shortage: Category E Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6169	Apron Capacity Shortage: Category E Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6175	Apron Capacity Shortage: Category E Stand Availability indicator alert	Phase 2	REQ-06.06.02-OSED-APMO.0110

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	comparison rule		REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.6181	Apron Capacity Shortage: Category E Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.6186	Apron Capacity Shortage: Category E Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.6191	Apron Capacity Shortage: Category E Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSD-APSO.0070
REQ-12.07.03-TS-MONI.6109	Apron Capacity Shortage: Category F Stand Availability indicator description	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.6114	Apron Capacity Shortage: Category F Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.6119	Apron Capacity Shortage: Category F Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSD-APMO.0180 REQ-06.06.02-OSD-APMO.0170
REQ-12.07.03-TS-MONI.6125	Apron Capacity Shortage: Category F Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0100 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.6131	Apron Capacity Shortage: Category F Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0110 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.6137	Apron Capacity Shortage: Category F Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.6142	Apron Capacity Shortage: Category F Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.6147	Apron Capacity Shortage: Category F Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSD-APSO.0070
REQ-12.07.03-TS-	Runway Arrival Capacity Shortage indicator	Phase 2	REQ-06.06.02-OSD-APMO.0040

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MONI.0751	description		
REQ-12.07.03-TS-MONI.3878	Runway Arrival Capacity Shortage indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.0752	Runway Arrival Capacity Shortage indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.0753	Runway Arrival Capacity Shortage indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.0754	Runway Arrival Capacity Shortage indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.0755	Runway Arrival Capacity Shortage indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0756	Runway Arrival Capacity Shortage indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0757	Runway Arrival Capacity Shortage indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.0786	Runway Departure Capacity Shortage indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.3884	Runway Departure Capacity Shortage indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.0787	Runway Departure Capacity Shortage indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.0788	Runway Departure Capacity Shortage indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.0789	Runway Departure Capacity Shortage indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090

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REQ-12.07.03-TS-MONI.0790	Runway Departure Capacity Shortage indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0791	Runway Departure Capacity Shortage indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0792	Runway Departure Capacity Shortage indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.5510	Apron Demand for Category A Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5515	Apron Demand for Category A Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5520	Apron Demand for Category A Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.5525	Apron Demand for Category A Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5530	Apron Demand for Category A Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5535	Apron Demand for Category A Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5540	Apron Demand for Category A Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.6029	Apron Demand for Category B Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6034	Apron Demand for Category B Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6039	Apron Demand for Category B Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.6044	Apron Demand for Category B Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-	Apron Demand for Category B Aircrafts	Phase 2	REQ-06.06.02-OSED-APMO.0040

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MONI.6049	indicator alert code		
REQ-12.07.03-TS-MONI.6054	Apron Demand for Category B Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6059	Apron Demand for Category B Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.5993	Apron Demand for Category C Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5998	Apron Demand for Category C Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6003	Apron Demand for Category C Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.6008	Apron Demand for Category C Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6013	Apron Demand for Category C Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6018	Apron Demand for Category C Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6023	Apron Demand for Category C Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.5957	Apron Demand for Category D Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5962	Apron Demand for Category D Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5967	Apron Demand for Category D Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.5972	Apron Demand for Category D Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5977	Apron Demand for Category D Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040

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REQ-12.07.03-TS-MONI.5982	Apron Demand for Category D Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5987	Apron Demand for Category D Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.5921	Apron Demand for Category E Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5926	Apron Demand for Category E Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5931	Apron Demand for Category E Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.5936	Apron Demand for Category E Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5941	Apron Demand for Category E Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5946	Apron Demand for Category E Aircrafts indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5951	Apron Demand for Category E Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.5885	Apron Demand for Category F Aircrafts indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5890	Apron Demand for Category F Aircrafts indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5895	Apron Demand for Category F Aircrafts indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.5900	Apron Demand for Category F Aircrafts indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5905	Apron Demand for Category F Aircrafts indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-	Apron Demand for Category F Aircrafts	Phase 2	REQ-06.06.02-OSED-APMO.0040

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MONI.5910	indicator warning code		
REQ-12.07.03-TS-MONI.5915	Apron Demand for Category F Aircrafts indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.0952	Apron Capacity Shortage: Large Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.3914	Apron Capacity Shortage: Large Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.0953	Apron Capacity Shortage: Large Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7577	Apron Capacity Shortage: Large Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.0954	Apron Capacity Shortage: Large Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.0955	Apron Capacity Shortage: Large Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.0956	Apron Capacity Shortage: Large Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0957	Apron Capacity Shortage: Large Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.0958	Apron Capacity Shortage: Large Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.5583	Apron Capacity Shortage: Small Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5588	Apron Capacity Shortage: Small Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5593	Apron Capacity Shortage: Small Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190

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REQ-12.07.03-TS-MONI.7582	Apron Capacity Shortage: Small Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSD-APMO.0190
REQ-12.07.03-TS-MONI.5598	Apron Capacity Shortage: Small Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0100 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.5604	Apron Capacity Shortage: Small Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0110 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.5610	Apron Capacity Shortage: Small Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.5615	Apron Capacity Shortage: Small Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.5620	Apron Capacity Shortage: Small Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSD-APSO.0070
REQ-12.07.03-TS-MONI.6329	Apron Capacity Shortage: Category A Stand Availability indicator description	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.6334	Apron Capacity Shortage: Category A Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.6339	Apron Capacity Shortage: Category A Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSD-APMO.0190
REQ-12.07.03-TS-MONI.6345	Apron Capacity Shortage: Category A Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0100 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.6351	Apron Capacity Shortage: Category A Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0110 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.6357	Apron Capacity Shortage: Category A Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-	Apron Capacity Shortage: Category A	Phase 2	REQ-06.06.02-OSD-APMO.0300

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MONI.6362	Stand Availability indicator warning code		
REQ-12.07.03-TS-MONI.6367	Apron Capacity Shortage: Category A Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6373	Apron Capacity Shortage: Category B Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6378	Apron Capacity Shortage: Category B Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6383	Apron Capacity Shortage: Category B Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6389	Apron Capacity Shortage: Category B Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6395	Apron Capacity Shortage: Category B Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6401	Apron Capacity Shortage: Category B Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6406	Apron Capacity Shortage: Category B Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6411	Apron Capacity Shortage: Category B Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6417	Apron Capacity Shortage: Category C Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6422	Apron Capacity Shortage: Category C Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6427	Apron Capacity Shortage: Category C Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170

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REQ-12.07.03-TS-MONI.6433	Apron Capacity Shortage: Category C Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6439	Apron Capacity Shortage: Category C Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6445	Apron Capacity Shortage: Category C Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6450	Apron Capacity Shortage: Category C Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6455	Apron Capacity Shortage: Category C Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6461	Apron Capacity Shortage: Category D Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6466	Apron Capacity Shortage: Category D Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6471	Apron Capacity Shortage: Category D Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6477	Apron Capacity Shortage: Category D Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6483	Apron Capacity Shortage: Category D Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6489	Apron Capacity Shortage: Category D Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300

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REQ-12.07.03-TS-MONI.6494	Apron Capacity Shortage: Category D Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6499	Apron Capacity Shortage: Category D Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6505	Apron Capacity Shortage: Category E Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6510	Apron Capacity Shortage: Category E Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6515	Apron Capacity Shortage: Category E Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6521	Apron Capacity Shortage: Category E Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6527	Apron Capacity Shortage: Category E Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6533	Apron Capacity Shortage: Category E Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6538	Apron Capacity Shortage: Category E Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6543	Apron Capacity Shortage: Category E Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6585	Apron Capacity Shortage: Category F Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6590	Apron Capacity Shortage: Category F Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040

REQ-12.07.03-TS-MONI.6595	Apron Capacity Shortage: Category F Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6601	Apron Capacity Shortage: Category F Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6607	Apron Capacity Shortage: Category F Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6613	Apron Capacity Shortage: Category F Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6618	Apron Capacity Shortage: Category F Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6623	Apron Capacity Shortage: Category F Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.7681	Security Control Capacity indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7686	Security Control Capacity indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7691	Security Control Capacity indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7702	Security Control Capacity indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7708	Security Control Capacity indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7718	Security Control Capacity indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070

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REQ-12.07.03-TS-MONI.5269	Runway Capacity Change indicator inputs.	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5270	Runway Capacity Change indicator calculation rule.	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5271	Runway Capacity Change indicator display format.	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.5272	Runway Capacity Change indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.5273	Runway Capacity Change indicator warning comparison rule.	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.5365	Runway Departure Capacity Change input data	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5366	Runway Departure Capacity Change input data	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.5367	Runway Departure Capacity Change calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.5368	Runway Departure Capacity Change alert	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.5369	Runway Departure Capacity Change stakeholder	Phase 2	REQ-06.06.02-OSED-APMO.0070
REQ-12.07.03-TS-MONI.1082	Arrival Punctuality indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.3929	Arrival Punctuality indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.4109	Arrival Punctuality indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.1083	Arrival Punctuality indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-	Arrival Punctuality indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190

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MONI.1089			
REQ-12.07.03-TS-MONI.7599	Indicator metric to display as specified in the OFA OFA05.01.01	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.1084	Arrival Punctuality indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.1090	Arrival Punctuality indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.1091	Arrival Punctuality indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.1092	Arrival Punctuality indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.1086	Arrival Punctuality indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.1087	Arrival Punctuality indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.1088	Arrival Punctuality indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.4319	Departure Punctuality indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.4324	Departure Punctuality indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.4334	Departure Punctuality indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7600	Departure Punctuality indicator representation	Phase 2	REQ-06.06.02-OSED-APMO.0190

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REQ-12.07.03-TS-MONI.4344	Departure Punctuality indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4354	Departure Punctuality indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4364	Departure Punctuality indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.4369	Departure Punctuality indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.4374	Departure Punctuality indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.1133	Knock-on effect: Flight Cancellations indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.3934	Knock-on effect: Flight Cancellations indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7049	Knock-on effect: Flight Cancellations indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.1134	Knock-on effect: Flight Cancellations indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7619	Knock-on effect: Flight Cancellations indicator representation	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.1135	Knock-on effect: Flight Cancellations indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.1136	Knock-on effect: Flight Cancellations indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.1137	Knock-on effect: Flight Cancellations indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-	Knock-on effect: Flight Cancellations	Phase 2	REQ-06.06.02-OSED-APSO.0040

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MONI.1138	indicator assigned stakeholder		
REQ-12.07.03-TS-MONI.7061	Knock-on effect: Flight Cancellations indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7066	Knock-on effect: Flight Cancellations indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7071	Knock-on effect: Flight Cancellations indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7144	Knock-on effect: Flight Cancellations indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7149	Knock-on effect: Flight Cancellations indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7624	Knock-on effect: Flight Cancellations indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7092	Knock-on effect: Flight Cancellations indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7097	Knock-on effect: Flight Cancellations indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7118	Knock-on effect: Flight Cancellations indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7139	Knock-on effect: Flight Cancellations indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.7156	Knock-on effect: A/C Changes indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7161	Knock-on effect: A/C Changes indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7166	Knock-on effect: A/C Changes indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7629	Knock-on effect: A/C Changes indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0190

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REQ-12.07.03-TS-MONI.7187	Knock-on effect: A/C Changes indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7192	Knock-on effect: A/C Changes indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7213	Knock-on effect: A/C Changes indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7234	Knock-on effect: A/C Changes indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.6966	Diverted Flights indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6971	Diverted Flights indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7038	Diverted Flights indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7634	Diverted Flights indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.6986	Diverted Flights indicator comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6991	Diverted Flights indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7012	Diverted Flights indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7033	Diverted Flights indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0040
REQ-12.07.03-TS-MONI.7240	Departure Delay indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7245	Departure Delay indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-	Departure Delay indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040

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MONI.7250			
REQ-12.07.03-TS-MONI.7255	Departure Delay indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7659	ATFCM Delay Indicator representation	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7265	Departure Delay indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7271	Departure Delay indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7277	Departure Delay indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7283	Departure Delay indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7289	Departure Delay indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7294	Departure Delay indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7299	Departure Delay indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.7725	Missed TSAT indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7730	Missed TSAT indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7740	Missed TSAT indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190

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REQ-12.07.03-TS-MONI.7750	Missed TSAT indicator representation	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7755	Missed TSAT indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7767	Missed TSAT indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7779	Missed TSAT indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7784	Missed TSAT indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7789	Missed TSAT indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.7794	Flight Not Compliant with TOBT/TSAT indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7804	Flight Not Compliant with TOBT/TSAT indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7809	Flight Not Compliant with TOBT/TSAT indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7819	Flight Not Compliant with TOBT/TSAT indicator representation	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7824	Flight Not Compliant with TOBT/TSAT indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7836	Flight Not Compliant with TOBT/TSAT indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-	Flight Not Compliant with TOBT/TSAT	Phase 2	REQ-06.06.02-OSED-APMO.0300

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MONI.7848	indicator alert code		
REQ-12.07.03-TS-MONI.7853	Flight Not Compliant with TOBT/TSAT indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7858	Flight Not Compliant with TOBT/TSAT indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.7305	Turnaround Predictability RBT indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7310	Turnaround Predictability RBT indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7320	Turnaround Predictability RBT indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7639	Turnaround Predictability RBT indicator representation	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7330	Turnaround Predictability RBT indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7342	Turnaround Predictability RBT indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7354	Turnaround Predictability RBT indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7359	Turnaround Predictability RBT indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7364	Turnaround Predictability RBT indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.7500	Turnaround Predictability SBT indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7505	Turnaround Predictability SBT indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040

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REQ-12.07.03-TS-MONI.7510	Turnaround Predictability SBT indicator value display	Phase 2	REQ-06.06.02-OSD-APMO.0190
REQ-12.07.03-TS-MONI.7654	Turnaround Predictability SBT indicator representation	Phase 2	REQ-06.06.02-OSD-APMO.0190
REQ-12.07.03-TS-MONI.7515	Turnaround Predictability SBT indicator warning comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0100 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.7521	Turnaround Predictability SBT indicator alert comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0110 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.7527	Turnaround Predictability SBT indicator alert code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.7532	Turnaround Predictability SBT indicator warning code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.7537	Turnaround Predictability SBT indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSD-APSO.0070
REQ-12.07.03-TS-MONI.1164	Arrival Delay Block indicator description	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.3939	Arrival Delay Block indicator calculation rule	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.4079	Arrival Delay Block indicator calculation rule	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.1165	Arrival Delay Block indicator value display	Phase 2	REQ-06.06.02-OSD-APMO.0190
REQ-12.07.03-TS-MONI.1166	Arrival Delay Block indicator value display	Phase 2	REQ-06.06.02-OSD-APMO.0190
REQ-12.07.03-TS-MONI.7601	Arrival Delay Block indicator representation	Phase 2	REQ-06.06.02-OSD-APMO.0190
REQ-12.07.03-TS-	Arrival Delay Block indicator warning	Phase 2	REQ-06.06.02-OSD-APMO.0100

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MONI.1167	comparison rule		REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.1168	Arrival Delay Block indicator warning comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0100 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.1169	Arrival Delay Block indicator alert comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0110 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.1170	Arrival Delay Block indicator alert comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0110 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.1171	Arrival Delay Block indicator alert code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.1172	Arrival Delay Block indicator warning code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.1173	Arrival Delay Block indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSD-APSO.0070
REQ-12.07.03-TS-MONI.4221	Departure Delay Block indicator description	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.4226	Departure Delay Block indicator calculation rule	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.4231	Departure Delay Block indicator calculation rule	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.4240	Departure Delay Block indicator value display	Phase 2	REQ-06.06.02-OSD-APMO.0190
REQ-12.07.03-TS-MONI.4245	Departure Delay Block indicator value display	Phase 2	REQ-06.06.02-OSD-APMO.0190
REQ-12.07.03-TS-MONI.7602	Departure Delay Block indicator representation	Phase 2	REQ-06.06.02-OSD-APMO.0190

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REQ-12.07.03-TS-MONI.4250	Departure Delay Block indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4255	Departure Delay Block indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4276	Departure Delay Block indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4281	Departure Delay Block indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.4302	Departure Delay Block indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.4307	Departure Delay Block indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.4312	Departure Delay Block indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.1249	Departure Delay indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.3949	Departure Delay indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.4084	Departure Delay indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.1250	Departure Delay indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.1251	Departure Delay indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-	Departure Delay indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190

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MONI.7664			
REQ-12.07.03-TS-MONI.1252	Departure Delay indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.1253	Departure Delay indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.1254	Departure Delay indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.1255	Departure Delay indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.1256	Departure Delay indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.1257	Departure Delay indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.1258	Departure Delay indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.7435	Arrival Delay indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7440	Arrival Delay indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7445	Arrival Delay indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.7450	Arrival Delay indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7455	Arrival Delay indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190

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REQ-12.07.03-TS-MONI.7669	Arrival Delay indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7460	Arrival Delay indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7466	Arrival Delay indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7472	Arrival Delay indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7478	Arrival Delay indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.7484	Arrival Delay indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7489	Arrival Delay indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.7494	Arrival Delay indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6629	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6634	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6639	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-	Apron/Stand Infrastructural Efficiency:	Phase 2	REQ-06.06.02-OSED-APMO.0100

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MONI.6645	Category A Stand Availability indicator warning comparison rule		REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6651	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6657	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6662	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6667	Apron/Stand Infrastructural Efficiency: Category A Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6849	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6854	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6859	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6865	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6871	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6877	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator	Phase 2	REQ-06.06.02-OSED-APMO.0300

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	alert code		
REQ-12.07.03-TS-MONI.6882	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6887	Apron/Stand Infrastructural Efficiency: Category B Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6805	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6810	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6815	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6821	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6827	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6833	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6838	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6843	Apron/Stand Infrastructural Efficiency: Category C Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070

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REQ-12.07.03-TS-MONI.6761	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6766	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6771	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.6777	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0100 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6783	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSED-APMO.0110 REQ-06.06.02-OSED-APMO.0090
REQ-12.07.03-TS-MONI.6789	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6794	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6799	Apron/Stand Infrastructural Efficiency: Category D Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.6717	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator description	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-MONI.6722	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSED-APMO.0040
REQ-12.07.03-TS-	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator	Phase 2	REQ-06.06.02-OSED-APMO.0180

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MONI.6727	value display		REQ-06.06.02-OSD-APMO.0170
REQ-12.07.03-TS-MONI.6733	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0100 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.6739	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator alert comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0110 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.6745	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.6750	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSD-APMO.0300
REQ-12.07.03-TS-MONI.6755	Apron/Stand Infrastructural Efficiency: Category E Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSD-APSO.0070
REQ-12.07.03-TS-MONI.6673	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator description	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.6678	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator calculation rule	Phase 2	REQ-06.06.02-OSD-APMO.0040
REQ-12.07.03-TS-MONI.6683	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator value display	Phase 2	REQ-06.06.02-OSD-APMO.0180 REQ-06.06.02-OSD-APMO.0170
REQ-12.07.03-TS-MONI.6689	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator warning comparison rule	Phase 2	REQ-06.06.02-OSD-APMO.0100 REQ-06.06.02-OSD-APMO.0090
REQ-12.07.03-TS-MONI.6695	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator	Phase 2	REQ-06.06.02-OSD-APMO.0110 REQ-06.06.02-OSD-APMO.0090

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	alert comparison rule		
REQ-12.07.03-TS-MONI.6701	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator alert code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6706	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator warning code	Phase 2	REQ-06.06.02-OSED-APMO.0300
REQ-12.07.03-TS-MONI.6711	Apron/Stand Infrastructural Efficiency: Category F Stand Availability indicator assigned stakeholder	Phase 2	REQ-06.06.02-OSED-APSO.0070
REQ-12.07.03-TS-MONI.7562	KPI representation	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7587	Apron Capacity Shortage indicators representation in Execution time frame	Phase 2	REQ-06.06.02-OSED-APMO.0190
REQ-12.07.03-TS-MONI.7593	Apron Capacity Shortage indicators representation in Medium and Short time frame	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-MONI.7674	Apron Capacity Shortage indicators representation in Medium and Short time frame	Phase 2	REQ-06.06.02-OSED-APMO.0180 REQ-06.06.02-OSED-APMO.0170
REQ-12.07.03-TS-STEE.2028	KPI addressing	Phase 2	REQ-06.05.04-OSED-APSO.0020 REQ-06.05.04-OSED-APSO.0010
REQ-12.07.03-TS-STEE.2033	Warning deactivation	Phase 2	REQ-06.06.02-SPR-APSO.0002 REQ-06.06.02-SPR-APSO.0006 REQ-06.05.04-OSED-APSO.0040
REQ-12.07.03-TS-STEE.2038	Alert deactivation	Phase 2	REQ-06.06.02-SPR-APSO.0002 REQ-06.06.02-SPR-APSO.0006 REQ-06.05.04-OSED-APSO.0040

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REQ-12.07.03-TS-STEE.2043	Alert threshold	Phase 2	REQ-06.05.04-INTEROP-STPF.0009 REQ-06.05.04-INTEROP-STPF.0008 REQ-06.05.04-INTEROP-STPF.0007 REQ-06.05.04-INTEROP-STPF.0006 REQ-06.05.04-INTEROP-STPF.0004 REQ-06.05.04-INTEROP-STPF.0003 REQ-06.05.04-INTEROP-STPF.0001 REQ-06.06.02-SPR-APSO.0003 REQ-06.06.02-SPR-APSO.0007 REQ-06.05.04-OSD-APSO.0060
REQ-12.07.03-TS-STEE.2044	Warning threshold	Phase 2	REQ-06.05.04-INTEROP-STPF.0009 REQ-06.05.04-INTEROP-STPF.0008 REQ-06.05.04-INTEROP-STPF.0007 REQ-06.05.04-INTEROP-STPF.0006 REQ-06.05.04-INTEROP-STPF.0004 REQ-06.05.04-INTEROP-STPF.0003 REQ-06.05.04-INTEROP-STPF.0001

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			REQ-06.06.02-SPR-APSO.0003 REQ-06.06.02-SPR-APSO.0007 REQ-06.05.04-OSED-APSO.0050
REQ-12.07.03-TS-STEE.2053	Assigned stakeholder configuration	Phase 2	REQ-06.05.04-OSED-APSO.0070
REQ-12.07.03-TS-STEE.3678	Alert code configuration	Phase 2	REQ-06.05.04-OSED-APSO.0070
REQ-12.07.03-TS-STEE.3679	Warning code configuration	Phase 2	REQ-06.05.04-OSED-APSO.0070
REQ-12.07.03-TS-STEE.3814	Permissions configuration	Phase 2	REQ-06.05.04-OSED-APMO.0010 REQ-06.05.04-OSED-ADCO.0012 REQ-06.05.04-OSED-ADCO.0010 REQ-06.05.04-OSED-MDEC.2610 REQ-06.05.04-OSED-ADCO.0014 REQ-06.05.04-OSED-AOIP.2020 REQ-06.05.04-OSED-AOIP.2010
REQ-12.07.03-TS-STEE.3853	Time configurations	Phase 2	REQ-06.05.04-OSED-APMO.0070 REQ-06.05.04-OSED-APMO.0060 REQ-06.05.04-OSED-APMO.0050
REQ-12.07.03-TS-STEE.3848	Time period configuration	Phase 2	REQ-06.05.04-OSED-APMO.0020
REQ-12.07.03-TS-STEE.5159	Configuration restrictions	Phase 2	REQ-06.06.02-SPR-APMO.0030
REQ-12.07.03-TS-PoDR.3651	Alert and warning information in the Post Operations Service	Phase 2	REQ-06.06.01-OSED-POPS.0001
REQ-12.07.03-TS-PoDR.3652	Solution messages information in the Post Operations Service	Phase 2	REQ-06.06.01-OSED-POPS.0001

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REQ-12.07.03-TS-PoDR.3688	Planned and actual operations data in the Post Operations service	Phase 2	REQ-06.06.01-OSED-POPS.0001
REQ-12.07.03-TS-PoDR.3693	Configuration of agreed parameters	Phase 2	REQ-06.06.01-OSED-POPS.0001
REQ-12.07.03-TS-PoDR.3661	Date and time of new data creation	Phase 2	REQ-06.06.01-OSED-POPS.0002
REQ-12.07.03-TS-PoDR.3666	Source of data	Phase 2	REQ-06.06.01-OSED-POPS.0003
REQ-12.07.03-TS-PeST.3698	Access to Airport Performance Monitoring Service	EXE-013	REQ-06.06.01-SPR-APSO.0001
REQ-12.07.03-TS-PePO.3812	Recorded data accessibility for post operations analysis	Phase 2	REQ-06.06.01-SPR-POPS.0002
REQ-12.07.03-TS-PeMO.3779	Periodicity updating APAMS elements	EXE-013	REQ-06.06.01-SPR-APMO.0220
REQ-12.07.03-TS-PeMO.3787	Calculation KPIs values according to the time frame	EXE-013	REQ-06.06.01-SPR-APMO.0040
REQ-12.07.03-TS-PeMO.3792	Periodicity KPI calculation in the Medium Term Planning time frame	EXE-013	REQ-06.06.01-SPR-APMO.0050
REQ-12.07.03-TS-PeMO.3797	Periodicity KPI calculation in the Short Term Planning time frame	EXE-013	REQ-06.06.01-SPR-APMO.0060
REQ-12.07.03-TS-PeMO.3802	Periodicity KPI calculation in the Execution Time frame	EXE-013	REQ-06.06.01-SPR-APMO.0070
REQ-12.07.03-TS-PeMO.3807	Periodicity KPI comparison of calculated values against warning or alert value	EXE-013	REQ-06.06.01-SPR-APMO.0090
REQ-12.07.03-TS-PeMO.7878	KPI Publication periodicity	EXE-013	REQ-06.06.01-SPR-APMO.0120

Appendix C Deleted Requirements

The following set of requirements has been removed due to the P06.05.04 replacement of the IOCD requirements by OSED Ed. 2 new ones related to new performance monitoring indicators and the specification of the collaborative process.

Requisite	Description	Traceability
REQ-12.07.03-TS-MgPD.0001	Alert and warning assessment	REQ-12.6.9-TS-MANA.0015 REQ-12.6.9-TS-MANA.0021REQ-06.05.04-OCD-3422.01REQ-06.05.04-OCD-3422.01REQ-06.05.04-OCD-3422.01
REQ-12.07.03-TS-MgPD.0002	Alert and warning assessment	REQ-06.05.04-OCD-3422.01REQ-06.05.04-OCD-3422.01REQ-06.05.04-OCD-3422.03
REQ-12.07.03-TS-MgPD.0003	Severity level	REQ-06.05.04-OCD-3422.05
REQ-12.07.03-TS-MgPD.0004	Severity Modes	REQ-12.6.9-TS-MANA.0096REQ-06.05.04-OCD-3422.05
REQ-12.07.03-TS-MgPD.0005	Severity Table	REQ-06.05.04-OCD-3422.16
REQ-12.07.03-TS-MgPD.0006	APAMS monitoring mode	REQ-06.05.04-OCD-3422.07
REQ-12.07.03-TS-MgPD.0007	Severity level 0	REQ-06.05.04-OCD-3422.17
REQ-12.07.03-TS-MgPD.0008	Severity level 0	REQ-06.05.04-OCD-3422.18
REQ-12.07.03-TS-MgPD.0009	Severity level 1	REQ-06.05.04-OCD-3422.19

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REQ-12.07.03-TS-MgPD.0010	Alert in severity level 1	REQ-06.05.04-OCD-3422.20
REQ-12.07.03-TS-MgPD.0011	Severity level 1	REQ-06.05.04-OCD-3422.21
REQ-12.07.03-TS-MgPD.0012	Severity level 1	REQ-06.05.04-OCD-3422.22
REQ-12.07.03-TS-MgPD.0013	Severity level 2	REQ-06.05.04-OCD-3422.23
REQ-12.07.03-TS-MgPD.0014	Severity level 2	REQ-06.05.04-OCD-3422.24
REQ-12.07.03-TS-MgPD.0015	Severity level 2	REQ-06.05.04-OCD-3422.25
REQ-12.07.03-TS-MgPD.0016	Severity level 2	REQ-06.05.04-OCD-3422.26
REQ-12.07.03-TS-MgPD.0017	Severity level 2	REQ-06.05.04-OCD-3422.27
REQ-12.07.03-TS-MgPD.0018	Severity level 3	REQ-06.05.04-OCD-3422.28
REQ-12.07.03-TS-MgPD.0019	Severity level 3	REQ-06.05.04-OCD-3422.29
REQ-12.07.03-TS-MgPD.0020	Severity level 3	REQ-06.05.04-OCD-3422.30
REQ-12.07.03-TS-MgPD.0021	Severity level 3	REQ-06.05.04-OCD-3422.31
REQ-12.07.03-TS-MgDS.0010	Modifications at mitigation actions	REQ-12.6.9-TS-MANA.0208REQ-06.05.04-OCD-3431.23
REQ-12.07.03-TS-MgDS.0001	Decision Support Capability actions in severity level 1	REQ-12.07.03-TS-MgDS.0001

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REQ-12.07.03-TS-MgDS.0002	Decision Support Capability and the stakeholders involved	REQ-12.6.9-TS-MANA.0278REQ-06.05.04-OCD-3431.05
REQ-12.07.03-TS-MgDS.0009	List of mitigation actions for evaluation	REQ-06.05.04-OCD-3431.22
REQ-12.07.03-TS-MgDS.0005	Mitigation actions to excessive deviation	REQ-12.6.9-TS-MANA.0273REQ-06.05.04-OCD-3431.08
REQ-12.07.03-TS-MgDS.0011	APOC supervisor decision	REQ-06.05.04-OCD-3431.24
REQ-12.07.03-TS-MgDS.0012	Storage of information for post-analysis	REQ-12.6.9-TS-PoDR.3652REQ-06.05.04-OCD-3431.25
REQ-12.07.03-TS-MgDS.0003	Scenarios list	REQ-06.05.04-OCD-3431.03
REQ-12.07.03-TS-MgDS.0004	Catalogue of solutions	REQ-06.05.04-OCD-3431.16
REQ-12.07.03-TS-MgDS.0006	Information about each scenario	REQ-06.05.04-OCD-3431.15
REQ-12.07.03-TS-MgDS.0007	Scenarios list availability	REQ-12.6.9-TS-MANA.0268REQ-06.05.04-OCD-3431.19
REQ-12.07.03-TS-MgDS.0008	Access to information	REQ-06.05.04-OCD-3431.13
REQ-12.07.03-TS-MoOM.2003	Runway Capacity: Absolute CAP Shortage information	REQ-12.6.9-TS-MONI.0751 REQ-12.6.9-TS-MONI.0786
REQ-12.07.03-TS-MoDA.2005	Calculation time of the absolute runway capacity shortage	REQ-12.6.9-TS-MONI.0753 REQ-12.6.9-TS-MONI.0788
REQ-12.07.03-TS-MoDA.2007	Calculation time of the absolute runway capacity shortage	REQ-12.6.9-TS-MONI.0754 REQ-12.6.9-TS-MONI.0789

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REQ-12.07.03-TS-MoAW.2005	Publication of the absolute runway capacity shortage	REQ-12.6.9-TS-MONI.0756 REQ-12.6.9-TS-MONI.0791
REQ-12.07.03-TS-MoAW.2007	Publication of the absolute runway capacity shortage	REQ-12.6.9-TS-MONI.0755 REQ-12.6.9-TS-MONI.0790
REQ-12.07.03-TS-MoOM.2004	Runway Capacity: Relative CAP Shortage information	
REQ-12.07.03-TS-MoDA.2006	Relative runway capacity shortage	
REQ-12.07.03-TS-MoDA.2008	Alert Generation of Relative runway capacity shortage	
REQ-12.07.03-TS-MoAW.2006	Publication of the relative runway capacity shortage	
REQ-12.07.03-TS-MoAW.2008	Publication of the relative runway capacity shortage	
REQ-12.07.03-TS-MoOM.2007	Measurement of the AIBT information	
REQ-12.07.03-TS-MoDA.2013	Waiting time after on-block time	
REQ-12.07.03-TS-MoDA.2014	Waiting time after on-block time.	
REQ-12.07.03-TS-MoAW.2013	Publication of the Apron capacity shortage	
REQ-12.07.03-TS-MoAW.2014	Publication of the Apron capacity shortage	
REQ-12.07.03-TS-MoOM.2005	Ground movement Capacity: Absolute CAP Shortage information	
REQ-12.07.03-TS-MoDA.2009	Calculation time of the ground movement capacity shortage	
REQ-12.07.03-TS-MoDA.2011	Calculation time of the ground movement capacity shortage	
REQ-12.07.03-TS-MoAW.2009	Publication time of the ground movement capacity shortage	
REQ-12.07.03-TS-MoAW.2011	Publication time of the ground movement capacity shortage	
REQ-12.07.03-TS-MoOM.2006	Ground movement Capacity: Relative CAP Shortage information	
REQ-12.07.03-TS-MoDA.2010	Calculation time of the relative ground movement capacity shortage	
REQ-12.07.03-TS-MoDA.2012	Calculation time of the relative ground movement capacity shortage	
REQ-12.07.03-TS-MoAW.2010	Publication of the relative ground movement capacity shortage	
REQ-12.07.03-TS-MoAW.2012	Publication of the relative ground movement capacity	

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	shortage	
REQ-12.07.03-TS-MoOM.2001	TMA Capacity: Absolute CAP Shortage information	REQ-12.6.9-TS-MONI.0959
		REQ-12.6.9-TS-MONI.0966
REQ-12.07.03-TS-MoDA.2001	Calculation time of Absolute TMA capacity shortage	REQ-12.6.9-TS-MONI.0961
		REQ-12.6.9-TS-MONI.0968
REQ-12.07.03-TS-MoDA.2003	Calculation time of Absolute TMA capacity shortage	REQ-12.6.9-TS-MONI.0962
		REQ-12.6.9-TS-MONI.0969
REQ-12.07.03-TS-MoAW.2001	Publication time of Absolute TMA capacity shortage	REQ-12.6.9-TS-MONI.0964
		REQ-12.6.9-TS-MONI.0971
REQ-12.07.03-TS-MoAW.2003	Publication time of Absolute TMA capacity shortage	REQ-12.6.9-TS-MONI.0963
		REQ-12.6.9-TS-MONI.0970
REQ-12.07.03-TS-MoOM.2002	TMA Capacity: Relative CAP Shortage information	
REQ-12.07.03-TS-MoDA.2002	Calculation time of the relative TMA capacity shortage	
REQ-12.07.03-TS-MoDA.2004	Calculation time of the relative TMA capacity shortage	
REQ-12.07.03-TS-MoAW.2002	Publication time of the relative TMA capacity shortage	
REQ-12.07.03-TS-MoAW.2004	Publication time of the relative TMA capacity shortage	
REQ-12.07.03-TS-MoOM.3009	Number of cancelled flights per day	REQ-12.6.9-TS-MONI.1133
REQ-12.07.03-TS-MoDA.3034	Warning of Percentage of cancelled fights	REQ-12.6.9-TS-MONI.1136
REQ-12.07.03-TS-MoDA.3036	Generation of Alert Percentage of cancelled flights	REQ-12.6.9-TS-MONI.1136
REQ-12.07.03-TS-MoAW.3034	Alert publication of Percentage of cancelled fights	REQ-12.6.9-TS-MONI.1136
REQ-12.07.03-TS-MoAW.3036	Alert publication of cancelled fights	REQ-12.6.9-TS-MONI.1136
REQ-12.07.03-TS-MoDA.3033	Warning of Percentage of cancelled fights	REQ-12.6.9-TS-MONI.1137
REQ-12.07.03-TS-MoDA.3035	Generation of the warning Percentage cancelled flights	REQ-12.6.9-TS-MONI.1137
REQ-12.07.03-TS-MoAW.3033	Warning publication of Percentage of cancelled fights	REQ-12.6.9-TS-MONI.1137
REQ-12.07.03-TS-MoAW.3035	Warning publication of cancelled fights	REQ-12.6.9-TS-MONI.1137
REQ-12.07.03-TS-MoOM.3001	ATTT-ETTT information	

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REQ-12.07.03-TS-MoDA.3001	Generation of the warning Turn-round predictability	
REQ-12.07.03-TS-MoDA.3002	Generation of the alert Turn-round predictability	
REQ-12.07.03-TS-MoDA.3003	Generation of the warning Percentage Turn-round predictability	
REQ-12.07.03-TS-MoDA.3004	Generation of the Alert Percentage Turn-round predictability	
REQ-12.07.03-TS-MoAW.3001	Warning publication of Turn-round deviation from RBT per flight	
REQ-12.07.03-TS-MoAW.3002	Alert publication Turnaround deviation from RBT per flight	
REQ-12.07.03-TS-MoAW.3003	Warning publication of Percentage of Turn-rounds within the variability interval for	
REQ-12.07.03-TS-MoAW.3004	Alert publication of Percentage of Turn-rounds within the variability interval for	
REQ-12.07.03-TS-MoOM.3002	ATTT-ETTT] information	
REQ-12.07.03-TS-MoDA.3005	Generate the warning of the turnaround predictability under disruption effect	
REQ-12.07.03-TS-MoDA.3006	Generate the warning of the turnaround predictability under disruption effect	
REQ-12.07.03-TS-MoDA.3007	Generation of the warning Percentage Turn-round predictability disruption effect	
REQ-12.07.03-TS-MoDA.3008	Generation of the Alert Percentage Turn-round predictability disruption effect	
REQ-12.07.03-TS-MoAW.3005	Alert publication of the turnaround deviation under disruption effect from RBT	
REQ-12.07.03-TS-MoAW.3006	Generate the warning of the turnaround deviation under disruption effect from RBT	
REQ-12.07.03-TS-MoAW.3007	Warning publication of Turn-rounds within the variability interval for RBT	
REQ-12.07.03-TS-MoAW.3008	Alert publication of Turn-rounds within the variability interval for RBT	
REQ-12.07.03-TS-MoOM.3003	ATOT information	
REQ-12.07.03-TS-MoOM.3004	Measurement of the ATOT information	
REQ-12.07.03-TS-MoDA.3009	Generation of the alert take off predictability	
REQ-12.07.03-TS-MoDA.3010	Generation of the warning take off predictability	

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REQ-12.07.03-TS-MoDA.3011	Generation of the warning take off predictability percentage	
REQ-12.07.03-TS-MoDA.3012	Generation of the alert take off predictability percentage	
REQ-12.07.03-TS-MoAW.3009	Take off deviation from RBT Alert	
REQ-12.07.03-TS-MoAW.3010	Warning publication of Take off deviation from RBT Warning	
REQ-12.07.03-TS-MoAW.3011	Warning publication of Percentage of departures within the variability interval for RBT	
REQ-12.07.03-TS-MoAW.3012	Percentage of departures within the variability interval for RBT Alert	
REQ-12.07.03-TS-MoOM.3005	<input type="checkbox"/> ATOT information	
REQ-12.07.03-TS-MoDA.3013	Warning of the take off predictability under disruption	
REQ-12.07.03-TS-MoDA.3014	Take off predictability	
REQ-12.07.03-TS-MoDA.3015	Generation of the Warning Percentage WTOPPDE	
REQ-12.07.03-TS-MoDA.3016	Generation of the Alert Percentage Take-Off predictability disruption effect	
REQ-12.07.03-TS-MoAW.3013	Warning publication of the take off deviation from RBT under disruption effect.	
REQ-12.07.03-TS-MoAW.3014	Take off deviation from RBT per flight	
REQ-12.07.03-TS-MoAW.3015	Warning publication to percentage of departures within the variability interval for RBT	
REQ-12.07.03-TS-MoAW.3016	Alert to percentage of departures within the variability interval for RBT	
REQ-12.07.03-TS-MoOM.3006	AOBT information	
REQ-12.07.03-TS-MoDA.3017	Generation of the warning Off-block predictability	
REQ-12.07.03-TS-MoDA.3018	Warning generation	
REQ-12.07.03-TS-MoDA.3019	Warning Percentage of off-block predictability	
REQ-12.07.03-TS-MoDA.3020	Alert Percentage of off-block within the variability interval for RBT	
REQ-12.07.03-TS-MoAW.3017	Off-block deviation from RBT Alert	
REQ-12.07.03-TS-MoAW.3018	Warning publication Off-block deviation from RBT Warning	
REQ-12.07.03-TS-MoAW.3019	Warning publication Percentage of off-block within the variability interval for RBT	

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REQ-12.07.03-TS-MoAW.3020	Alert Percentage of off-block within the variability interval for RBT	
REQ-12.07.03-TS-MoOM.3007	<input type="checkbox"/> AOBT information	
REQ-12.07.03-TS-MoDA.3021	Warning of the off-block deviation from RBT	
REQ-12.07.03-TS-MoDA.3022	Alert of the off-block deviation from RBT	
REQ-12.07.03-TS-MoDA.3023	Generation of the warning Percentage of Off -block	
REQ-12.07.03-TS-MoDA.3024	Generation of the Alert Percentage Off-block predictability disruption effect	
REQ-12.07.03-TS-MoAW.3021	Alert of the off-block deviation from RBT	
REQ-12.07.03-TS-MoAW.3022	Warning publication of the off-block deviation from RBT	
REQ-12.07.03-TS-MoAW.3023	Warning publication of Percentage of Turn-rounds within the variability interval for RBT	
REQ-12.07.03-TS-MoAW.3024	Percentage of Off blocks within the variability interval for RBT	
REQ-12.07.03-TS-MoOM.3007	AIBT information	
REQ-12.07.03-TS-MoDA.3025	Generation of the warning In-block predictability	
REQ-12.07.03-TS-MoDA.3026	Alert of the off- block	
REQ-12.07.03-TS-MoDA.3027	Generation of the Alert Percentage Off-block predictability	
REQ-12.07.03-TS-MoDA.3028	Alert Percentage of off-block predictability	
REQ-12.07.03-TS-MoAW.3025	Alert of the In-block deviation from RBT	
REQ-12.07.03-TS-MoAW.3026	Warning publication of the off-block deviation from RBT	
REQ-12.07.03-TS-MoAW.3027	Warning publication Percentage of off-block within the variability interval for RBT	
REQ-12.07.03-TS-MoAW.3028	Alert publication Percentage of off-block within the variability interval for RBT	
REQ-12.07.03-TS-MoOM.3008	<input type="checkbox"/> AIBT information	
REQ-12.07.03-TS-MoDA.3029	Alert of the In-block predictability under disruption effect	
REQ-12.07.03-TS-MoDA.3030	Warning of the In-block predictability under disruption effect.	
REQ-12.07.03-TS-MoDA.3031	Generation of the Warning Percentage	
REQ-12.07.03-TS-MoDA.3032	Generation of the Alert Percentage In block predictability	

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	disruption effect	
REQ-12.07.03-TS-MoAW.3029	Alert publication of the In-block deviation from RBT under disruption effect	
REQ-12.07.03-TS-MoAW.3030	Warning publication of the In-block deviation from RBT under disruption effect	
REQ-12.07.03-TS-MoAW.3031	Warning publication Percentage of off-block within the variability interval for RBT	
REQ-12.07.03-TS-MoAW.3032	Alert publication Percentage of off-block within the variability interval for RBT	
REQ-12.07.03-TS-MoOM.3010	Number of A/C changes per day	
REQ-12.07.03-TS-MoDA.3037	Warning of Percentage of A/C changes	
REQ-12.07.03-TS-MoDA.3038	Warning of Percentage of A/C changes	
REQ-12.07.03-TS-MoDA.3039	Generation of the warning Percentage A/C changes	
REQ-12.07.03-TS-MoDA.3040	Generation of Alert Percentage of A/C changes	
REQ-12.07.03-TS-MoAW.3037	Warning of Percentage of A/C changes	
REQ-12.07.03-TS-MoAW.3038	Warning publication of Percentage of A/C changes	
REQ-12.07.03-TS-MoAW.3039	Warning of A/C changes	
REQ-12.07.03-TS-MoAW.3040	Warning publication of A/C changes	
REQ-12.07.03-TS-MoOM.3011	ALDT information	
REQ-12.07.03-TS-MoDA.3041	Generation of the warning On Ground predictability	
REQ-12.07.03-TS-MoDA.3042	Warning of the On Ground deviation from RBT.	
REQ-12.07.03-TS-MoDA.3043	Warning Percentage of On Ground deviation from RBT	
REQ-12.07.03-TS-MoDA.3044	Generation of the Alert Percentage On Ground deviation from RBT	
REQ-12.07.03-TS-MoAW.3041	Alert publication of the On Ground deviation from RBT	
REQ-12.07.03-TS-MoAW.3042	Warning publication of the On Ground deviation from RBT	
REQ-12.07.03-TS-MoAW.3043	Warning publication Percentage of On Ground deviation from RBT	
REQ-12.07.03-TS-MoAW.3044	Alert Percentage of On Ground deviation from RBT	
REQ-12.07.03-TS-MoOM.3012	<input type="checkbox"/> ALDT information	

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REQ-12.07.03-TS-MoDA.3045	Generation of the alert On Ground Predictability under disruption effect	
REQ-12.07.03-TS-MoDA.3046	Generation of the warning On Ground Predictability under disruption effect.	
REQ-12.07.03-TS-MoDA.3046	Generation of the warning percentage On Ground Predictability	
REQ-12.07.03-TS-MoDA.3047	Generation of the Alert Percentage On-Ground predictability disruption effect	
REQ-12.07.03-TS-MoAW.3045	Alert of the On Ground Predictability under disruption effect	
REQ-12.07.03-TS-MoAW.3046	Warning publication of the On Ground Predictability under disruption effect	
REQ-12.07.03-TS-MoAW.3047	Warning publication Percentage of On Ground deviation from RBT	
REQ-12.07.03-TS-MoAW.3048	Alert Percentage of On Ground deviation from RBT	
REQ-12.07.03-TS-MoOM.1008	Arrival Flight Delay KPI input information	REQ-12.6.9-TS-MONI.1164
REQ-12.07.03-TS-MoDA.1029	Generation of the Warning Average Arrival flight delay per flights	REQ-12.6.9-TS-MONI.1167
REQ-12.07.03-TS-MoDA.1031	Generation of the Warning Percentage Arrival flight delay per flights	REQ-12.6.9-TS-MONI.1168
REQ-12.07.03-TS-MoAW.1034	Publication of the Warning Average Arrival flight delay per flights	REQ-12.6.9-TS-MONI.1167
REQ-12.07.03-TS-MoAW.1036	Publication of the Warning Percentage Arrival flight delay per flights	REQ-12.6.9-TS-MONI.1168
REQ-12.07.03-TS-MoDA.1030	Generation of the Alert Average Arrival flight delay per flights	REQ-12.6.9-TS-MONI.1169
REQ-12.07.03-TS-MoDA.1032	Generation of the Alert Percentage Arrival flight delay per flights	REQ-12.6.9-TS-MONI.1170
REQ-12.07.03-TS-MoAW.1035	Publication of the Alert Average Arrival flight delay per flights	REQ-12.6.9-TS-MONI.1169
REQ-12.07.03-TS-MoAW.1037	Publication of the Alert Percentage Arrival flight delay per flights	REQ-12.6.9-TS-MONI.1170
REQ-12.07.03-TS-MoOM.1009	Departure Flight Delay KPI input information	
REQ-12.07.03-TS-MoDA.1033	Generation of the Warning Average Departure flight delay per flights	
REQ-12.07.03-TS-MoDA.1035	Generation of the Warning Percentage Departure flight delay per flights.	

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REQ-12.07.03-TS-MoAW.1038	Publication of the Warning Average Departure flight delay per flights	
REQ-12.07.03-TS-MoAW.1039	Publication of the Warning Percentage Departure flight delay per flights	
REQ-12.07.03-TS-MoDA.1034	Generation of the Alert Average Departure flight delay per flights	
REQ-12.07.03-TS-MoDA.1036	Generation of the Alert Percentage Departure flight delay per flights	
REQ-12.07.03-TS-MoAW.06	Publication of the Alert Average Departure flight delay per flights	
REQ-12.07.03-TS-MoAW.1040	Publication of the Alert Percentage Departure flight delay per flights	
REQ-12.07.03-TS-MoOM.1003	Landing Delay KPI input information	REQ-12.6.9-TS-MONI.1299
REQ-12.07.03-TS-MoDA.1009	Generation of the Warning Average Landing delay per flights	REQ-12.6.9-TS-MONI.1302
REQ-12.07.03-TS-MoDA.1011	Generation of the Warning Percentage Landing delay per flights	REQ-12.6.9-TS-MONI.1303
REQ-12.07.03-TS-MoAW.1014	Publication of the Warning Average Landing delay per flights.	REQ-12.6.9-TS-MONI.1302
REQ-12.07.03-TS-MoAW.1016	Publication of the Warning Percentage Landing delay per flights	REQ-12.6.9-TS-MONI.1303
REQ-12.07.03-TS-MoDA.1010	Generation of the Alert Average Landing delay per flights	REQ-12.6.9-TS-MONI.1304
REQ-12.07.03-TS-MoDA.1012	Generation of the Alert Percentage Landing delay per flights	REQ-12.6.9-TS-MONI.1305
REQ-12.07.03-TS-MoAW.1015	Publication of the Alert Average Landing delay per flights	REQ-12.6.9-TS-MONI.1304
REQ-12.07.03-TS-MoAW.1017	Publication of the Alert Percentage Landing delay per flights.	REQ-12.6.9-TS-MONI.1305
REQ-12.07.03-TS-MoOM.1004	Take-off Delay KPI input information	REQ-12.6.9-TS-MONI.1309
REQ-12.07.03-TS-MoDA.1013	Generation of the Warning Average Take-off delay per flights	REQ-12.6.9-TS-MONI.1312
REQ-12.07.03-TS-MoDA.1015	Generation of the Warning Percentage Take-off delay per flights	REQ-12.6.9-TS-MONI.1313
REQ-12.07.03-TS-MoAW.1018	Publication of the Warning Average Take-off delay per flights	REQ-12.6.9-TS-MONI.1312
REQ-12.07.03-TS-MoAW.1020	Publication of the Warning Percentage Take-off delay per flights	REQ-12.6.9-TS-MONI.1313
REQ-12.07.03-TS-MoDA.1014	Generation of the Alert Average Take-off delay per flights	REQ-12.6.9-TS-MONI.1314

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REQ-12.07.03-TS-MoDA.1016	Generation of the Alert Percentage Take-off delay per flights	REQ-12.6.9-TS-MONI.1315
REQ-12.07.03-TS-MoAW.1019	Publication of the Alert Average Take-off delay per flights	REQ-12.6.9-TS-MONI.1314
REQ-12.07.03-TS-MoAW.1021	Publication of the Alert Percentage Take-off delay per flights	REQ-12.6.9-TS-MONI.1315
REQ-12.07.03-TS-MoOM.1005	Taxi-in Delay KPI input information	REQ-12.6.9-TS-MONI.1319
REQ-12.07.03-TS-MoDA.1017	Generation of the Warning Average Taxi-in delay per flights	REQ-12.6.9-TS-MONI.1322
REQ-12.07.03-TS-MoDA.1019	Generation of the Warning Percentage Taxi-in delay per flights flights	REQ-12.6.9-TS-MONI.1323
REQ-12.07.03-TS-MoAW.1022	Publication of the Warning Average Taxi-in delay per flights	REQ-12.6.9-TS-MONI.1322
REQ-12.07.03-TS-MoAW.1024	Publication of the Warning Percentage Taxi-in delay per flights	REQ-12.6.9-TS-MONI.1323
REQ-12.07.03-TS-MoDA.1018	Generation of the Alert Average Taxi-in delay per flights	REQ-12.6.9-TS-MONI.1324
REQ-12.07.03-TS-MoDA.1020	Generation of the Alert Percentage Taxi-in delay per flights	REQ-12.6.9-TS-MONI.1325
REQ-12.07.03-TS-MoAW.1023	Publication of the Alert Average Taxi-in delay flights	REQ-12.6.9-TS-MONI.1324
REQ-12.07.03-TS-MoAW.1025	Publication of the Alert Percentage Taxi-in delay per flights	REQ-12.6.9-TS-MONI.1325
REQ-12.07.03-TS-MoOM.1006	Taxi-out Delay KPI input information	REQ-12.6.9-TS-MONI.1329
REQ-12.07.03-TS-MoDA.1021	Generation of the Warning Average Taxi-out delay per flights	REQ-12.6.9-TS-MONI.1332
REQ-12.07.03-TS-MoDA.1023	Generation of the Warning Percentage Taxi-out delay per flights	REQ-12.6.9-TS-MONI.1333
REQ-12.07.03-TS-MoAW.1026	Publication of the Warning Average Taxi-out delay per flights	REQ-12.6.9-TS-MONI.1332
REQ-12.07.03-TS-MoAW.1028	Publication of the Warning Percentage Taxi-out delay per flights	REQ-12.6.9-TS-MONI.1333
REQ-12.07.03-TS-MoDA.1022	Generation of the Alert Average Taxi-out delay per flights	REQ-12.6.9-TS-MONI.1334
REQ-12.07.03-TS-MoDA.1024	Generation of the Alert Percentage Taxi-out delay per flights	REQ-12.6.9-TS-MONI.1335
REQ-12.07.03-TS-MoAW.1027	Publication of the Alert Average Taxi-out delay per flights	REQ-12.6.9-TS-MONI.1334
REQ-12.07.03-TS-MoAW.1029	Publication of the Alert Percentage Taxi-out delay per flights	REQ-12.6.9-TS-MONI.1335
REQ-12.07.03-TS-MoOM.1001	Arrival TMA Delay KPI input information Arrival TMA Delay KPI input information	
REQ-12.07.03-TS-MoDA.1001	Generation of the Warning Average Arrival TMA Delay per flights	
REQ-12.07.03-TS-MoDA.1002	Generation of the Alert Average Arrival TMA Delay per flights	

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REQ-12.07.03-TS-MoDA.1003	Generation of the Warning Percentage Arrival TMA Delay per flights	
REQ-12.07.03-TS-MoDA.1004	Generation of the Alert Percentage Arrival TMA Delay per flights	
REQ-12.07.03-TS-MoAW.1006	Publication of the Warning Arrival TMA Delay per flights	
REQ-12.07.03-TS-MoAW.1007	Publication of the Alert Arrival TMA Delay per flights	
REQ-12.07.03-TS-MoAW.1008	Publication of the Warning Percentage Arrival TMA Delay per flights	
REQ-12.07.03-TS-MoAW.1009	Generation of the Alert Percentage Arrival TMA Delay per flights	
REQ-12.07.03-TS- MoOM.1002	Departure TMA Delay input information	
REQ-12.07.03-TS-MoDA.1005	Generation of the Warning Average Departure TMA Delay per flights.	
REQ-12.07.03-TS-MoDA.1006	Generation of the Alert Average Departure TMA Delay per flights	
REQ-12.07.03-TS-MoDA.1007	Generation of the Warning Percentage Departure TMA Delay per flights.	
REQ-12.07.03-TS-MoDA.1008	Generation of the Alert Percentage departure TMA Delay per flights.	
REQ-12.07.03-TS-MoAW.1010	Publication of the Warning Average Departure TMA Delay per flights	
REQ-12.07.03-TS-MoAW.1011	Publication of the Alert Average Departure TMA Delay per flights	
REQ-12.07.03-TS-MoAW.1012	Publication of the Warning Percentage Departure TMA Delay per flights	
REQ-12.07.03-TS-MoAW.1013	Publication of the Alert Percentage departure TMA Delay per flights	
REQ-12.07.03-TS-MoOM.1007	Turn-round Delay KPI input information	
REQ-12.07.03-TS-MoDA.1025	Generation of the Warning Average Turn-round Delay per flights	
REQ-12.07.03-TS-MoDA.1026	Generation of the Alert Average Turn-round Delay per flights	
REQ-12.07.03-TS-MoDA.1027	Generation of the Warning Percentage Turn-round Delay per flights	
REQ-12.07.03-TS-MoAW.1030	Generation of the Warning Average Turn-round Delay per	

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	flights	
REQ-12.07.03-TS-MoAW.1032	Publication of the Warning Percentage Turn-round Delay per flights	
REQ-12.07.03-TS-MoDA.1028	Generation of the Alert Percentage Turn-round Delay per flights	
REQ-12.07.03-TS-MoAW.1031	Publication of the Alert Average Turn-round Delay per flights	
REQ-12.07.03-TS-MoAW.1033	Publication of the Alert Percentage Turn-round Delay per flights	
REQ-12.07.03-TS-MoDA.1037	Generation of the Warning Percentage TMA Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoDA.1038	Generation of the Alert Percentage TMA Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoAW.1041	Publication of the Warning Percentage TMA Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoAW.1042	Publication of the Alert Percentage TMA Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoOM.1011	Runway infrastructural efficiency KPI	
REQ-12.07.03-TS-MoDA.1039	Generation of the Warning Percentage Runway Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoDA.1040	Generation of the Alert Percentage Runway Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoAW.1043	Publication of the Warning Percentage Runway Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoAW.1044	Publication of the Alert Percentage Runway Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoOM.1012	Ground Movement infrastructural efficiency KPI	
REQ-12.07.03-TS-MoDA.1041	Generation of the Warning Percentage Ground Movement Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoDA.1042	Generation of the Alert Percentage Ground Movement Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoAW.1045	Publication of the Warning Percentage Ground Movement Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoAW.1046	Publication of the Alert Percentage Ground Movement Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoOM.1013	Apron-stand infrastructural efficiency KPI	

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REQ-12.07.03-TS-MoDA.1043	Generation of the Warning Percentage Apron/Stand Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoDA.1044	Generation of the Alert Percentage Apron/Stand Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoAW.1047	Publication of the Warning Percentage Apron/Stand Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoAW.1048	Publication of the Alert Percentage Apron/Stand Infrastructural Efficiency per flights	
REQ-12.07.03-TS-MoOM.4001	Accommodation of SBT for Scheduled Flights KPI input information	
REQ-12.07.03-TS-MoDA.4001	Generation of the Warning Percentage Frequency accommodation of SBT for Scheduled flights.	
REQ-12.07.03-TS-MoAW.4001	Warning publication of Percentage frequency accommodation of SBT for Scheduled flights	
REQ-12.07.03-TS-MoDA.4002	Generation of the Alert Percentage Frequency accommodation of SBT for Scheduled flights	
REQ-12.07.03-TS-MoAW.4002	Alert publication of Percentage of frequency accommodation of SBT for Scheduled flights.	
REQ-12.07.03-TS-MoOM.4002	Severity Accommodation of SBT for Scheduled flights KPI input information	
REQ-12.07.03-TS-MoDA.4003	Generation of the Warning Average Severity of Accommodation of SBT Scheduled Flights	
REQ-12.07.03-TS-MoAW.4003	Warning publication of Severity Accommodation of SBT Scheduled Flights	
REQ-12.07.03-TS-MoDA.4004	Generation of the Alert Average Severity of Accommodation of SBT Scheduled Flights.	
REQ-12.07.03-TS-MoAW.4004	Alert publication of Severity Accommodation of SBT Scheduled Flights	
REQ-12.07.03-TS-MoOM.4003	Accommodation of SBT for non-Scheduled Flights KPI input information	
REQ-12.07.03-TS-MoDA.4005	Generation of the Warning Percentage Frequency accommodation of SBT for Scheduled flights	
REQ-12.07.03-TS-MoAW.4005	Warning publication of Percentage of frequency accommodation of SBT for non-Scheduled flights	
REQ-12.07.03-TS-MoDA.4006	Generation of the Alert Percentage Frequency accommodation of SBT for non-Scheduled flights.	

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REQ-12.07.03-TS-MoAW.4006	Alert publication of Percentage of frequency accommodation of SBT for non-Scheduled flights	
REQ-12.07.03-TS-MoOM.4004	Severity Accommodation of SBT for non-Scheduled flights KPI input information	
REQ-12.07.03-TS-MoDA.4007	Generation of the Warning Average Severity of Accommodation of SBT non-Scheduled Flights.	
REQ-12.07.03-TS-MoAW.4007	Warning publication of Severity Accommodation of SBT non-Scheduled Flights	
REQ-12.07.03-TS-MoDA.4008	Generation of the Alert Average Severity of Accommodation of SBT non-Scheduled Flights	
REQ-12.07.03-TS-MoAW.4008	Alert publication of Severity Accommodation of SBT non-Scheduled Flights	
REQ-12.07.03-TS-MoOM.4005	Ground Handling Headroom KPI input information	
REQ-12.07.03-TS-MoDA.4009	Generation of the Warning Percentage Ground Handling Capacity	
REQ-12.07.03-TS-MoAW.4009	Warning publication of Percentage of Ground Handling Capacity	
REQ-12.07.03-TS-MoDA.4010	Generation of the Alert Percentage Ground Handling Capacity	
REQ-12.07.03-TS-MoAW.4010	Alert publication of Percentage of Ground Handling Capacity	
REQ-12.07.03-TS-MoOM.4006	Airport Capacity Headroom KPI input information	
REQ-12.07.03-TS-MoDA.4011	Generation of the Warning Airport Capacity Headroom	
REQ-12.07.03-TS-MoAW.4011	Warning publication of Airport Capacity Headroom	
REQ-12.07.03-TS-MoDA.4012	Generation of the Alert Airport Capacity Headroom	
REQ-12.07.03-TS-MoAW.4012	Alert publication of Airport Capacity Headroom	
REQ-12.07.03-TS-MoOM.4007	Landside Operations Headroom KPI input information	
REQ-12.07.03-TS-MoDA.4013	Generation of the Warning Percentage of Terminal Building Facilities Headroom	
REQ-12.07.03-TS-MoAW.4013	Warning publication of Percentage of Landside Operations Headroom	
REQ-12.07.03-TS-MoDA.4014	The APAMS shall generate the alert percentage of frequency accommodation of SBT for Scheduled flights when the percentage value of frequency is greater or equal than	

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	(APTBFH) threshold.	
REQ-12.07.03-TS-MoAW.4014	Alert publication of Percentage of Landside Operations Headroom	
REQ-12.07.03-TS-PoDR.0001	Information recording	REQ-12.6.9-TS-PoDR.3651 REQ-12.6.9-TS-PoDR.3652 REQ-12.6.9-TS-PoDR.3688REQ-06.06.02-OSED-POPS.0003
REQ-12.07.03-TS-PoDR.0002	Information recording	REQ-12.6.9-TS-PoDR.3666REQ-06.06.02-OSED-POPS.0003
REQ-12.07.03-TS-PoDR.0003	Information recording	REQ-12.6.9-TS-PoDR.3661REQ-06.06.02-OSED-POPS.0003

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Appendix D OSED Traceability

OSD Requirements Identifier	Title	TS Satisfied Requirements
REQ-06.05.04-OSD-APSO.0010	Airport Performance Framework	REQ-12.07.03-TS-STEE.2028
REQ-06.05.04-OSD-APSO.0020	Airport Performance Framework	REQ-12.07.03-TS-STEE.2028
REQ-06.05.04-OSD-APSO.0030	Airport Performance Framework	
REQ-06.05.04-OSD-APSO.0040	Airport Performance Framework	REQ-12.07.03-TS-STEE.2038 REQ-12.07.03-TS-STEE.2033
REQ-06.05.04-OSD-APSO.0050	Airport Performance Framework	REQ-12.07.03-TS-STEE.2044
REQ-06.05.04-OSD-APSO.0060	Airport Performance Framework	REQ-12.07.03-TS-STEE.2043
REQ-06.05.04-OSD-APSO.0070	Airport Performance Framework	REQ-12.07.03-TS-MONI.7858 REQ-12.07.03-TS-MONI.7789 REQ-12.07.03-TS-MONI.7718 REQ-12.07.03-TS-MONI.7537 REQ-12.07.03-TS-MONI.7494 REQ-12.07.03-TS-MONI.7429 REQ-12.07.03-TS-MONI.7364 REQ-12.07.03-TS-MONI.7299 REQ-12.07.03-TS-MONI.6887 REQ-12.07.03-TS-MONI.6843 REQ-12.07.03-TS-MONI.6799 REQ-12.07.03-TS-MONI.6755 REQ-12.07.03-TS-MONI.6711 REQ-12.07.03-TS-MONI.6667 REQ-12.07.03-TS-MONI.6623 REQ-12.07.03-TS-MONI.6543 REQ-12.07.03-TS-MONI.6499

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		REQ-12.07.03-TS-MONI.6455 REQ-12.07.03-TS-MONI.6411 REQ-12.07.03-TS-MONI.6367 REQ-12.07.03-TS-MONI.6323 REQ-12.07.03-TS-MONI.6279 REQ-12.07.03-TS-MONI.6235 REQ-12.07.03-TS-MONI.6191 REQ-12.07.03-TS-MONI.6147 REQ-12.07.03-TS-MONI.6103 REQ-12.07.03-TS-MONI.5620 REQ-12.07.03-TS-MONI.5504 REQ-12.07.03-TS-MONI.4700 REQ-12.07.03-TS-MONI.4496 REQ-12.07.03-TS-MONI.4435 REQ-12.07.03-TS-MONI.4374 REQ-12.07.03-TS-MONI.4312 REQ-12.07.03-TS-MONI.4215 REQ-12.07.03-TS-MONI.4154 REQ-12.07.03-TS-STEE.3679 REQ-12.07.03-TS-STEE.3678 REQ-12.07.03-TS-STEE.2053 REQ-12.07.03-TS-MONI.1338 REQ-12.07.03-TS-MONI.1328 REQ-12.07.03-TS-MONI.1318 REQ-12.07.03-TS-MONI.1308 REQ-12.07.03-TS-MONI.1258 REQ-12.07.03-TS-MONI.1220 REQ-12.07.03-TS-MONI.1173 REQ-12.07.03-TS-MONI.1088 REQ-12.07.03-TS-MONI.0972 REQ-12.07.03-TS-MONI.0965 REQ-12.07.03-TS-MONI.0958 REQ-12.07.03-TS-MONI.0827 REQ-12.07.03-TS-MONI.0792 REQ-12.07.03-TS-MONI.0757
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		REQ-12.07.03-TS-MONI.0720 REQ-12.07.03-TS-MONI.0685 REQ-12.07.03-TS-MONI.0650 REQ-12.07.03-TS-MONI.0513 REQ-12.07.03-TS-MONI.0478 REQ-12.07.03-TS-MONI.0467
REQ-06.06.01-OSED-POPS.0015	Manual design of the format of a standard post operations analysis report	
REQ-06.06.01-OSED-POPS.0016	Manual design of the layout of a standard post operations analysis report	
REQ-06.06.01-OSED-POPS.0017	Manual design of the content of a standard post operations analysis report	
REQ-06.06.01-OSED-POPS.0020	Manual definition of the periodicity of a standard post operations analysis report	
REQ-06.06.01-OSED-POPS.0021	Manual definition of the addressees of a standard post operations analysis report	
REQ-06.06.01-OSED-POPS.0022	Recording of a standard post operations analysis report template	
REQ-06.05.03-OSED-STPF.0001		
REQ-06.05.03-OSED-STPF.0002		
REQ-06.05.03-OSED-STPF.0010	Default values of the detailed taxiway capacities	
REQ-06.05.03-OSED-STPF.0040	probability threshold taxiway capacity	
REQ-06.05.03-OSED-STPF.0050	detailed TMA capacities	
REQ-06.05.03-OSED-STPF.0080	probability threshold TMA capacities	
REQ-06.05.03-OSED-STPF.0090	Threshold values runway usability	
REQ-06.05.03-OSED-STPF.0091		
REQ-06.05.03-OSED-STPF.0101		
REQ-06.05.03-OSED-STPF.0102		
REQ-06.05.03-OSED-STPF.0110	runway configuration default	
REQ-06.05.03-OSED-STPF.0140	max aircraft	
REQ-06.05.03-OSED-STPF.0150	DCB KPI warning and alter thresholds	
REQ-06.05.03-OSED-STPF.0151		
REQ-06.05.03-OSED-STPF.0160	Practical Capacity Constraints	

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REQ-06.05.03-OSED-STPF.0161		
REQ-06.05.03-OSED-STPF.0170	flight prioritization rules	
REQ-06.05.03-OSED-STPF.0180	post ops conclusions	
REQ-06.05.03-OSED-STPF.0181		
REQ-06.05.03-OSED-STPF.0190	separation matrix	
REQ-06.05.03-OSED-STPF.0200		
REQ-06.05.03-OSED-STPF.0210		
REQ-06.05.03-OSED-STPF.0220		
REQ-06.05.05-OSED-MET1.0011	Steering the use of MET Parameter: deterministic	
REQ-06.05.05-OSED-MET1.0012	Steering the use of MET Parameter: probabilistic	
REQ-06.05.05-OSED-MET1.0013	Definition of Adverse Conditions	
REQ-06.05.05-OSED-MET1.0030	Steering the parameter Electrical Storm Warning trigger criteria	
REQ-06.05.05-OSED-MET1.0031	Steering the parameter Electrical Storm Warning end criteria	
REQ-06.05.05-OSED-MET1.0015	General - steering the use of MET Data	
REQ-06.05.05-OSED-MET1.0016	General - steering the use of MET Data	
REQ-06.05.05-OSED-MET1.0017	General - steering the use of MET Data	
REQ-06.05.05-OSED-MET1.0018	General - steering the use of MET Data	
REQ-06.05.05-OSED-MET1.0019	Derived - De Icing Conditions	
REQ-06.05.05-OSED-MET1.0021	Met Data provision	
REQ-06.05.05-OSED-MET1.0022	Met Data provision	
REQ-06.05.05-OSED-MET1.0023	MET-Parameter: Thunderstorm probability areas around Airport	
REQ-06.06.02-OSED-APMO.0010	Airport Performance Framework	REQ-12.07.03-TS-MONI.5285 REQ-12.07.03-TS-MONI.5137 REQ-12.07.03-TS-MONI.4968 REQ-12.07.03-TS-STEE.3814 REQ-12.07.03-TS-MONI.1802
REQ-06.06.02-OSED-APMO.0020	Airport Performance Data	REQ-12.07.03-TS-STEE.3848 REQ-12.07.03-TS-MONI.1919 REQ-12.07.03-TS-MONI.1918 REQ-12.07.03-TS-MONI.1901 REQ-12.07.03-TS-MONI.1900 REQ-12.07.03-TS-MONI.1899

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		REQ-12.07.03-TS-MONI.1867 REQ-12.07.03-TS-MONI.1866 REQ-12.07.03-TS-MONI.1863
REQ-06.06.02-OSED-APMO.0030	Rules Engine	REQ-12.07.03-TS-MONI.1809
REQ-06.06.02-OSED-APMO.0040	Rules Engine	REQ-12.07.03-TS-MONI.7804 REQ-12.07.03-TS-MONI.7799 REQ-12.07.03-TS-MONI.7794 REQ-12.07.03-TS-MONI.7735 REQ-12.07.03-TS-MONI.7730 REQ-12.07.03-TS-MONI.7725 REQ-12.07.03-TS-MONI.7686 REQ-12.07.03-TS-MONI.7681 REQ-12.07.03-TS-MONI.7505 REQ-12.07.03-TS-MONI.7500 REQ-12.07.03-TS-MONI.7445 REQ-12.07.03-TS-MONI.7440 REQ-12.07.03-TS-MONI.7435 REQ-12.07.03-TS-MONI.7380 REQ-12.07.03-TS-MONI.7375 REQ-12.07.03-TS-MONI.7370 REQ-12.07.03-TS-MONI.7315 REQ-12.07.03-TS-MONI.7310 REQ-12.07.03-TS-MONI.7305 REQ-12.07.03-TS-MONI.7250 REQ-12.07.03-TS-MONI.7245 REQ-12.07.03-TS-MONI.7240 REQ-12.07.03-TS-MONI.7234 REQ-12.07.03-TS-MONI.7213 REQ-12.07.03-TS-MONI.7192 REQ-12.07.03-TS-MONI.7187 REQ-12.07.03-TS-MONI.7166 REQ-12.07.03-TS-MONI.7161 REQ-12.07.03-TS-MONI.7156 REQ-12.07.03-TS-MONI.7144 REQ-12.07.03-TS-MONI.7139

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		REQ-12.07.03-TS-MONI.7118 REQ-12.07.03-TS-MONI.7097 REQ-12.07.03-TS-MONI.7092 REQ-12.07.03-TS-MONI.7071 REQ-12.07.03-TS-MONI.7066 REQ-12.07.03-TS-MONI.7061 REQ-12.07.03-TS-MONI.7049 REQ-12.07.03-TS-MONI.7038 REQ-12.07.03-TS-MONI.7033 REQ-12.07.03-TS-MONI.7012 REQ-12.07.03-TS-MONI.6991 REQ-12.07.03-TS-MONI.6986 REQ-12.07.03-TS-MONI.6971 REQ-12.07.03-TS-MONI.6966 REQ-12.07.03-TS-MONI.6960 REQ-12.07.03-TS-MONI.6939 REQ-12.07.03-TS-MONI.6918 REQ-12.07.03-TS-MONI.6913 REQ-12.07.03-TS-MONI.6898 REQ-12.07.03-TS-MONI.6893 REQ-12.07.03-TS-MONI.6854 REQ-12.07.03-TS-MONI.6849 REQ-12.07.03-TS-MONI.6810 REQ-12.07.03-TS-MONI.6805 REQ-12.07.03-TS-MONI.6766 REQ-12.07.03-TS-MONI.6761 REQ-12.07.03-TS-MONI.6722 REQ-12.07.03-TS-MONI.6717 REQ-12.07.03-TS-MONI.6678 REQ-12.07.03-TS-MONI.6673 REQ-12.07.03-TS-MONI.6634 REQ-12.07.03-TS-MONI.6629 REQ-12.07.03-TS-MONI.6590 REQ-12.07.03-TS-MONI.6585 REQ-12.07.03-TS-MONI.6579 REQ-12.07.03-TS-MONI.6574 REQ-12.07.03-TS-MONI.6569
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		REQ-12.07.03-TS-MONI.6564 REQ-12.07.03-TS-MONI.6554 REQ-12.07.03-TS-MONI.6549 REQ-12.07.03-TS-MONI.6510 REQ-12.07.03-TS-MONI.6505 REQ-12.07.03-TS-MONI.6466 REQ-12.07.03-TS-MONI.6461 REQ-12.07.03-TS-MONI.6422 REQ-12.07.03-TS-MONI.6417 REQ-12.07.03-TS-MONI.6378 REQ-12.07.03-TS-MONI.6373 REQ-12.07.03-TS-MONI.6334 REQ-12.07.03-TS-MONI.6329 REQ-12.07.03-TS-MONI.6290 REQ-12.07.03-TS-MONI.6285 REQ-12.07.03-TS-MONI.6246 REQ-12.07.03-TS-MONI.6241 REQ-12.07.03-TS-MONI.6202 REQ-12.07.03-TS-MONI.6197 REQ-12.07.03-TS-MONI.6158 REQ-12.07.03-TS-MONI.6153 REQ-12.07.03-TS-MONI.6114 REQ-12.07.03-TS-MONI.6109 REQ-12.07.03-TS-MONI.6070 REQ-12.07.03-TS-MONI.6065 REQ-12.07.03-TS-MONI.6059 REQ-12.07.03-TS-MONI.6054 REQ-12.07.03-TS-MONI.6049 REQ-12.07.03-TS-MONI.6044 REQ-12.07.03-TS-MONI.6034 REQ-12.07.03-TS-MONI.6029 REQ-12.07.03-TS-MONI.6023 REQ-12.07.03-TS-MONI.6018 REQ-12.07.03-TS-MONI.6013 REQ-12.07.03-TS-MONI.6008 REQ-12.07.03-TS-MONI.5998 REQ-12.07.03-TS-MONI.5993
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		REQ-12.07.03-TS-MONI.5987 REQ-12.07.03-TS-MONI.5982 REQ-12.07.03-TS-MONI.5977 REQ-12.07.03-TS-MONI.5972 REQ-12.07.03-TS-MONI.5962 REQ-12.07.03-TS-MONI.5957 REQ-12.07.03-TS-MONI.5951 REQ-12.07.03-TS-MONI.5946 REQ-12.07.03-TS-MONI.5941 REQ-12.07.03-TS-MONI.5936 REQ-12.07.03-TS-MONI.5926 REQ-12.07.03-TS-MONI.5921 REQ-12.07.03-TS-MONI.5915 REQ-12.07.03-TS-MONI.5910 REQ-12.07.03-TS-MONI.5905 REQ-12.07.03-TS-MONI.5900 REQ-12.07.03-TS-MONI.5890 REQ-12.07.03-TS-MONI.5885 REQ-12.07.03-TS-MONI.5879 REQ-12.07.03-TS-MONI.5874 REQ-12.07.03-TS-MONI.5869 REQ-12.07.03-TS-MONI.5864 REQ-12.07.03-TS-MONI.5853 REQ-12.07.03-TS-MONI.5848 REQ-12.07.03-TS-MONI.5842 REQ-12.07.03-TS-MONI.5837 REQ-12.07.03-TS-MONI.5832 REQ-12.07.03-TS-MONI.5827 REQ-12.07.03-TS-MONI.5816 REQ-12.07.03-TS-MONI.5811 REQ-12.07.03-TS-MONI.5805 REQ-12.07.03-TS-MONI.5800 REQ-12.07.03-TS-MONI.5795 REQ-12.07.03-TS-MONI.5790 REQ-12.07.03-TS-MONI.5779 REQ-12.07.03-TS-MONI.5774 REQ-12.07.03-TS-MONI.5768
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		REQ-12.07.03-TS-MONI.5763 REQ-12.07.03-TS-MONI.5758 REQ-12.07.03-TS-MONI.5753 REQ-12.07.03-TS-MONI.5742 REQ-12.07.03-TS-MONI.5737 REQ-12.07.03-TS-MONI.5731 REQ-12.07.03-TS-MONI.5726 REQ-12.07.03-TS-MONI.5721 REQ-12.07.03-TS-MONI.5716 REQ-12.07.03-TS-MONI.5705 REQ-12.07.03-TS-MONI.5700 REQ-12.07.03-TS-MONI.5694 REQ-12.07.03-TS-MONI.5689 REQ-12.07.03-TS-MONI.5684 REQ-12.07.03-TS-MONI.5679 REQ-12.07.03-TS-MONI.5668 REQ-12.07.03-TS-MONI.5663 REQ-12.07.03-TS-MONI.5657 REQ-12.07.03-TS-MONI.5652 REQ-12.07.03-TS-MONI.5647 REQ-12.07.03-TS-MONI.5642 REQ-12.07.03-TS-MONI.5631 REQ-12.07.03-TS-MONI.5626 REQ-12.07.03-TS-MONI.5588 REQ-12.07.03-TS-MONI.5583 REQ-12.07.03-TS-MONI.5577 REQ-12.07.03-TS-MONI.5572 REQ-12.07.03-TS-MONI.5567 REQ-12.07.03-TS-MONI.5562 REQ-12.07.03-TS-MONI.5552 REQ-12.07.03-TS-MONI.5547 REQ-12.07.03-TS-MONI.5540 REQ-12.07.03-TS-MONI.5535 REQ-12.07.03-TS-MONI.5530 REQ-12.07.03-TS-MONI.5525 REQ-12.07.03-TS-MONI.5515 REQ-12.07.03-TS-MONI.5510
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		REQ-12.07.03-TS-MONI.4757 REQ-12.07.03-TS-MONI.4747 REQ-12.07.03-TS-MONI.4742 REQ-12.07.03-TS-MONI.4736 REQ-12.07.03-TS-MONI.4731 REQ-12.07.03-TS-MONI.4726 REQ-12.07.03-TS-MONI.4721 REQ-12.07.03-TS-MONI.4711 REQ-12.07.03-TS-MONI.4706 REQ-12.07.03-TS-MONI.4670 REQ-12.07.03-TS-MONI.4665 REQ-12.07.03-TS-MONI.4649 REQ-12.07.03-TS-MONI.4644 REQ-12.07.03-TS-MONI.4634 REQ-12.07.03-TS-MONI.4629 REQ-12.07.03-TS-MONI.4624 REQ-12.07.03-TS-MONI.4619 REQ-12.07.03-TS-MONI.4614 REQ-12.07.03-TS-MONI.4589 REQ-12.07.03-TS-MONI.4583 REQ-12.07.03-TS-MONI.4578 REQ-12.07.03-TS-MONI.4573 REQ-12.07.03-TS-MONI.4568 REQ-12.07.03-TS-MONI.4548 REQ-12.07.03-TS-MONI.4543 REQ-12.07.03-TS-MONI.4526 REQ-12.07.03-TS-MONI.4521 REQ-12.07.03-TS-MONI.4451 REQ-12.07.03-TS-MONI.4446 REQ-12.07.03-TS-MONI.4441 REQ-12.07.03-TS-MONI.4385 REQ-12.07.03-TS-MONI.4380 REQ-12.07.03-TS-MONI.4329 REQ-12.07.03-TS-MONI.4324 REQ-12.07.03-TS-MONI.4319 REQ-12.07.03-TS-MONI.4231 REQ-12.07.03-TS-MONI.4226
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		REQ-12.07.03-TS-MONI.4221 REQ-12.07.03-TS-MONI.4170 REQ-12.07.03-TS-MONI.4165 REQ-12.07.03-TS-MONI.4160 REQ-12.07.03-TS-MONI.4123 REQ-12.07.03-TS-MONI.4116 REQ-12.07.03-TS-MONI.4109 REQ-12.07.03-TS-MONI.4104 REQ-12.07.03-TS-MONI.4099 REQ-12.07.03-TS-MONI.4094 REQ-12.07.03-TS-MONI.4089 REQ-12.07.03-TS-MONI.4084 REQ-12.07.03-TS-MONI.4079 REQ-12.07.03-TS-MONI.4074 REQ-12.07.03-TS-MONI.4059 REQ-12.07.03-TS-MONI.4049 REQ-12.07.03-TS-MONI.4024 REQ-12.07.03-TS-MONI.4019 REQ-12.07.03-TS-MONI.4014 REQ-12.07.03-TS-MONI.4009 REQ-12.07.03-TS-MONI.4004 REQ-12.07.03-TS-MONI.3999 REQ-12.07.03-TS-MONI.3994 REQ-12.07.03-TS-MONI.3989 REQ-12.07.03-TS-MONI.3984 REQ-12.07.03-TS-MONI.3979 REQ-12.07.03-TS-MONI.3974 REQ-12.07.03-TS-MONI.3969 REQ-12.07.03-TS-MONI.3964 REQ-12.07.03-TS-MONI.3959 REQ-12.07.03-TS-MONI.3954 REQ-12.07.03-TS-MONI.3949 REQ-12.07.03-TS-MONI.3944 REQ-12.07.03-TS-MONI.3939 REQ-12.07.03-TS-MONI.3934 REQ-12.07.03-TS-MONI.3929 REQ-12.07.03-TS-MONI.3924
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		REQ-12.07.03-TS-MONI.3919 REQ-12.07.03-TS-MONI.3914 REQ-12.07.03-TS-MONI.3909 REQ-12.07.03-TS-MONI.3904 REQ-12.07.03-TS-MONI.3899 REQ-12.07.03-TS-MONI.3894 REQ-12.07.03-TS-MONI.3889 REQ-12.07.03-TS-MONI.3884 REQ-12.07.03-TS-MONI.3878 REQ-12.07.03-TS-STEE.3819 REQ-12.07.03-TS-MONI.1814 REQ-12.07.03-TS-MONI.1672 REQ-12.07.03-TS-MONI.1671 REQ-12.07.03-TS-MONI.1670 REQ-12.07.03-TS-MONI.1669 REQ-12.07.03-TS-MONI.1659 REQ-12.07.03-TS-MONI.1329 REQ-12.07.03-TS-MONI.1319 REQ-12.07.03-TS-MONI.1309 REQ-12.07.03-TS-MONI.1299 REQ-12.07.03-TS-MONI.1249 REQ-12.07.03-TS-MONI.1214 REQ-12.07.03-TS-MONI.1164 REQ-12.07.03-TS-MONI.1138 REQ-12.07.03-TS-MONI.1137 REQ-12.07.03-TS-MONI.1136 REQ-12.07.03-TS-MONI.1135 REQ-12.07.03-TS-MONI.1133 REQ-12.07.03-TS-MONI.1082 REQ-12.07.03-TS-MONI.0966 REQ-12.07.03-TS-MONI.0959 REQ-12.07.03-TS-MONI.0952 REQ-12.07.03-TS-MONI.0951 REQ-12.07.03-TS-MONI.0950 REQ-12.07.03-TS-MONI.0949 REQ-12.07.03-TS-MONI.0948 REQ-12.07.03-TS-MONI.0946
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		REQ-12.07.03-TS-MONI.0921 REQ-12.07.03-TS-MONI.0920 REQ-12.07.03-TS-MONI.0919 REQ-12.07.03-TS-MONI.0918 REQ-12.07.03-TS-MONI.0916 REQ-12.07.03-TS-MONI.0867 REQ-12.07.03-TS-MONI.0866 REQ-12.07.03-TS-MONI.0865 REQ-12.07.03-TS-MONI.0864 REQ-12.07.03-TS-MONI.0862 REQ-12.07.03-TS-MONI.0861 REQ-12.07.03-TS-MONI.0860 REQ-12.07.03-TS-MONI.0859 REQ-12.07.03-TS-MONI.0858 REQ-12.07.03-TS-MONI.0856 REQ-12.07.03-TS-MONI.0821 REQ-12.07.03-TS-MONI.0786 REQ-12.07.03-TS-MONI.0751 REQ-12.07.03-TS-MONI.0714 REQ-12.07.03-TS-MONI.0679 REQ-12.07.03-TS-MONI.0644 REQ-12.07.03-TS-MONI.0619 REQ-12.07.03-TS-MONI.0618 REQ-12.07.03-TS-MONI.0617 REQ-12.07.03-TS-MONI.0616 REQ-12.07.03-TS-MONI.0614 REQ-12.07.03-TS-MONI.0589 REQ-12.07.03-TS-MONI.0588 REQ-12.07.03-TS-MONI.0587 REQ-12.07.03-TS-MONI.0586 REQ-12.07.03-TS-MONI.0584 REQ-12.07.03-TS-MONI.0555 REQ-12.07.03-TS-MONI.0554 REQ-12.07.03-TS-MONI.0553 REQ-12.07.03-TS-MONI.0551 REQ-12.07.03-TS-MONI.0549 REQ-12.07.03-TS-MONI.0507
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		REQ-12.07.03-TS-MONI.0472 REQ-12.07.03-TS-MONI.0436
REQ-06.06.02-OSED-APMO.0050	KPI Calculations	REQ-12.07.03-TS-STEE.3853 REQ-12.07.03-TS-MONI.0382
REQ-06.06.02-OSED-APMO.0060	KPI Calculations	REQ-12.07.03-TS-STEE.3853 REQ-12.07.03-TS-MONI.0388
REQ-06.06.02-OSED-APMO.0070	KPI Calculations	REQ-12.07.03-TS-MONI.5369 REQ-12.07.03-TS-MONI.5273 REQ-12.07.03-TS-STEE.3853 REQ-12.07.03-TS-STEE.3819 REQ-12.07.03-TS-MONI.0393
REQ-06.06.02-OSED-APMO.0080	Airport Performance Data	REQ-12.07.03-TS-MONI.1823
REQ-06.06.02-OSED-APMO.0090	Rules Engine	REQ-12.07.03-TS-MONI.7842 REQ-12.07.03-TS-MONI.7836 REQ-12.07.03-TS-MONI.7830 REQ-12.07.03-TS-MONI.7824 REQ-12.07.03-TS-MONI.7773 REQ-12.07.03-TS-MONI.7767 REQ-12.07.03-TS-MONI.7761 REQ-12.07.03-TS-MONI.7755 REQ-12.07.03-TS-MONI.7702 REQ-12.07.03-TS-MONI.7696 REQ-12.07.03-TS-MONI.7521 REQ-12.07.03-TS-MONI.7515 REQ-12.07.03-TS-MONI.7478 REQ-12.07.03-TS-MONI.7472 REQ-12.07.03-TS-MONI.7466 REQ-12.07.03-TS-MONI.7460 REQ-12.07.03-TS-MONI.7413 REQ-12.07.03-TS-MONI.7407 REQ-12.07.03-TS-MONI.7401 REQ-12.07.03-TS-MONI.7395

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		REQ-12.07.03-TS-MONI.4685 REQ-12.07.03-TS-MONI.4680 REQ-12.07.03-TS-MONI.4481 REQ-12.07.03-TS-MONI.4476 REQ-12.07.03-TS-MONI.4471 REQ-12.07.03-TS-MONI.4466 REQ-12.07.03-TS-MONI.4415 REQ-12.07.03-TS-MONI.4405 REQ-12.07.03-TS-MONI.4359 REQ-12.07.03-TS-MONI.4354 REQ-12.07.03-TS-MONI.4349 REQ-12.07.03-TS-MONI.4344 REQ-12.07.03-TS-MONI.4281 REQ-12.07.03-TS-MONI.4276 REQ-12.07.03-TS-MONI.4255 REQ-12.07.03-TS-MONI.4250 REQ-12.07.03-TS-MONI.4200 REQ-12.07.03-TS-MONI.4195 REQ-12.07.03-TS-MONI.4190 REQ-12.07.03-TS-MONI.4185 REQ-12.07.03-TS-MONI.4139 REQ-12.07.03-TS-MONI.4134

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		REQ-12.07.03-TS-MONI.1090 REQ-12.07.03-TS-MONI.1084 REQ-12.07.03-TS-MONI.0969 REQ-12.07.03-TS-MONI.0968 REQ-12.07.03-TS-MONI.0962 REQ-12.07.03-TS-MONI.0961 REQ-12.07.03-TS-MONI.0955 REQ-12.07.03-TS-MONI.0954 REQ-12.07.03-TS-MONI.0824 REQ-12.07.03-TS-MONI.0823 REQ-12.07.03-TS-MONI.0789 REQ-12.07.03-TS-MONI.0788 REQ-12.07.03-TS-MONI.0754 REQ-12.07.03-TS-MONI.0753 REQ-12.07.03-TS-MONI.0717 REQ-12.07.03-TS-MONI.0716 REQ-12.07.03-TS-MONI.0682 REQ-12.07.03-TS-MONI.0681 REQ-12.07.03-TS-MONI.0647 REQ-12.07.03-TS-MONI.0646 REQ-12.07.03-TS-MONI.0510 REQ-12.07.03-TS-MONI.0509 REQ-12.07.03-TS-MONI.0474 REQ-12.07.03-TS-MONI.0451 REQ-12.07.03-TS-MONI.0446
REQ-06.06.02-OSED-APMO.0100	Rules Engine	REQ-12.07.03-TS-MONI.7830 REQ-12.07.03-TS-MONI.7824 REQ-12.07.03-TS-MONI.7761 REQ-12.07.03-TS-MONI.7755 REQ-12.07.03-TS-MONI.7696 REQ-12.07.03-TS-MONI.7515 REQ-12.07.03-TS-MONI.7466 REQ-12.07.03-TS-MONI.7460 REQ-12.07.03-TS-MONI.7401 REQ-12.07.03-TS-MONI.7395 REQ-12.07.03-TS-MONI.7336

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		REQ-12.07.03-TS-MONI.7330 REQ-12.07.03-TS-MONI.7271 REQ-12.07.03-TS-MONI.7265 REQ-12.07.03-TS-MONI.6865 REQ-12.07.03-TS-MONI.6821 REQ-12.07.03-TS-MONI.6777 REQ-12.07.03-TS-MONI.6733 REQ-12.07.03-TS-MONI.6689 REQ-12.07.03-TS-MONI.6645 REQ-12.07.03-TS-MONI.6601 REQ-12.07.03-TS-MONI.6521 REQ-12.07.03-TS-MONI.6477 REQ-12.07.03-TS-MONI.6433 REQ-12.07.03-TS-MONI.6389 REQ-12.07.03-TS-MONI.6345 REQ-12.07.03-TS-MONI.6301 REQ-12.07.03-TS-MONI.6257 REQ-12.07.03-TS-MONI.6213 REQ-12.07.03-TS-MONI.6169 REQ-12.07.03-TS-MONI.6125 REQ-12.07.03-TS-MONI.6081 REQ-12.07.03-TS-MONI.5598 REQ-12.07.03-TS-MONI.5482 REQ-12.07.03-TS-MONI.4680 REQ-12.07.03-TS-MONI.4471 REQ-12.07.03-TS-MONI.4466 REQ-12.07.03-TS-MONI.4405 REQ-12.07.03-TS-MONI.4349 REQ-12.07.03-TS-MONI.4344 REQ-12.07.03-TS-MONI.4255 REQ-12.07.03-TS-MONI.4250 REQ-12.07.03-TS-MONI.4190 REQ-12.07.03-TS-MONI.4185 REQ-12.07.03-TS-MONI.4134 REQ-12.07.03-TS-MONI.4060
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		REQ-12.07.03-TS-MONI.4039 REQ-12.07.03-TS-MONI.4029 REQ-12.07.03-TS-MONI.1333 REQ-12.07.03-TS-MONI.1332 REQ-12.07.03-TS-MONI.1323 REQ-12.07.03-TS-MONI.1322 REQ-12.07.03-TS-MONI.1313 REQ-12.07.03-TS-MONI.1312 REQ-12.07.03-TS-MONI.1303 REQ-12.07.03-TS-MONI.1302 REQ-12.07.03-TS-MONI.1253 REQ-12.07.03-TS-MONI.1252 REQ-12.07.03-TS-MONI.1216 REQ-12.07.03-TS-MONI.1168 REQ-12.07.03-TS-MONI.1167 REQ-12.07.03-TS-MONI.1090 REQ-12.07.03-TS-MONI.1084 REQ-12.07.03-TS-MONI.0968 REQ-12.07.03-TS-MONI.0961 REQ-12.07.03-TS-MONI.0954 REQ-12.07.03-TS-MONI.0823 REQ-12.07.03-TS-MONI.0788 REQ-12.07.03-TS-MONI.0753 REQ-12.07.03-TS-MONI.0716 REQ-12.07.03-TS-MONI.0681 REQ-12.07.03-TS-MONI.0646 REQ-12.07.03-TS-MONI.0509 REQ-12.07.03-TS-MONI.0474 REQ-12.07.03-TS-MONI.0446 REQ-12.07.03-TS-MONI.0398
REQ-06.06.02-OSD-APMO.0110	Rules Engine	REQ-12.07.03-TS-MONI.7842 REQ-12.07.03-TS-MONI.7836 REQ-12.07.03-TS-MONI.7773 REQ-12.07.03-TS-MONI.7767 REQ-12.07.03-TS-MONI.7702 REQ-12.07.03-TS-MONI.7521

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		REQ-12.07.03-TS-MONI.7478 REQ-12.07.03-TS-MONI.7472 REQ-12.07.03-TS-MONI.7413 REQ-12.07.03-TS-MONI.7407 REQ-12.07.03-TS-MONI.7348 REQ-12.07.03-TS-MONI.7342 REQ-12.07.03-TS-MONI.7283 REQ-12.07.03-TS-MONI.7277 REQ-12.07.03-TS-MONI.6871 REQ-12.07.03-TS-MONI.6827 REQ-12.07.03-TS-MONI.6783 REQ-12.07.03-TS-MONI.6739 REQ-12.07.03-TS-MONI.6695 REQ-12.07.03-TS-MONI.6651 REQ-12.07.03-TS-MONI.6607 REQ-12.07.03-TS-MONI.6527 REQ-12.07.03-TS-MONI.6483 REQ-12.07.03-TS-MONI.6439 REQ-12.07.03-TS-MONI.6395 REQ-12.07.03-TS-MONI.6351 REQ-12.07.03-TS-MONI.6307 REQ-12.07.03-TS-MONI.6263 REQ-12.07.03-TS-MONI.6219 REQ-12.07.03-TS-MONI.6175 REQ-12.07.03-TS-MONI.6131 REQ-12.07.03-TS-MONI.6087 REQ-12.07.03-TS-MONI.5604 REQ-12.07.03-TS-MONI.5488 REQ-12.07.03-TS-MONI.4685 REQ-12.07.03-TS-MONI.4481 REQ-12.07.03-TS-MONI.4476 REQ-12.07.03-TS-MONI.4415 REQ-12.07.03-TS-MONI.4359 REQ-12.07.03-TS-MONI.4354 REQ-12.07.03-TS-MONI.4281
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		REQ-12.07.03-TS-MONI.4276 REQ-12.07.03-TS-MONI.4200 REQ-12.07.03-TS-MONI.4195 REQ-12.07.03-TS-MONI.4139 REQ-12.07.03-TS-MONI.4061 REQ-12.07.03-TS-MONI.4054 REQ-12.07.03-TS-MONI.4040 REQ-12.07.03-TS-MONI.4034 REQ-12.07.03-TS-MONI.1335 REQ-12.07.03-TS-MONI.1334 REQ-12.07.03-TS-MONI.1325 REQ-12.07.03-TS-MONI.1324 REQ-12.07.03-TS-MONI.1315 REQ-12.07.03-TS-MONI.1314 REQ-12.07.03-TS-MONI.1305 REQ-12.07.03-TS-MONI.1304 REQ-12.07.03-TS-MONI.1255 REQ-12.07.03-TS-MONI.1254 REQ-12.07.03-TS-MONI.1217 REQ-12.07.03-TS-MONI.1170 REQ-12.07.03-TS-MONI.1169 REQ-12.07.03-TS-MONI.1092 REQ-12.07.03-TS-MONI.1091 REQ-12.07.03-TS-MONI.0969 REQ-12.07.03-TS-MONI.0962 REQ-12.07.03-TS-MONI.0955 REQ-12.07.03-TS-MONI.0824 REQ-12.07.03-TS-MONI.0789 REQ-12.07.03-TS-MONI.0754 REQ-12.07.03-TS-MONI.0717 REQ-12.07.03-TS-MONI.0682 REQ-12.07.03-TS-MONI.0647 REQ-12.07.03-TS-MONI.0510 REQ-12.07.03-TS-MONI.0451 REQ-12.07.03-TS-MONI.0403
REQ-06.06.02-OSED-APMO.0120	Airport Performance Framework	REQ-12.07.03-TS-MONI.1828

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		REQ-12.07.03-TS-MONI.0418 REQ-12.07.03-TS-MONI.0413
REQ-06.06.02-OSED-APMO.0130	Performance Monitoring	REQ-12.07.03-TS-MONI.0408
REQ-06.06.02-OSED-APMO.0140	Performance Monitoring	REQ-12.07.03-TS-MONI.4659 REQ-12.07.03-TS-MONI.4654 REQ-12.07.03-TS-MONI.4639 REQ-12.07.03-TS-MONI.4558 REQ-12.07.03-TS-MONI.1661 REQ-12.07.03-TS-MONI.1660
REQ-06.06.02-OSED-APMO.0150	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.1833
REQ-06.06.02-OSED-APMO.0160	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.1958
REQ-06.06.02-OSED-APMO.0170	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.7674 REQ-12.07.03-TS-MONI.7593 REQ-12.07.03-TS-MONI.6859 REQ-12.07.03-TS-MONI.6815 REQ-12.07.03-TS-MONI.6771 REQ-12.07.03-TS-MONI.6727 REQ-12.07.03-TS-MONI.6683 REQ-12.07.03-TS-MONI.6639 REQ-12.07.03-TS-MONI.6595 REQ-12.07.03-TS-MONI.6515 REQ-12.07.03-TS-MONI.6471 REQ-12.07.03-TS-MONI.6427 REQ-12.07.03-TS-MONI.6383 REQ-12.07.03-TS-MONI.6295 REQ-12.07.03-TS-MONI.6251 REQ-12.07.03-TS-MONI.6207 REQ-12.07.03-TS-MONI.6163 REQ-12.07.03-TS-MONI.6119 REQ-12.07.03-TS-MONI.6075 REQ-12.07.03-TS-MONI.5858 REQ-12.07.03-TS-MONI.5821

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		REQ-12.07.03-TS-MONI.5784 REQ-12.07.03-TS-MONI.5747 REQ-12.07.03-TS-MONI.5710 REQ-12.07.03-TS-MONI.5673 REQ-12.07.03-TS-MONI.5636 REQ-12.07.03-TS-MONI.5476 REQ-12.07.03-TS-MONI.5439 REQ-12.07.03-TS-MONI.5402 REQ-12.07.03-TS-MONI.4752 REQ-12.07.03-TS-MONI.4716 REQ-12.07.03-TS-MONI.4129 REQ-12.07.03-TS-MONI.1838 REQ-12.07.03-TS-MONI.0715 REQ-12.07.03-TS-MONI.0680 REQ-12.07.03-TS-MONI.0645 REQ-12.07.03-TS-MONI.0615 REQ-12.07.03-TS-MONI.0585 REQ-12.07.03-TS-MONI.0550 REQ-12.07.03-TS-MONI.0508 REQ-12.07.03-TS-MONI.0473 REQ-12.07.03-TS-MONI.0441
REQ-06.06.02-OSD-APMO.0180	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.7674 REQ-12.07.03-TS-MONI.7593 REQ-12.07.03-TS-MONI.6859 REQ-12.07.03-TS-MONI.6815 REQ-12.07.03-TS-MONI.6771 REQ-12.07.03-TS-MONI.6727 REQ-12.07.03-TS-MONI.6683 REQ-12.07.03-TS-MONI.6639 REQ-12.07.03-TS-MONI.6595 REQ-12.07.03-TS-MONI.6515 REQ-12.07.03-TS-MONI.6471 REQ-12.07.03-TS-MONI.6427 REQ-12.07.03-TS-MONI.6383 REQ-12.07.03-TS-MONI.6295 REQ-12.07.03-TS-MONI.6251

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		REQ-12.07.03-TS-MONI.6207 REQ-12.07.03-TS-MONI.6163 REQ-12.07.03-TS-MONI.6119 REQ-12.07.03-TS-MONI.6075 REQ-12.07.03-TS-MONI.5858 REQ-12.07.03-TS-MONI.5821 REQ-12.07.03-TS-MONI.5784 REQ-12.07.03-TS-MONI.5747 REQ-12.07.03-TS-MONI.5710 REQ-12.07.03-TS-MONI.5673 REQ-12.07.03-TS-MONI.5636 REQ-12.07.03-TS-MONI.5476 REQ-12.07.03-TS-MONI.5439 REQ-12.07.03-TS-MONI.5402 REQ-12.07.03-TS-MONI.4752 REQ-12.07.03-TS-MONI.4716 REQ-12.07.03-TS-MONI.4129 REQ-12.07.03-TS-STEE.3814 REQ-12.07.03-TS-MONI.1843 REQ-12.07.03-TS-MONI.0715 REQ-12.07.03-TS-MONI.0680 REQ-12.07.03-TS-MONI.0645 REQ-12.07.03-TS-MONI.0615 REQ-12.07.03-TS-MONI.0585 REQ-12.07.03-TS-MONI.0550 REQ-12.07.03-TS-MONI.0508 REQ-12.07.03-TS-MONI.0473 REQ-12.07.03-TS-MONI.0441
REQ-06.06.02-OSD-APMO.0190	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.7819 REQ-12.07.03-TS-MONI.7814 REQ-12.07.03-TS-MONI.7809 REQ-12.07.03-TS-MONI.7750 REQ-12.07.03-TS-MONI.7745 REQ-12.07.03-TS-MONI.7740 REQ-12.07.03-TS-MONI.7691 REQ-12.07.03-TS-MONI.7669

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		REQ-12.07.03-TS-MONI.7664 REQ-12.07.03-TS-MONI.7659 REQ-12.07.03-TS-MONI.7654 REQ-12.07.03-TS-MONI.7639 REQ-12.07.03-TS-MONI.7634 REQ-12.07.03-TS-MONI.7629 REQ-12.07.03-TS-MONI.7624 REQ-12.07.03-TS-MONI.7619 REQ-12.07.03-TS-MONI.7602 REQ-12.07.03-TS-MONI.7601 REQ-12.07.03-TS-MONI.7600 REQ-12.07.03-TS-MONI.7599 REQ-12.07.03-TS-MONI.7587 REQ-12.07.03-TS-MONI.7582 REQ-12.07.03-TS-MONI.7577 REQ-12.07.03-TS-MONI.7562 REQ-12.07.03-TS-MONI.7510 REQ-12.07.03-TS-MONI.7455 REQ-12.07.03-TS-MONI.7450 REQ-12.07.03-TS-MONI.7390 REQ-12.07.03-TS-MONI.7385 REQ-12.07.03-TS-MONI.7325 REQ-12.07.03-TS-MONI.7320 REQ-12.07.03-TS-MONI.7260 REQ-12.07.03-TS-MONI.7255 REQ-12.07.03-TS-MONI.7181 REQ-12.07.03-TS-MONI.7175 REQ-12.07.03-TS-MONI.7149 REQ-12.07.03-TS-MONI.7086 REQ-12.07.03-TS-MONI.7080 REQ-12.07.03-TS-MONI.7043 REQ-12.07.03-TS-MONI.6980 REQ-12.07.03-TS-MONI.6907 REQ-12.07.03-TS-MONI.6559 REQ-12.07.03-TS-MONI.6339
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		REQ-12.07.03-TS-MONI.6039 REQ-12.07.03-TS-MONI.6003 REQ-12.07.03-TS-MONI.5967 REQ-12.07.03-TS-MONI.5931 REQ-12.07.03-TS-MONI.5895 REQ-12.07.03-TS-MONI.5593 REQ-12.07.03-TS-MONI.5557 REQ-12.07.03-TS-MONI.5520 REQ-12.07.03-TS-MONI.5367 REQ-12.07.03-TS-MONI.5271 REQ-12.07.03-TS-MONI.4896 REQ-12.07.03-TS-MONI.4860 REQ-12.07.03-TS-MONI.4675 REQ-12.07.03-TS-MONI.4516 REQ-12.07.03-TS-MONI.4511 REQ-12.07.03-TS-MONI.4461 REQ-12.07.03-TS-MONI.4456 REQ-12.07.03-TS-MONI.4395 REQ-12.07.03-TS-MONI.4339 REQ-12.07.03-TS-MONI.4334 REQ-12.07.03-TS-MONI.4245 REQ-12.07.03-TS-MONI.4240 REQ-12.07.03-TS-MONI.4180 REQ-12.07.03-TS-MONI.4175 REQ-12.07.03-TS-MONI.1848 REQ-12.07.03-TS-MONI.1331 REQ-12.07.03-TS-MONI.1330 REQ-12.07.03-TS-MONI.1321 REQ-12.07.03-TS-MONI.1320 REQ-12.07.03-TS-MONI.1311 REQ-12.07.03-TS-MONI.1310 REQ-12.07.03-TS-MONI.1301 REQ-12.07.03-TS-MONI.1300 REQ-12.07.03-TS-MONI.1251 REQ-12.07.03-TS-MONI.1250
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		REQ-12.07.03-TS-MONI.1215 REQ-12.07.03-TS-MONI.1166 REQ-12.07.03-TS-MONI.1165 REQ-12.07.03-TS-MONI.1134 REQ-12.07.03-TS-MONI.1089 REQ-12.07.03-TS-MONI.1083 REQ-12.07.03-TS-MONI.0967 REQ-12.07.03-TS-MONI.0960 REQ-12.07.03-TS-MONI.0953 REQ-12.07.03-TS-MONI.0947 REQ-12.07.03-TS-MONI.0917 REQ-12.07.03-TS-MONI.0863 REQ-12.07.03-TS-MONI.0857 REQ-12.07.03-TS-MONI.0822 REQ-12.07.03-TS-MONI.0787 REQ-12.07.03-TS-MONI.0752
REQ-06.06.02-OSED-APMO.0200	Performance Monitoring HMI	
REQ-06.06.02-OSED-APMO.0210	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.1973 REQ-12.07.03-TS-MONI.1963
REQ-06.06.02-OSED-APMO.0230	Security	REQ-12.07.03-TS-MONI.1928
REQ-06.06.02-OSED-APMO.0240	Rules Engine	REQ-12.07.03-TS-MONI.0393 REQ-12.07.03-TS-MONI.0388 REQ-12.07.03-TS-MONI.0382
REQ-06.06.02-OSED-APMO.0250	Rules Engine	REQ-12.07.03-TS-MONI.1814
REQ-06.06.02-OSED-APMO.0260	Warning / Alert Message	REQ-12.07.03-TS-STEE.5005 REQ-12.07.03-TS-STEE.4995 REQ-12.07.03-TS-MONI.1854 REQ-12.07.03-TS-MONI.1853
REQ-06.06.02-OSED-APMO.0270	Rules Engine	REQ-12.07.03-TS-MONI.0418 REQ-12.07.03-TS-MONI.0413

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REQ-06.06.02-OSED-APMO.0280	Distribute Warning / Alert Message	REQ-12.07.03-TS-MONI.0418 REQ-12.07.03-TS-MONI.0413
REQ-06.06.02-OSED-APMO.0290	Distribute Warning / Alert Message	REQ-12.07.03-TS-MONI.1989 REQ-12.07.03-TS-MONI.1984
REQ-06.06.02-OSED-APMO.0300	Distribute Warning / Alert Message	REQ-12.07.03-TS-MONI.7853 REQ-12.07.03-TS-MONI.7848 REQ-12.07.03-TS-MONI.7784 REQ-12.07.03-TS-MONI.7779 REQ-12.07.03-TS-MONI.7713 REQ-12.07.03-TS-MONI.7708 REQ-12.07.03-TS-MONI.7532 REQ-12.07.03-TS-MONI.7527 REQ-12.07.03-TS-MONI.7489 REQ-12.07.03-TS-MONI.7484 REQ-12.07.03-TS-MONI.7424 REQ-12.07.03-TS-MONI.7419 REQ-12.07.03-TS-MONI.7359 REQ-12.07.03-TS-MONI.7354 REQ-12.07.03-TS-MONI.7294 REQ-12.07.03-TS-MONI.7289 REQ-12.07.03-TS-MONI.6882 REQ-12.07.03-TS-MONI.6877 REQ-12.07.03-TS-MONI.6838 REQ-12.07.03-TS-MONI.6833 REQ-12.07.03-TS-MONI.6794 REQ-12.07.03-TS-MONI.6789 REQ-12.07.03-TS-MONI.6750 REQ-12.07.03-TS-MONI.6745 REQ-12.07.03-TS-MONI.6706 REQ-12.07.03-TS-MONI.6701 REQ-12.07.03-TS-MONI.6662 REQ-12.07.03-TS-MONI.6657 REQ-12.07.03-TS-MONI.6618 REQ-12.07.03-TS-MONI.6613

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		REQ-12.07.03-TS-MONI.0756 REQ-12.07.03-TS-MONI.0755 REQ-12.07.03-TS-MONI.0719 REQ-12.07.03-TS-MONI.0718 REQ-12.07.03-TS-MONI.0684 REQ-12.07.03-TS-MONI.0683 REQ-12.07.03-TS-MONI.0649 REQ-12.07.03-TS-MONI.0648 REQ-12.07.03-TS-MONI.0512 REQ-12.07.03-TS-MONI.0511 REQ-12.07.03-TS-MONI.0477 REQ-12.07.03-TS-MONI.0476 REQ-12.07.03-TS-MONI.0462 REQ-12.07.03-TS-MONI.0456
REQ-06.06.02-OSED-APMO.0310	Distribute Warning / Alert Message	REQ-12.07.03-TS-MONI.1978
REQ-06.06.02-OSED-APMO.0320	Common Situational Awareness	
REQ-06.06.02-OSED-APMO.0330	Common Situational Awareness	
REQ-06.06.02-OSED-APMO.0340	Common Situational Awareness	
REQ-06.06.02-OSED-APMO.0350	Common Situational Awareness	
REQ-06.05.03-OSED-PERF.0010	TWY capacity change	
REQ-06.05.03-OSED-PERF.0040	detailed TWY capacity granularity	
REQ-06.05.03-OSED-PERF.0050	TWY capacity role	
REQ-06.05.03-OSED-PERF.0060	info on TWY capacity influence factors	
REQ-06.05.03-OSED-PERF.0070	weather for TWY capacity	
REQ-06.05.03-OSED-PERF.0071		
REQ-06.05.03-OSED-PERF.0080	TWY reason for capacity reduction	
REQ-06.05.03-OSED-PERF.0090	alert period	
REQ-06.05.03-OSED-PERF.0100	taxi time update	
REQ-06.05.03-OSED-PERF.0110	TMA capacity update	
REQ-06.05.03-OSED-PERF.0111		
REQ-06.05.03-OSED-PERF.0150	information of capacity updates	
REQ-06.05.03-OSED-PERF.0160	TMA wx	
REQ-06.05.03-OSED-PERF.0161		
REQ-06.05.03-OSED-PERF.0170	TMA reason for capacity reduction	

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REQ-06.05.03-OSED-PERF.0200	runway availability	
REQ-06.05.03-OSED-PERF.0200		
REQ-06.05.03-OSED-PERF.0210	runway usability	
REQ-06.05.03-OSED-PERF.0220	usability reason	
REQ-06.05.03-OSED-PERF.0221		
REQ-06.05.03-OSED-PERF.0222		
REQ-06.05.03-OSED-PERF.0223		
REQ-06.05.03-OSED-PERF.0230	declared capacity update	
REQ-06.05.03-OSED-PERF.0240		
REQ-06.05.03-OSED-PERF.0250		
REQ-06.05.03-OSED-PERF.0260		
REQ-06.05.03-OSED-PERF.0270		
REQ-06.05.05-OSED-MET1.0024	Rules Engine with MET data	
REQ-06.05.05-OSED-MET1.0032	METSP overrides Rules Engine Alerts and warnings	
REQ-06.05.04-OSED-AOIP.1000	Analyze Alert from Performance Airport Monitoring	REQ-12.07.03-TS-MANA.0021 REQ-12.07.03-TS-MANA.0015
REQ-06.05.04-OSED-AOIP.1010	Analyze Alert from Performance Airport Monitoring	REQ-12.07.03-TS-MANA.0029
REQ-06.05.04-OSED-AOIP.1020	Analyze Alert from Performance Airport Monitoring	REQ-12.07.03-TS-MANA.0096 REQ-12.07.03-TS-MANA.0089 REQ-12.07.03-TS-MANA.0084 REQ-12.07.03-TS-MANA.0079 REQ-12.07.03-TS-MANA.0074 REQ-12.07.03-TS-MANA.0069 REQ-12.07.03-TS-MANA.0064 REQ-12.07.03-TS-MANA.0059 REQ-12.07.03-TS-MANA.0054 REQ-12.07.03-TS-MANA.0049 REQ-12.07.03-TS-MANA.0044 REQ-12.07.03-TS-MANA.0034
REQ-06.05.04-OSED-AOIP.6000	Update overall Impact Message	
REQ-06.05.04-OSED-AOIP.6010	Update overall Impact Message	REQ-12.07.03-TS-MANA.0105
REQ-06.05.04-OSED-AOIP.1030	Analyze Alert from Performance Airport Monitoring item	REQ-12.07.03-TS-MANA.0039

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REQ-06.05.04-OSED-AOIP.1040	Analyze Alert from Performance Airport Monitoring item 2 and 3	REQ-12.07.03-TS-MANA.0127 REQ-12.07.03-TS-MANA.0122 REQ-12.07.03-TS-MANA.0121
REQ-06.05.04-OSED-AOIP.1050	Analyze Alert from Performance Airport Monitoring Item 4-12	
REQ-06.05.04-OSED-AOIP.1060	Analyze Alert from Performance Airport Monitoring concerning event and MET reports	REQ-12.07.03-TS-MANA.5147
REQ-06.05.04-OSED-AOIP.1070	Collect and analyze background information	
REQ-06.05.04-OSED-AOIP.1080	Assess involvement of potential additional stakeholder	
REQ-06.05.04-OSED-AOIP.2000	Assess involvement of potential additional stakeholder	
REQ-06.05.04-OSED-AOIP.2010	Include additional stakeholder(s)	REQ-12.07.03-TS-STEE.3814 REQ-12.07.03-TS-MANA.1933
REQ-06.05.04-OSED-AOIP.2020	Include additional stakeholder(s)	REQ-12.07.03-TS-STEE.3814 REQ-12.07.03-TS-MANA.1938
REQ-06.05.04-OSED-AOIP.3000	Specify the problem using expertise.	
REQ-06.05.04-OSED-AOIP.3010	Specify the problem using expertise.	
REQ-06.05.04-OSED-AOIP.4000	Determine overall impact on KPI	REQ-12.07.03-TS-MANA.0089
REQ-06.05.04-OSED-AOIP.3020	Check experience from the past.	REQ-12.07.03-TS-MANA.0158
REQ-06.05.04-OSED-AOIP.4010	Determine overall impact on KPI	REQ-12.07.03-TS-MANA.0089
REQ-06.05.04-OSED-AOIP.5000	Classify severity level	
REQ-06.05.04-OSED-AOIP.5010	Classify severity level	
REQ-06.05.04-OSED-AOIP.5020	Classify severity level	
REQ-06.05.04-OSED-AOIP.5030	Classify severity level	
REQ-06.05.04-OSED-AOIP.5040	Classify severity level	
REQ-06.05.04-OSED-AOIP.5045		REQ-12.07.03-TS-MANA.7884
REQ-06.05.04-OSED-AOIP.5046		REQ-12.07.03-TS-MANA.7885 REQ-12.07.03-TS-MANA.7889
REQ-06.05.04-OSED-AOIP.5050	Finalizes impact message	REQ-12.07.03-TS-MANA.0164
REQ-06.05.04-OSED-AOIP.5060		REQ-12.07.03-TS-MANA.7886
REQ-06.05.04-OSED-AOIP.5070		REQ-12.07.03-TS-MANA.7887
REQ-06.05.04-OSED-AOIP.7000	Publish overall impact message	REQ-12.07.03-TS-MANA.0164

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REQ-06.05.04-OSED-AOIP.7010	Publish overall impact message	REQ-12.07.03-TS-MANA.0164
REQ-06.05.04-OSED-MDEC.0110	Derive Solution for overall impact message	REQ-12.07.03-TS-MANA.1729 REQ-12.07.03-TS-MANA.0238 REQ-12.07.03-TS-MANA.0203 REQ-12.07.03-TS-MANA.0198 REQ-12.07.03-TS-MANA.0193 REQ-12.07.03-TS-MANA.0188 REQ-12.07.03-TS-MANA.0183 REQ-12.07.03-TS-MANA.0172
REQ-06.05.04-OSED-MDEC.0100	Derive Solution for overall impact message	REQ-12.07.03-TS-MANA.0208
REQ-06.05.04-OSED-MDEC.1000	Check acknowledgement from Stakeholder	REQ-12.07.03-TS-MANA.0213
REQ-06.05.04-OSED-MDEC.1020	Contact stakeholder to get acknowledgement if necessary	
REQ-06.05.04-OSED-MDEC.1021	Contact stakeholder to get acknowledgement if necessary	
REQ-06.05.04-OSED-MDEC.1022	Check applicability of pre-defined goals and criteria	
REQ-06.05.04-OSED-MDEC.2500	Define additional goals and criteria	
REQ-06.05.04-OSED-MDEC.2600	Define additional goals and criteria	REQ-12.07.03-TS-MANA.0233
REQ-06.05.04-OSED-MDEC.2610	Define additional goals and criteria	REQ-12.07.03-TS-STEE.3814 REQ-12.07.03-TS-MANA.0228
REQ-06.05.04-OSED-MDEC.3000	Search for pre-defined solution(s)	REQ-12.07.03-TS-MANA.0263
REQ-06.05.04-OSED-MDEC.3010	Search for pre-defined solution(s)	REQ-12.07.03-TS-MANA.0268
REQ-06.05.04-OSED-MDEC.3011	Search for pre-defined solution(s)	REQ-12.07.03-TS-MANA.0273
REQ-06.05.04-OSED-MDEC.3012	Update Solution Message	
REQ-06.05.04-OSED-MDEC.3013	Check applicability of pre-defined solutions	
REQ-06.05.04-OSED-MDEC.3016	Update solution Message	REQ-12.07.03-TS-MANA.1763

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REQ-06.05.04-OSED-MDEC.3014	Define ad-hoc solution(s)	REQ-12.07.03-TS-MANA.0283
REQ-06.05.04-OSED-MDEC.3015	Update solution Message	REQ-12.07.03-TS-MANA.0288
REQ-06.05.04-OSED-MDEC.5000	Assess impact of candidate solution(s)	
REQ-06.05.04-OSED-MDEC.5030	Assess impact of candidate solution(s)	REQ-12.07.03-TS-MANA.1943
REQ-06.05.04-OSED-MDEC.5050	Assess impact of candidate solution(s)	REQ-12.07.03-TS-MANA.1948
REQ-06.05.04-OSED-MDEC.6000	Negotiate solutions against stakeholder preference	
REQ-06.05.04-OSED-MDEC.6010	Select Solution	
REQ-06.05.04-OSED-MDEC.6011	APOC supervisor takes decision.	
REQ-06.05.04-OSED-MDEC.6013	Update Solution Message	REQ-12.07.03-TS-MANA.1729
REQ-06.05.04-OSED-MDEC.6014	Publish Solution	REQ-12.07.03-TS-MANA.0293
REQ-06.05.04-OSED-MDEC.6015	Publish Solution	
REQ-06.05.04-OSED-MDEC.6016	Publish Solution	REQ-12.07.03-TS-MANA.0278
REQ-06.05.04-OSED-MDEC.7000	Stakeholder implement solution	
REQ-06.05.04-OSED-ADCO.0001	Instantiate the Predefined solution table	
REQ-06.05.04-OSED-ADCO.0002	Update the Predefined solution table	
REQ-06.05.04-OSED-ADCO.0010	Update Predefined Solution Table	REQ-12.07.03-TS-STEE.3814 REQ-12.07.03-TS-MANA.0298
REQ-06.05.04-OSED-ADCO.0011	Publish updated Predefined Solution Table	REQ-12.07.03-TS-MANA.1953
REQ-06.05.04-OSED-ADCO.0012	Update Predefined Solution Table	REQ-12.07.03-TS-STEE.3814 REQ-12.07.03-TS-MANA.0303
REQ-06.05.04-OSED-ADCO.0013	Search for a code	REQ-12.07.03-TS-MANA.0158
REQ-06.05.04-OSED-ADCO.0014	Search for predefined solutions	REQ-12.07.03-TS-STEE.3814 REQ-12.07.03-TS-MANA.0308

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REQ-06.05.04-OSED-ADCO.0015	Instantiate Predefined Solution Table	REQ-12.07.03-TS-MANA.0325 REQ-12.07.03-TS-MANA.0324 REQ-12.07.03-TS-MANA.0323 REQ-12.07.03-TS-MANA.0322 REQ-12.07.03-TS-MANA.0321 REQ-12.07.03-TS-MANA.0320 REQ-12.07.03-TS-MANA.0319 REQ-12.07.03-TS-MANA.0318 REQ-12.07.03-TS-MANA.0317 REQ-12.07.03-TS-MANA.0316 REQ-12.07.03-TS-MANA.0315 REQ-12.07.03-TS-MANA.0314 REQ-12.07.03-TS-MANA.0313
REQ-06.05.03-OSED-MNGE.0001	coordinate capacity change management	
REQ-06.05.03-OSED-MNGE.0002	coordinate capacity change management	
REQ-06.05.03-OSED-MNGE.0010	coordinate runway usability	
REQ-06.05.03-OSED-MNGE.0020	manual DCB recalculation	
REQ-06.05.03-OSED-MNGE.0030	evaluation of DCB solution proposal	
REQ-06.05.03-OSED-MNGE.0040	evaluate DCB solution effect on remaining airport	
REQ-06.05.03-OSED-MNGE.0050	DCB solution agreement	
REQ-06.05.03-OSED-MNGE.0051	DCB solution agreement	
REQ-06.05.03-OSED-MNGE.0060	activation of DCB solution in planning	
REQ-06.05.03-OSED-MNGE.0070	establish solution	
REQ-06.06.01-OSED-POPS.0001	Information recording for post operations analysis	REQ-12.07.03-TS-PoDR.3693 REQ-12.07.03-TS-PoDR.3688 REQ-12.07.03-TS-PoDR.3652 REQ-12.07.03-TS-PoDR.3651
REQ-06.06.01-OSED-POPS.0002	Date and time recording for post operations analysis	REQ-12.07.03-TS-PoDR.3661
REQ-06.06.01-OSED-POPS.0003	Source recording for post operations analysis	REQ-12.07.03-TS-PoDR.3666
REQ-06.06.01-OSED-POPS.0004	Data format check in the AOP for post operations analysis	
REQ-06.06.01-OSED-POPS.0005	Data consistency check in the AOP for post operations	

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	analysis	
REQ-06.06.01-OSED-POPS.0006	Recorded data accessibility for post operations analysis	
REQ-06.06.01-OSED-POPS.0007	Data access for standard post operations analysis report	
REQ-06.06.01-OSED-POPS.0008	Automatic selection of post operations analysis report template	
REQ-06.06.01-OSED-POPS.0011	Manual identification of data to build an indicator	
REQ-06.06.01-OSED-POPS.0012	Manual formatting of an ad-hoc post operations analysis report	
REQ-06.06.01-OSED-POPS.0013	Manual design of the layout of an ad-hoc post operations analysis report	
REQ-06.06.01-OSED-POPS.0014	Manual design of the content of an ad-hoc post operations analysis report	
REQ-06.06.01-OSED-POPS.0018	Manual definition of the periodicity of an ad-hoc post operations analysis report	
REQ-06.06.01-OSED-POPS.0019	Manual definition of the addressees of an ad-hoc post operations analysis report	
REQ-06.06.01-OSED-POPS.0009	Recording of an ad-hoc post operations analysis report template	
REQ-06.06.01-OSED-POPS.0023	Standard post operations analysis report template accessibility for post operations analysis	
REQ-06.06.01-OSED-POPS.0024	Data needed to produce a raw post operations analysis report	
REQ-06.06.01-OSED-POPS.0025	Production of a raw post operations analysis report	
REQ-06.06.01-OSED-POPS.0026	Anomaly detection in a raw post operations analysis report	
REQ-06.06.01-OSED-POPS.0027	Contact database of operational experts for post operations analysis support	
REQ-06.06.01-OSED-POPS.0028	Search and select capability of the Post Operations Analysis Platform	
REQ-06.06.01-OSED-POPS.0029	Inclusion of additional data in a post operations analysis report	
REQ-06.06.01-OSED-POPS.0030	Modification of a post operations analysis report	
REQ-06.06.01-OSED-POPS.0031	Addition of free text and comments to a post operations analysis report	
REQ-06.06.01-OSED-POPS.0032	Selection of the addressees of an initial post operations analysis report for comments	

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REQ-06.06.01-OSED-POPS.0033	Distribution of a draft post operations analysis report for comments	
REQ-06.06.01-OSED-POPS.0034	Addition of comments to a draft post operations analysis report	
REQ-06.06.01-OSED-POPS.0035	Tracing modifications and comments to a draft post operations analysis report	
REQ-06.06.01-OSED-POPS.0036	Common analysis recording for post operations analysis	
REQ-06.06.01-OSED-POPS.0037	Publication of a final post operations analysis report	
REQ-06.06.01-OSED-POPS.0038	Recording of the post operations analysis reports	
REQ-06.06.01-OSED-POPS.0039		
REQ-06.06.01-OSED-POPS.0040		
REQ-06.05.05-OSED-MET1.0025	Steering the use of MET Data in Post ops	
REQ-06.05.05-OSED-MET1.0026	Steering the Content of MET Data in Post ops	
REQ-06.05.05-OSED-MET1.0027	Granularity of observed MET Data in Post ops	
REQ-06.05.05-OSED-MET1.0028	Granularity of forecasted MET Data in Post ops	
REQ-06.05.05-OSED-MET1.0029	MET Case Analysis request in Post ops	
REQ-06.05.02-OSED-AOPG.0001	AOP general requirements	
REQ-06.05.02-OSED-AOPG.0002	AOP general requirements	
REQ-06.05.02-OSED-AOPG.0010	AOP general requirements	
REQ-06.05.02-OSED-AOPG.0011	AOP general requirements	
REQ-06.05.02-OSED-AOPG.0012	AOP general requirements	
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REQ-06.05.02-OSED-FLID.0001	AOP flight identification	
REQ-06.05.02-OSED-FLID.0005	AOP flight identification	
REQ-06.05.02-OSED-FLID.0006	AOP flight identification	
REQ-06.05.02-OSED-FLID.0007	AOP flight identification	
REQ-06.05.02-OSED-FLID.1007	AOP flight identification	
REQ-06.05.02-OSED-FLID.0008	AOP flight identification	
REQ-06.05.02-OSED-FLID.0009	AOP flight identification	
REQ-06.05.02-OSED-FLID.0101	AOP flight identification	
REQ-06.05.02-OSED-FLID.0102	AOP flight identification	

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REQ-06.05.02-OSED-FLID.0103	AOP flight identification	
REQ-06.05.02-OSED-FLID.0104	AOP flight identification	
REQ-06.05.02-OSED-FLID.0105	AOP flight identification	
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REQ-06.05.02-OSED-FLID.0108	AOP flight identification	
REQ-06.05.02-OSED-FLID.0109	AOP flight identification	
REQ-06.05.02-OSED-FLID.0110	AOP flight identification	
REQ-06.05.02-OSED-FLID.0111	AOP flight identification	
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REQ-06.05.02-OSED-FLID.0201	AOP flight identification	
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REQ-06.05.02-OSED-FLTP.1000	AOP flight identification	
REQ-06.05.02-OSED-FLTP.0001	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0002	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0003	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0004	AOP flight progress monitoring	
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REQ-06.05.02-OSED-FLTP.0008	AOP flight progress monitoring	
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REQ-06.05.02-OSD-FLTP.0012	AOP flight progress monitoring	
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REQ-06.05.02-OSD-FLTP.0015	AOP flight progress monitoring	
REQ-06.05.02-OSD-FLTP.0016	AOP flight progress monitoring	
REQ-06.05.02-OSD-FLTP.0017	AOP flight progress monitoring	
REQ-06.05.02-OSD-FLTP.0018	AOP flight progress monitoring	
REQ-06.05.02-OSD-FLTP.0019	AOP flight progress monitoring	
REQ-06.05.02-OSD-FLTP.0021		
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REQ-06.05.02-OSD-FLTP.0103	AOP flight progress monitoring	
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REQ-06.05.02-OSD-FLTP.0107	AOP flight progress monitoring	
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REQ-06.05.02-OSD-FLTP.0206	AOP flight progress monitoring	
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REQ-06.05.02-OSED-FLTP.0209	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0210	AOP flight progress monitoring	
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REQ-06.05.02-OSED-FLTP.0212	AOP flight progress monitoring	
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REQ-06.05.02-OSED-FLTP.0218	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0219	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0220	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0221	AOP flight progress monitoring	
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REQ-06.05.02-OSED-FLTP.0223	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0224	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0225	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0226	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0227	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0228	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0229	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0230		
REQ-06.05.02-OSED-FLTP.0231		
REQ-06.05.02-OSED-FLTP.0232		
REQ-06.05.02-OSED-FLTP.0233		
REQ-06.05.02-OSED-FLTP.0301	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0302	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0303	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0304	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0305	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0306	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0307	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0308	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0309	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0310	AOP flight progress monitoring	

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REQ-06.05.02-OSED-FLTP.0311	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0312	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0313	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0401	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0402	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0403	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0404	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0501	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0502	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0503	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0504	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0505	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0506	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0507	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0508	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0509	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0510	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0511	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0512	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0513	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0514	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0515	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0516	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0517	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0518	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0519	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0520	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0521	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0522	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0523	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0524	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0525	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0526	AOP flight progress monitoring	
REQ-06.05.02-OSED-FLTP.0527	AOP flight progress monitoring	
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REQ-06.05.02-OSD-LOAD.1000	AOP flight payload information	
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REQ-06.05.02-OSD-CAPC.0107	AOP Resources and Capacity Information	
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REQ-06.05.02-OSED-CAPC.0110	AOP Resources and Capacity Information	
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REQ-06.05.02-OSED-CAPC.0115	AOP Resources and Capacity Information	
REQ-06.05.02-OSED-CAPC.0116	AOP Resources and Capacity Information	
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REQ-06.05.02-OSED-CAPC.0205	AOP Resources and Capacity Information	
REQ-06.05.02-OSED-CAPC.0206	AOP Resources and Capacity Information	
REQ-06.05.02-OSED-CAPC.0207	AOP Resources and Capacity Information	
REQ-06.05.02-OSED-CAPC.0208	AOP Resources and Capacity Information	
REQ-06.05.02-OSED-CAPC.0209	AOP Resources and Capacity Information	
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REQ-06.05.02-OSED-CAPC.0302	AOP Resources and Capacity Information	
REQ-06.05.02-OSED-CAPC.0303	AOP Resources and Capacity Information	
REQ-06.05.02-OSED-CAPC.0304	AOP Resources and Capacity Information	
REQ-06.05.02-OSED-CAPC.0305	AOP Resources and Capacity Information	
REQ-06.05.02-OSED-CAPC.0306	AOP Resources and Capacity Information	
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REQ-06.05.02-OSD-CAPC.0404	AOP Resources and Capacity Information	
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REQ-06.05.02-OSD-ALRT.5550	AOP Landside Process Monitoring	
REQ-06.05.02-OSD-ALRT.5551	AOP Landside Process Monitoring	
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REQ-06.05.03-OSED-DCBS.0119		
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REQ-06.05.03-OSED-DCBS.0210	calculation of Demand- granularity medium term	
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REQ-06.05.03-OSED-DCBS.0330	DCB Monitoring -calculation of KPI capacity shortage short term-demand reason	
REQ-06.05.03-OSED-DCBS.0340	DCB Monitoring - demand change solution advisory	
REQ-06.05.03-OSED-DCBS.0350	DCB Monitoring - Capacity shortage alert- Reason Demand	
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REQ-06.05.03-OSD-DCBS.0371		
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REQ-06.05.03-OSD-DCBS.0610		
REQ-06.05.03-OSD-DCBS.0630	Manual capacity input by TWR supervisor	
REQ-06.05.03-OSD-DCBO.0010	DCB Output - Airport Capacity	
REQ-06.05.03-OSD-DCBO.0020	DCB Output - KPI values	
REQ-06.05.03-OSD-DCBO.0030	publish target times	
REQ-06.05.03-OSD-DCBO.0040	publish TTAs	
REQ-06.05.03-OSD-DCBO.0050		
REQ-06.05.03-OSD-DCBH.0030	Capacity input - Declared	

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REQ-06.05.03-OSD-DCBH.0041		
REQ-06.05.03-OSD-DCBH.0050	access rights	
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REQ-06.05.03-OSD-DCBH.0061		
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REQ-06.05.05-OSD-MET1.0008	General - Compliance of Requirements with ICAO regulations	
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REQ-06.05.05-OSD-MET2.0001	MET-Parameter: Cloud Base actual	
REQ-06.05.05-OSD-MET2.0002	MET-Parameter: Cloud Base predicted	
REQ-06.05.05-OSD-MET2.0003	MET-Parameter: Ceiling actual	
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REQ-06.05.05-OSD-MET2.0059	MET-Parameter: Precipitation Probability forecast liquid	
REQ-06.05.05-OSD-MET2.0060	MET-Parameter: Precipitation Probability forecast snow	
REQ-06.05.05-OSD-MET2.0061	MET-Parameter: Precipitation Probability forecast freezing	
REQ-06.05.05-OSD-MET2.0062	MET-Parameter: Precipitation Intensity Probability	
REQ-06.05.05-OSD-MET2.0063	MET-Parameter: Precipitation amount Probability	
REQ-06.05.05-OSD-MET2.0064	MET-Parameter: Snowfall amount Probability	
REQ-06.05.05-OSD-MET2.0065	MET-Parameter: Thunderstorm actual	
REQ-06.05.05-OSD-MET2.0066	MET-Parameter: Thunderstorm forecast	
REQ-06.05.05-OSD-MET2.0067	MET-Parameter: Thunderstorm probabilities Airport	
REQ-06.05.05-OSD-MET2.0068	MET-Parameter: Thunderstorm probabilities around Airport	
REQ-06.05.05-OSD-MET2.0069	MET-Parameter: Thunderstorm duration probabilities Airport	
REQ-06.05.05-OSD-MET2.0070	MET-Parameter: Turbulence actual	
REQ-06.05.05-OSD-MET2.0071	MET-Parameter: Turbulence forecast	

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REQ-06.05.05-OSD-MET2.0072	MET-Parameter: wind shear actual	
REQ-06.05.05-OSD-MET2.0073	MET-Parameter: wind shear forecast	
REQ-06.05.05-OSD-MET2.0074	MET-Parameter: turbulence probabilities	
REQ-06.05.05-OSD-MET2.0075	MET-Parameter: turbulence probabilities	
REQ-06.05.05-OSD-MET2.0076	MET-Parameter: low level Temperature inversion actual	
REQ-06.05.05-OSD-MET2.0077	MET-Parameter: low level Temperature inversion forecast	
REQ-06.05.05-OSD-MET2.0078	MET-Parameter: low level Temperature inversion forecast	
REQ-06.05.05-OSD-MET2.0079	MET-Parameter: RWY contaminant type	
REQ-06.05.05-OSD-MET2.0080	MET-Parameter: RWY contaminant thickness	
REQ-06.05.05-OSD-MET2.0081	MET-Parameter: other actual present weather	
REQ-06.05.05-OSD-MET2.0082	MET-Parameter: other forecasted present weather	
REQ-06.05.05-OSD-MET2.0083	MET-Parameter: probability of other forecasted present weather element blowing snow	
REQ-06.05.05-OSD-MET2.0084	MET-Parameter: probability of other forecasted present weather element blowing sand	
REQ-06.05.05-OSD-MET2.0085	MET-Parameter: probability of other forecasted present weather element freezing fog	
REQ-06.05.05-OSD-MET2.0086	MET-Parameter: probability of other forecasted present weather element sand storm	
REQ-06.05.05-OSD-MET2.0087	MET-Parameter: probability of other forecasted present weather element sand storm	
REQ-06.05.05-OSD-MET2.0088	MET-Parameter: probability of other forecasted present weather element funnel cloud	
REQ-06.05.05-OSD-MET3.0001	Derived - Adverse Conditions	
REQ-06.05.05-OSD-MET3.0002	Derived - Adverse Conditions	
REQ-06.05.05-OSD-MET3.0003	Derived - Adverse Conditions	
REQ-06.05.05-OSD-MET3.0004	Derived - Adverse Conditions	
REQ-06.05.05-OSD-MET3.0005	MET-Parameter: electrical storm warning	
REQ-06.05.05-OSD-MET3.0006	Derived - De Icing Condition actual	
REQ-06.05.05-OSD-MET3.0007	Derived - De Icing Condition forecast	
REQ-06.05.05-OSD-MET3.0008	De Icing Conditions	
REQ-06.05.05-OSD-MET3.0009	LVP Conditions	
REQ-06.05.05-OSD-MET3.0010	LVP Conditions	
REQ-06.05.05-OSD-MET3.0011	LVP Conditions	

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REQ-06.06.02-OSED-0001.0010	DEICE-OP-1	
REQ-06.06.02-OSED-0001.0020	DEICE-OP-2	
REQ-06.06.02-OSED-0001.0030	DEICE-OP-9	
REQ-06.06.02-OSED-0001.0040	DEICE-OP-11	
REQ-06.05.05-OSED-MET4.0001	MET-HMIs: Configurability :	
REQ-06.05.05-OSED-MET4.0002	MET-HMIs: display:	
REQ-06.05.05-OSED-MET4.0003	MET-HMIs: display:	
REQ-06.05.05-OSED-MET4.0004	MET-HMIs: display:	
REQ-06.05.05-OSED-MET4.0005	MET-HMIs: additional display:	
REQ-06.05.05-OSED-MET4.0006	MET-HMIs: additional display:	
REQ-06.05.05-OSED-MET4.0007	MET-HMIs: additional display:	

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Appendix E INTEROP TRACEABILITY

INTEROP Requirements Identifier	Title	TS Satisfied Requirements
REQ-06.05.04-INTEROP-STPF.0001	Alert / warning - Aircraft Stand shortage Threshold	REQ-12.07.03-TS-STEE.2044 REQ-12.07.03-TS-STEE.2043
REQ-06.05.04-INTEROP-STPF.0002	Alert / warning - Ground Movement Capacity Shortage Threshold	
REQ-06.05.04-INTEROP-STPF.0003	Alert / warning - Arrival Capacity Shortage Threshold	REQ-12.07.03-TS-STEE.2044 REQ-12.07.03-TS-STEE.2043
REQ-06.05.04-INTEROP-STPF.0004	Alert / warning - Departure Capacity Shortage Threshold	REQ-12.07.03-TS-STEE.2044 REQ-12.07.03-TS-STEE.2043
REQ-06.05.04-INTEROP-STPF.0005	Alert / warning - TMA Capacity Shortage Threshold	
REQ-06.05.04-INTEROP-STPF.0006	Alert / warning - Average Arrival Delay Threshold	REQ-12.07.03-TS-STEE.2044 REQ-12.07.03-TS-STEE.2043
REQ-06.05.04-INTEROP-STPF.0007	Alert / warning - Arrival Punctuality Delay Thresholds	REQ-12.07.03-TS-STEE.2044 REQ-12.07.03-TS-STEE.2043
REQ-06.05.04-INTEROP-STPF.0008	Alert / warning - Average Departure Delay Threshold	REQ-12.07.03-TS-STEE.2044 REQ-12.07.03-TS-STEE.2043
REQ-06.05.04-INTEROP-STPF.0009	Alert / warning - Departure Punctuality Thresholds	REQ-12.07.03-TS-STEE.2044 REQ-12.07.03-TS-STEE.2043
REQ-06.05.04-INTEROP-STPF.0010	Alert / warning - Average Ground Movement Delay Threshold (Taxi-in)	
REQ-06.05.04-INTEROP-STPF.0011	Alert / warning - Ground Movement Punctuality thresholds (Taxi-in)	
REQ-06.05.04-INTEROP-STPF.0012	Alert / warning - Average Ground Movement Delay Threshold (Taxi-out)	

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REQ-06.05.04-INTEROP-STPF.0013	Alert / warning - Ground Movement Punctuality thresholds (Taxi-out)	
REQ-06.05.04-INTEROP-STPF.0014	Alert / warning - Airborne status threshold	
REQ-06.05.04-INTEROP-STPF.0015	Alert / warning - Take-Off threshold	
REQ-06.05.04-INTEROP-STPF.0016	Alert / warning - Passenger Boarding threshold	
REQ-06.05.04-INTEROP-STPF.0017	Alert / warning - TOBT update threshold	
REQ-06.05.04-INTEROP-STPF.0018	Alert / warning - ASBT TOBT threshold	
REQ-06.05.04-INTEROP-STPF.0019	Alert / warning - TSAT TOBT threshold	
REQ-06.05.04-INTEROP-STPF.0020	Alert / warning - ASRT TSAT threshold	
REQ-06.05.04-INTEROP-STPF.0021	Alert / warning - ASAT TSAT threshold	
REQ-06.05.04-INTEROP-STPF.0022	Alert / warning - TOBT EOBT threshold	
REQ-06.05.04-INTEROP-STPF.0023	Alert/ warning - Air holding threshold	
REQ-06.05.04-INTEROP-STPF.0024	Alert / warning - Landing ROT	
REQ-06.05.04-INTEROP-STPF.0025	Alert / warning - Take-Off ROT	
REQ-06.05.04-INTEROP-STPF.1001	MET parameter thresholds	
REQ-06.05.04-INTEROP-STPF.1002	Adverse weather thresholds	
REQ-06.05.04-INTEROP-STPF.1003	End of lightning activity	
REQ-06.05.04-INTEROP-STPF.1004	MET parameters	
REQ-06.05.04-INTEROP-STPF.1005	Time resolution of each MET parameter	

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REQ-06.05.04-INTEROP-STPF.1006	Time span of each MET parameter	
REQ-06.05.04-INTEROP-STPF.1007	Subscription parameters for specific MET service	
REQ-06.05.04-INTEROP-STPF.1008	MET parameter thresholds for de-icing conditions	
REQ-06.05.04-INTEROP-STPF.1009	Subscription criteria	
REQ-06.05.04-INTEROP-STPF.1011	Time resolution of the provided MET forecast data	
REQ-06.05.04-INTEROP-STPF.1012	Probabilistic thunderstorm forecasts	
REQ-06.05.04-INTEROP-STPF.1013	Retention time	
REQ-06.05.04-INTEROP-STPF.2001	TWY capacity change probability threshold	
REQ-06.05.04-INTEROP-STPF.2002	TMA capacity change probability threshold	
REQ-06.05.04-INTEROP-STPF.2003	practical capacity planning buffer	
REQ-06.05.04-INTEROP-STPF.2004	prioritization rules for arrival and departure	
REQ-06.05.04-INTEROP-STPF.2005	TTA issuance rule	
REQ-06.05.04-INTEROP-STPF.2006	TTA tolerance window	
REQ-06.05.04-INTEROP-STPF.2007	max crosswind	
REQ-06.05.04-INTEROP-STPF.2008	max gust speed	
REQ-06.05.04-INTEROP-STPF.2009	crosswind probability	
REQ-06.05.04-INTEROP-STPF.2010	gust speed probability	
REQ-06.05.04-INTEROP-STPF.2011	delay increase threshold	

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REQ-06.05.04-INTEROP-STPF.2012	delay reduction threshold	
REQ-06.05.04-INTEROP-STPF.2013	target function improvement threshold	
REQ-06.05.04-INTEROP-STPF.2020	TOBT fixation threshold (t)	
REQ-06.05.04-INTEROP-PERF.0101	Operational Departure Demand	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0102	Operational Departure Demand	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0103	Apron Stand Shortage	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0104	Air Holding	
REQ-06.05.04-INTEROP-PERF.0105	Arrival Capacity Shortage	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0106	Arrival Flight Delay per flight	
REQ-06.05.04-INTEROP-PERF.0107	Arrival Flight Delay average	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0108	Arrival Flight Punctuality	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0109	Departure Capacity Shortage	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0110	Departure Flight Delay per flight	
REQ-06.05.04-INTEROP-PERF.0111	Departure Flight Delay average	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0112	Departure Flight Punctuality	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0113	Ground Movement Capacity Shortage (Taxi-in)	
REQ-06.05.04-INTEROP-PERF.0114	Ground Movement Delay per flight (Taxi-In)	
REQ-06.05.04-INTEROP-PERF.0115	Ground Movement Delay average (Taxi-In)	REQ-12.07.03-TS-MONI.1828

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REQ-06.05.04-INTEROP-PERF.0116	Ground Movement Delay per flight (Taxi-Out)	
REQ-06.05.04-INTEROP-PERF.0117	Ground Movement Capacity Shortage (Taxi-out)	
REQ-06.05.04-INTEROP-PERF.0118	Ground Movement Delay average (Taxi-Out)	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0119	Knock-on Effect: A/C changes	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0120	Knock-on Effect: Flight Cancellations	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0121	Landing Capacity Shortage	
REQ-06.05.04-INTEROP-PERF.0122	Landing Delay per flight	
REQ-06.05.04-INTEROP-PERF.0123	Landing Delay average	
REQ-06.05.04-INTEROP-PERF.0124	Landing Punctuality	
REQ-06.05.04-INTEROP-PERF.0125	Take-Off Capacity Shortage	
REQ-06.05.04-INTEROP-PERF.0126	Take-Off Delay per flight	
REQ-06.05.04-INTEROP-PERF.0127	Take-Off Delay average	
REQ-06.05.04-INTEROP-PERF.0128	Take-Off Punctuality	
REQ-06.05.04-INTEROP-PERF.0129	TMA Capacity Shortage	
REQ-06.05.04-INTEROP-PERF.0130	Apron Turnaround Delay	
REQ-06.05.04-INTEROP-PERF.0131	Apron Turnaround Delay average	
REQ-06.05.04-INTEROP-PERF.0201	Apron Efficiency	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0202	Runway Efficiency	

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REQ-06.05.04-INTEROP-PERF.0203	Turnaround Predictability	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0204	Arrival Predictability	
REQ-06.05.04-INTEROP-PERF.0205	Departure Predictability	
REQ-06.05.04-INTEROP-PERF.0206	CTOT Compliance	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0207	Arrival Separation	
REQ-06.05.04-INTEROP-PERF.0208	Departure Separation	
REQ-06.05.04-INTEROP-PERF.0209	SID Loading	
REQ-06.05.04-INTEROP-PERF.0210	STAR loading	
REQ-06.05.04-INTEROP-PERF.0501	Border Control Waiting Time	
REQ-06.05.04-INTEROP-PERF.0502	Border Control Capacity Imbalance	
REQ-06.05.04-INTEROP-PERF.0503	Security Control Waiting Time	
REQ-06.05.04-INTEROP-PERF.0504	Security Control Capacity Imbalance	REQ-12.07.03-TS-MONI.1828
REQ-06.05.04-INTEROP-PERF.0505	Passenger Border Control Flow	
REQ-06.05.04-INTEROP-PERF.0506	Passenger Security Control Flow	
REQ-06.05.04-INTEROP-PERF.0507	Walking time to connecting flight	
REQ-06.05.04-INTEROP-ALRT.0001	Alert / warning - aircraft stand shortage	
REQ-06.05.04-INTEROP-ALRT.0002	Alert / warning - Arrival capacity shortage	REQ-12.07.03-TS-MONI.3713
REQ-06.05.04-INTEROP-ALRT.0003	Alert / warning - Departure capacity shortage	REQ-12.07.03-TS-MONI.3713

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REQ-06.05.04-INTEROP-ALRT.0004	Alert / warning - Landing (runway) capacity shortage	REQ-12.07.03-TS-MONI.3713
REQ-06.05.04-INTEROP-ALRT.0005	Alert / warning - Take-Off (runway) capacity shortage	
REQ-06.05.04-INTEROP-ALRT.0006	Alert / warning - Ground Movement (Taxi-in) Capacity shortage	
REQ-06.05.04-INTEROP-ALRT.0007	Alert / warning - Ground Movement (Taxi-out) capacity shortage	
REQ-06.05.04-INTEROP-ALRT.0008	Alert / warning - TMA capacity shortage	
REQ-06.05.04-INTEROP-ALRT.0009	Alert / warning -Arrival Flight Delay	
REQ-06.05.04-INTEROP-ALRT.0010	Alert / warning - Average Arrival Flight Delay	REQ-12.07.03-TS-MONI.3713
REQ-06.05.04-INTEROP-ALRT.0011	Alert / warning - Arrival Flight punctuality	REQ-12.07.03-TS-MONI.3713
REQ-06.05.04-INTEROP-ALRT.0012	Alert / warning -Departure Flight Delay	
REQ-06.05.04-INTEROP-ALRT.0013	Alert / warning - Average Departure Flight Delay	REQ-12.07.03-TS-MONI.3713
REQ-06.05.04-INTEROP-ALRT.0014	Alert / warning - Departure Flight punctuality	REQ-12.07.03-TS-MONI.3713
REQ-06.05.04-INTEROP-ALRT.0015	Alert / warning -Landing Delay	
REQ-06.05.04-INTEROP-ALRT.0016	Alert / warning - Average Landing Delay	
REQ-06.05.04-INTEROP-ALRT.0017	Alert / warning - Landing punctuality	
REQ-06.05.04-INTEROP-ALRT.0018	Alert / warning -Take-Off Delay	
REQ-06.05.04-INTEROP-ALRT.0019	Alert / warning - Average Take-Off Delay	
REQ-06.05.04-INTEROP-ALRT.0020	Alert / warning - Take-Off punctuality	
REQ-06.05.04-INTEROP-ALRT.0021	Alert / warning - Average ground movement delay (taxi-in)	

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REQ-06.05.04-INTEROP-ALRT.0022	Alert / warning - Average ground movement delay (taxi-out)	
REQ-06.05.04-INTEROP-ALRT.0023	Alert / Warning - Apron Turnaround Delay	
REQ-06.05.04-INTEROP-ALRT.0024	Alert / Warning - Average Apron Turnaround Delay	REQ-12.07.03-TS-MONI.3713
REQ-06.05.04-INTEROP-ALRT.0101	Alert / warning - Stand conflict	
REQ-06.05.04-INTEROP-ALRT.0102	Alert / warning - Airborne Status	
REQ-06.05.04-INTEROP-ALRT.0103	Alert / warning - Take Off	
REQ-06.05.04-INTEROP-ALRT.0104	Alert / warning - Passenger Boarding	
REQ-06.05.04-INTEROP-ALRT.0105	Alert / warning - Target Off-Block Time	
REQ-06.05.04-INTEROP-ALRT.0106	Alert / warning - ASBT TOBT	
REQ-06.05.04-INTEROP-ALRT.0107	Alert / warning - TSAT TOBT	
REQ-06.05.04-INTEROP-ALRT.0108	Alert / warning - ASRT TSAT	
REQ-06.05.04-INTEROP-ALRT.0109	Alert / warning - ASAT TSAT	
REQ-06.05.04-INTEROP-ALRT.0110	Warning - TOBT	
REQ-06.05.04-INTEROP-ALRT.0111	Alert - TOBT	
REQ-06.05.04-INTEROP-ALRT.0112	Alert / warning - TOBT EOBT	
REQ-06.05.04-INTEROP-ALRT.0113	Alert / warning - Air Holding	
REQ-06.05.04-INTEROP-ALRT.0114	Alert / warning - landing ROT	
REQ-06.05.04-INTEROP-ALRT.0115	Alert / warning - take-off ROT	

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REQ-06.05.04-INTEROP-ALRT.0117	Alert - Industrial action	
REQ-06.05.04-INTEROP-ALRT.0118	Alert - Failure technical systems	
REQ-06.05.04-INTEROP-ALRT.0119	Alert / warning - AOBT TSAT	
REQ-06.05.04-INTEROP-ALRT.0120	Alert - Runway Capacity Change	REQ-12.07.03-TS-MONI.3713
REQ-06.05.04-INTEROP-ALRT.0121	Alert - Taxiway Capacity Change	
REQ-06.05.04-INTEROP-ALRT.0122	Alert - TMA capacity Change	
REQ-06.05.04-INTEROP-ALRT.0123	Alert - Apron (Aircraft Stands) Capacity Change	
REQ-06.05.04-INTEROP-ALRT.0124	Alert / Warning -Meteorological conditions	
REQ-06.05.04-INTEROP-ALRT.0125	Alert / Warning -Meteorological conditions	
REQ-06.05.04-INTEROP-ALRT.0126	Alert / Warning -Meteorological conditions,	
REQ-06.05.04-INTEROP-ALRT.0501	Alert / Warning - Border Control Waiting Time	
REQ-06.05.04-INTEROP-ALRT.0502	Alert / Warning - Border Control Capacity Shortage	
REQ-06.05.04-INTEROP-ALRT.0503	Alert / Warning - Security Control Waiting Time	
REQ-06.05.04-INTEROP-ALRT.0504	Alert / Warning - Security Control Capacity Shortage	REQ-12.07.03-TS-MONI.3713
REQ-06.05.04-INTEROP-ALRT.0505	Alert / Warning - Passenger Border Control Flow	
REQ-06.05.04-INTEROP-ALRT.0506	Alert / Warning - Passenger Security Control Flow	
REQ-06.05.04-INTEROP-ALRT.0507	Alert / Warning - Walking time to connecting flight	
REQ-06.05.04-INTEROP-AOIP.1000	Overall Impact Message	REQ-12.07.03-TS-MANA.0164

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REQ-06.05.04-INTEROP-AOIP.1100	Message Identifier	REQ-12.07.03-TS-MANA.0034
REQ-06.05.04-INTEROP-AOIP.1201	Alert Identifier	REQ-12.07.03-TS-MANA.0121
REQ-06.05.04-INTEROP-AOIP.1202	Alert / Warning code	REQ-12.07.03-TS-MANA.0049
REQ-06.05.04-INTEROP-AOIP.1203	Alert / Warning description	REQ-12.07.03-TS-MANA.0054
REQ-06.05.04-INTEROP-AOIP.1204	Probability of occurrence	REQ-12.07.03-TS-MANA.0059
REQ-06.05.04-INTEROP-AOIP.1205	Duration	REQ-12.07.03-TS-MANA.0064
REQ-06.05.04-INTEROP-AOIP.1206	Location	REQ-12.07.03-TS-MANA.0069
REQ-06.05.04-INTEROP-AOIP.1207	Assigned Stakeholder	REQ-12.07.03-TS-MANA.0074
REQ-06.05.04-INTEROP-AOIP.1208	Other stakeholders affected	REQ-12.07.03-TS-MANA.0079
REQ-06.05.04-INTEROP-AOIP.1209	Experience(s) from the past	REQ-12.07.03-TS-MANA.0084
REQ-06.05.04-INTEROP-AOIP.1300	Overall Impact for KPI [n]	REQ-12.07.03-TS-MANA.0089
REQ-06.05.04-INTEROP-AOIP.1400	Severity Level	REQ-12.07.03-TS-MANA.0096
REQ-06.05.04-INTEROP-MDEC.1000	Confirmation request	
REQ-06.05.04-INTEROP-MDEC.1100	Confirmation request - Stakeholder Identification	
REQ-06.05.04-INTEROP-MDEC.1200	Confirmation request - Overall Impact Message Identifier	
REQ-06.05.04-INTEROP-MDEC.1300	Confirmation request - Confirmation status	
REQ-06.05.04-INTEROP-MDEC.2000	Confirmation message	
REQ-06.05.04-INTEROP-MDEC.2100	Confirmation message - Stakeholder Identifier	

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REQ-06.05.04-INTEROP-MDEC.2200	Confirmation message - Overall Impact Message Identifier	
REQ-06.05.04-INTEROP-MDEC.2300	Confirmation message - Confirmation status	
REQ-06.05.04-INTEROP-MDEC.3000	Candidate solution [X]	REQ-12.07.03-TS-MANA.0198
REQ-06.05.04-INTEROP-MDEC.4000	Impact on candidate solution [X]	REQ-12.07.03-TS-MANA.0198
REQ-06.05.04-INTEROP-MDEC.5000	Solution Message	REQ-12.07.03-TS-MANA.0293
REQ-06.05.04-INTEROP-MDEC.5001	Solution message identifier	REQ-12.07.03-TS-MANA.0172
REQ-06.05.04-INTEROP-MDEC.5002	Alert/Warning Identifier	REQ-12.07.03-TS-MANA.0183
REQ-06.05.04-INTEROP-MDEC.5003	Overall Impact Message Identifier	REQ-12.07.03-TS-MANA.0188
REQ-06.05.04-INTEROP-MDEC.5006	Additional Goals And Criteria	REQ-12.07.03-TS-MANA.0193
REQ-06.05.04-INTEROP-MDEC.5005	Candidate Solution(s)	REQ-12.07.03-TS-MANA.0198
REQ-06.05.04-INTEROP-MDEC.5004	Selected Solution	REQ-12.07.03-TS-MANA.0203
REQ-06.05.04-INTEROP-ADCO.1001	Predefined Solution Table	REQ-12.07.03-TS-MANA.0298
REQ-06.05.04-INTEROP-ADCO.1002	Stakeholder name	REQ-12.07.03-TS-MANA.0313
REQ-06.05.04-INTEROP-ADCO.1003	Cancel flight	REQ-12.07.03-TS-MANA.0314
REQ-06.05.04-INTEROP-ADCO.1004	Delay flight	REQ-12.07.03-TS-MANA.0315
REQ-06.05.04-INTEROP-ADCO.1005	Change TOBT	REQ-12.07.03-TS-MANA.0316
REQ-06.05.04-INTEROP-ADCO.1006	Change TSAT	REQ-12.07.03-TS-MANA.0317
REQ-06.05.04-INTEROP-ADCO.1007	Change TTOT	REQ-12.07.03-TS-MANA.0318

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REQ-06.05.04-INTEROP-ADCO.1008	Change TTA	REQ-12.07.03-TS-MANA.0319
REQ-06.05.04-INTEROP-ADCO.1009	Repositioning	REQ-12.07.03-TS-MANA.0320
REQ-06.05.04-INTEROP-ADCO.1010	Other	REQ-12.07.03-TS-MANA.0321
REQ-06.05.04-INTEROP-ADCO.1011	Comments	REQ-12.07.03-TS-MANA.0322
REQ-06.05.04-INTEROP-ADCO.1012	Alert/Warning code	REQ-12.07.03-TS-MANA.0323
REQ-06.05.04-INTEROP-ADCO.1013	Problem description	REQ-12.07.03-TS-MANA.0324
REQ-06.05.04-INTEROP-ADCO.1014	Candidate solution [X]	REQ-12.07.03-TS-MANA.0325
REQ-06.05.04-INTEROP-POPS.0002	Addressees of a draft post operations analysis report for review	
REQ-06.05.04-INTEROP-POPS.0003	Expert to be contacted by the Post Operations Analyst to get support when defining a post operations analysis report	
REQ-06.05.04-INTEROP-POPS.0004	Periodicity of a post operations analysis report	
REQ-06.05.04-INTEROP-POPS.0005	Draft post operations analysis report for review	
REQ-06.05.04-INTEROP-POPS.0006	Commented post operations analysis report	
REQ-06.05.04-INTEROP-POPS.0007	Final post operations analysis report	
REQ-06.05.04-INTEROP-FLID.0001	FL ID	
REQ-06.05.04-INTEROP-FLID.0002	Code Share ID	
REQ-06.05.04-INTEROP-FLID.0005	ARCID	
REQ-06.05.04-INTEROP-FLID.0006	DOF	
REQ-06.05.04-INTEROP-FLID.0007	ARRDEP	
REQ-06.05.04-INTEROP-FLID.0009	GUF1	
REQ-06.05.04-INTEROP-FLID.0010	IFPLID	
REQ-06.05.04-INTEROP-FLID.0101	AC OP	
REQ-06.05.04-INTEROP-FLID.0108	FL type	

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REQ-06.05.04-INTEROP-FLID.0109	FL ST	
REQ-06.05.04-INTEROP-FLID.0110	Prioritization Tag	
REQ-06.05.04-INTEROP-FLID.0111	REG	
REQ-06.05.04-INTEROP-FLID.0112	ARCCOD	
REQ-06.05.04-INTEROP-FLID.0113	ATYP	
REQ-06.05.04-INTEROP-FLID.0114	WTC	
REQ-06.05.04-INTEROP-FLID.0205	TERM ID	
REQ-06.05.04-INTEROP-FLID.0003	FL ID next	
REQ-06.05.04-INTEROP-FLID.0102	AAST	
REQ-06.05.04-INTEROP-FLID.0104	SIBT	
REQ-06.05.04-INTEROP-FLID.0106	SLDT	
REQ-06.05.04-INTEROP-FLID.0201	ADEP	
REQ-06.05.04-INTEROP-FLID.0203	DEP	
REQ-06.05.04-INTEROP-FLID.0004	FL ID previous	
REQ-06.05.04-INTEROP-FLID.0103	ADST	
REQ-06.05.04-INTEROP-FLID.0105	SOBT	
REQ-06.05.04-INTEROP-FLID.0107	STOT	
REQ-06.05.04-INTEROP-FLID.0202	ADES	
REQ-06.05.04-INTEROP-FLID.0204	DEST	
REQ-06.05.04-INTEROP-FLTP.0001	Flight Status - SCH (inbound)	
REQ-06.05.04-INTEROP-FLTP.0002	Flight Status - INI (inbound)	
REQ-06.05.04-INTEROP-FLTP.0003	Flight Status - AIR	
REQ-06.05.04-INTEROP-FLTP.0004	Flight Status - FIR	
REQ-06.05.04-INTEROP-FLTP.0005	Flight Status - TMA	
REQ-06.05.04-INTEROP-FLTP.0006	Flight Status - FNL	
REQ-06.05.04-INTEROP-FLTP.0007	Flight Status - TXI	
REQ-06.05.04-INTEROP-FLTP.0008	Flight Status - IBK	
REQ-06.05.04-INTEROP-FLTP.0009	Flight Status - DBR	
REQ-06.05.04-INTEROP-FLTP.0010	Flight Status - DBC	
REQ-06.05.04-INTEROP-FLTP.0021	Flight Status - CNX (inbound)	
REQ-06.05.04-INTEROP-FLTP.0022	Flight Status - IDH	
REQ-06.05.04-INTEROP-FLTP.0023	Flight Status - DIV	
REQ-06.05.04-INTEROP-FLTP.0024	Flight Status - GOA	
REQ-06.05.04-INTEROP-FLTP.0101	TTA (inbound)	
REQ-06.05.04-INTEROP-FLTP.0103	CTA	

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REQ-06.05.04-INTEROP-FLTP.0104	TIAT	
REQ-06.05.04-INTEROP-FLTP.0105	EIAT	
REQ-06.05.04-INTEROP-FLTP.0106	AIAT	
REQ-06.05.04-INTEROP-FLTP.0107	ASET	
REQ-06.05.04-INTEROP-FLTP.0108	ASXT	
REQ-06.05.04-INTEROP-FLTP.0109	AFAT	
REQ-06.05.04-INTEROP-FLTP.0201	ELDT	
REQ-06.05.04-INTEROP-FLTP.0202	TLDT	
REQ-06.05.04-INTEROP-FLTP.0203	ALDT	
REQ-06.05.04-INTEROP-FLTP.0204	ROT - arrival	
REQ-06.05.04-INTEROP-FLTP.0206	EIBT	
REQ-06.05.04-INTEROP-FLTP.0205	TIBT	
REQ-06.05.04-INTEROP-FLTP.0207	AIBT	
REQ-06.05.04-INTEROP-FLTP.0208	ACGT (inbound)	
REQ-06.05.04-INTEROP-FLTP.0209	AEGT (inbound)	
REQ-06.05.04-INTEROP-FLTP.0225	VTT (inbound)	
REQ-06.05.04-INTEROP-FLTP.0226	EXIT	
REQ-06.05.04-INTEROP-FLTP.0227	AXIT	
REQ-06.05.04-INTEROP-FLTP.0501	RWYARR Request	
REQ-06.05.04-INTEROP-FLTP.0502	RWYARR	
REQ-06.05.04-INTEROP-FLTP.0505	STAR	
REQ-06.05.04-INTEROP-FLTP.0507	RWY_Exit	
REQ-06.05.04-INTEROP-FLTP.0509	GATEARR	
REQ-06.05.04-INTEROP-FLTP.0510	PKARR	
REQ-06.05.04-INTEROP-FLTP.0513	Taxi Route inbound	
REQ-06.05.04-INTEROP-FLID.0206	MCT	
REQ-06.05.04-INTEROP-FLTP.0623	ADIV	
REQ-06.05.04-INTEROP-FLTP.0624	DIV	
REQ-06.05.04-INTEROP-FLTP.0026	Flight Status - SCH (outbound)	
REQ-06.05.04-INTEROP-FLTP.0028	Flight Status - CNX (outbound)	
REQ-06.05.04-INTEROP-FLTP.0027	Flight Status - INI (outbound)	
REQ-06.05.04-INTEROP-FLTP.0016	Flight Status - RPO	
REQ-06.05.04-INTEROP-FLTP.0011	Flight Status - BRD	
REQ-06.05.04-INTEROP-FLTP.0012	Flight Status - BRC (or GCL)	
REQ-06.05.04-INTEROP-FLTP.0013	Flight Status - RDY	

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REQ-06.05.04-INTEROP-FLTP.0015	Flight Status - SBY	
REQ-06.05.04-INTEROP-FLTP.0017	Flight Status - RDI	
REQ-06.05.04-INTEROP-FLTP.0018	Flight Status - TXO-D	
REQ-06.05.04-INTEROP-FLTP.0019	Flight Status - DEI	
REQ-06.05.04-INTEROP-FLTP.0014	Flight Status - TXO	
REQ-06.05.04-INTEROP-FLTP.0020	(or OBK or TAX)	
REQ-06.05.04-INTEROP-FLTP.0025	Flight Status - RTN (or RET)	
REQ-06.05.04-INTEROP-FLTP.0102	TTA (outstation)	
REQ-06.05.04-INTEROP-FLTP.0258	ACGT (outbound)	
REQ-06.05.04-INTEROP-FLTP.0259	AEGT (outbound)	
REQ-06.05.04-INTEROP-FLTP.0210	ASBT	
REQ-06.05.04-INTEROP-FLTP.0230	ARBT	
REQ-06.05.04-INTEROP-FLTP.0211	TOBT	
REQ-06.05.04-INTEROP-FLTP.0212	EOBT	
REQ-06.05.04-INTEROP-FLTP.0213	AOBT	
REQ-06.05.04-INTEROP-FLTP.0231	ERDT	
REQ-06.05.04-INTEROP-FLTP.0214	ARDT	
REQ-06.05.04-INTEROP-FLTP.0215	ASRT	
REQ-06.05.04-INTEROP-FLTP.0216	TSAT	
REQ-06.05.04-INTEROP-FLTP.0217	ASAT	
REQ-06.05.04-INTEROP-FLTP.0218	APST	
REQ-06.05.04-INTEROP-FLTP.0219	APET	
REQ-06.05.04-INTEROP-FLTP.0220	CTOT	
REQ-06.05.04-INTEROP-FLTP.0221	TTOT	
REQ-06.05.04-INTEROP-FLTP.0222	ETOT	
REQ-06.05.04-INTEROP-FLTP.0223	ATOT	
REQ-06.05.04-INTEROP-FLTP.0224	ROT - departure	
REQ-06.05.04-INTEROP-FLTP.0275	VTT (outbound)	
REQ-06.05.04-INTEROP-FLTP.0228	EXOT	
REQ-06.05.04-INTEROP-FLTP.0232	EXOT - D	
REQ-06.05.04-INTEROP-FLTP.0229	AXOT	
REQ-06.05.04-INTEROP-FLTP.0233	AXOT - D	
REQ-06.05.04-INTEROP-FLTP.0301	ERZT	
REQ-06.05.04-INTEROP-FLTP.0302	ARZT	
REQ-06.05.04-INTEROP-FLTP.0303	ECZT	

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REQ-06.05.04-INTEROP-FLTP.0304	ACZT	
REQ-06.05.04-INTEROP-FLTP.0305	EEZT	
REQ-06.05.04-INTEROP-FLTP.0306	AEZT	
REQ-06.05.04-INTEROP-FLTP.0307	EDIT	
REQ-06.05.04-INTEROP-FLTP.0308	ADIT	
REQ-06.05.04-INTEROP-FLTP.0309	Name of de-icing position allocated	
REQ-06.05.04-INTEROP-FLTP.0310	Default De-icing Hold Over time	
REQ-06.05.04-INTEROP-FLTP.0311	De-Icing Variable Hold Over Time	
REQ-06.05.04-INTEROP-FLTP.0312	De-Icing method required	
REQ-06.05.04-INTEROP-FLTP.0313	Status - Aircraft Anti-iced	
REQ-06.05.04-INTEROP-FLTP.0314	DIWT	
REQ-06.05.04-INTEROP-FLTP.0315	Expected De-icing	
REQ-06.05.04-INTEROP-FLTP.0316	APZT	
REQ-06.05.04-INTEROP-FLTP.0503	RWYDEP Request	
REQ-06.05.04-INTEROP-FLTP.0504	RWYDEP	
REQ-06.05.04-INTEROP-FLTP.0506	SID	
REQ-06.05.04-INTEROP-FLTP.0508	RWY_Entry	
REQ-06.05.04-INTEROP-FLTP.0511	GATEDEP	
REQ-06.05.04-INTEROP-FLTP.0512	PKDEP	
REQ-06.05.04-INTEROP-FLTP.0514	taxi route outbound	
REQ-06.05.04-INTEROP-FLID.0008	ATV ID	
REQ-06.05.04-INTEROP-FLTP.0401	MTTT	
REQ-06.05.04-INTEROP-FLTP.0402	STTT	
REQ-06.05.04-INTEROP-FLTP.0403	ETTT	
REQ-06.05.04-INTEROP-FLTP.0404	ATTT	
REQ-06.05.04-INTEROP-FLTP.0601	FPL message	
REQ-06.05.04-INTEROP-FLTP.0604	FLS message	
REQ-06.05.04-INTEROP-FLTP.0605	REJ message	
REQ-06.05.04-INTEROP-FLTP.0606	RFP message	
REQ-06.05.04-INTEROP-FLTP.0607	RPL message	
REQ-06.05.04-INTEROP-FLTP.0608	SAM message	
REQ-06.05.04-INTEROP-FLTP.0609	SLC message	
REQ-06.05.04-INTEROP-FLTP.0610	SRM message	
REQ-06.05.04-INTEROP-FLTP.0611	FSA message	
REQ-06.05.04-INTEROP-FLTP.0612	E-DPI message	

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REQ-06.05.04-INTEROP-FLTP.0613	FUM message	
REQ-06.05.04-INTEROP-FLTP.0614	T-DPI-T message	
REQ-06.05.04-INTEROP-FLTP.0615	T-DPI-S message	
REQ-06.05.04-INTEROP-FLTP.0616	C-DPI message	
REQ-06.05.04-INTEROP-FLTP.0617	A-DPI message	
REQ-06.05.04-INTEROP-FLTP.0618	DLA message	
REQ-06.05.04-INTEROP-FLTP.0619	Aircraft Delay reason	
REQ-06.05.04-INTEROP-FLTP.0620	Go-round message	
REQ-06.05.04-INTEROP-FLTP.0621	Aborted Take-off message	
REQ-06.05.04-INTEROP-FLTP.0622	DIV message	
REQ-06.05.04-INTEROP-LOAD.0101	ARR BAGS	
REQ-06.05.04-INTEROP-LOAD.0102	DEP BAGS	
REQ-06.05.04-INTEROP-LOAD.0103	TRF BAGS	
REQ-06.05.04-INTEROP-LOAD.0104	ARR CARGO	
REQ-06.05.04-INTEROP-LOAD.0105	DEP CARGO	
REQ-06.05.04-INTEROP-LOAD.0106	TRF CARGO	
REQ-06.05.04-INTEROP-LOAD.0107	ARR PAX	
REQ-06.05.04-INTEROP-LOAD.0108	DEP PAX	
REQ-06.05.04-INTEROP-LOAD.0109	TRF PAX	
REQ-06.05.04-INTEROP-LOAD.0110	BELT ID	
REQ-06.05.04-INTEROP-LOAD.0111	TOW	
REQ-06.05.04-INTEROP-CAPC.0101	Airport ID (IATA)	
REQ-06.05.04-INTEROP-CAPC.0102	Airport ID (ICAO)	

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REQ-06.05.04-INTEROP-CAPC.0103	Airport Status Code	
REQ-06.05.04-INTEROP-CAPC.0104	Airport Status Description	
REQ-06.05.04-INTEROP-CAPC.0105	Runway State	
REQ-06.05.04-INTEROP-CAPC.0106	Stand State	
REQ-06.05.04-INTEROP-CAPC.0107	Taxiway State	
REQ-06.05.04-INTEROP-CAPC.0108	De-Icing Position State	
REQ-06.05.04-INTEROP-CAPC.0109	Declared Total Runway Capacity	
REQ-06.05.04-INTEROP-CAPC.0110	Declared Arrival Runway Capacity	
REQ-06.05.04-INTEROP-CAPC.0111	Declared Departure Runway Capacity	
REQ-06.05.04-INTEROP-CAPC.0114	Declared Total TMA capacity	
REQ-06.05.04-INTEROP-CAPC.0115	Declared inbound TMA capacity	
REQ-06.05.04-INTEROP-CAPC.0116	Declared Outbound TMA capacity	
REQ-06.05.04-INTEROP-CAPC.0117	Declared Total Ground Movement Capacity	
REQ-06.05.04-INTEROP-CAPC.0118	Declared Taxi-in Ground Movement Capacity	
REQ-06.05.04-INTEROP-CAPC.0119	Declared Taxi-out Ground Movement Capacity	
REQ-06.05.04-INTEROP-CAPC.0120	Declared Aircraft Stands Capacity	
REQ-06.05.04-INTEROP-CAPC.0121	Declared On Stand De-Icing Capacity	
REQ-06.05.04-INTEROP-CAPC.0122	Declared Remote De-Icing Capacity	

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REQ-06.05.04-INTEROP-CAPC.0123	Total declared airport capacity	
REQ-06.05.04-INTEROP-CAPC.0124	Declared Airport Arrival Capacity	
REQ-06.05.04-INTEROP-CAPC.0125	Declared Airport Departure Capacity	
REQ-06.05.04-INTEROP-CAPC.0201	TMA Configuration Plan	
REQ-06.05.04-INTEROP-CAPC.0202	TMA Configuration Plan	
REQ-06.05.04-INTEROP-CAPC.0203	Default Total TMA Capacity	
REQ-06.05.04-INTEROP-CAPC.0204	Default Inbound TMA Capacity	
REQ-06.05.04-INTEROP-CAPC.0205	Default Outbound TMA Capacity	
REQ-06.05.04-INTEROP-CAPC.0206	Actual Total TMA Capacity	
REQ-06.05.04-INTEROP-CAPC.0207	Actual Inbound TMA Capacity	
REQ-06.05.04-INTEROP-CAPC.0208	Actual Outbound TMA Capacity	
REQ-06.05.04-INTEROP-CAPC.0300	Runway Configuration Plan	
REQ-06.05.04-INTEROP-CAPC.0301	Allocated Runway Use distribution plan - Ultimate capacity	
REQ-06.05.04-INTEROP-CAPC.0302	Allocated Runway Use distribution plan - practical capacity	
REQ-06.05.04-INTEROP-CAPC.0306	Allocated Runway Use distribution plan - probability	
REQ-06.05.04-INTEROP-CAPC.0303	Manual input Runway Use distribution plan Indicator	
REQ-06.05.04-INTEROP-CAPC.0304	Advised Runway Use distribution plan(s) - Ultimate capacity	
REQ-06.05.04-INTEROP-CAPC.0305	Advised Runway Use distribution plan(s) - probability	

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REQ-06.05.04-INTEROP-CAPC.0400	Default Total Ground Movement Capacity	
REQ-06.05.04-INTEROP-CAPC.0401	Default Taxi-in Ground Movement Capacity	
REQ-06.05.04-INTEROP-CAPC.0402	Default Taxi-out Ground Movement Capacity	
REQ-06.05.04-INTEROP-CAPC.0403	Actual Total Ground movement Capacity	
REQ-06.05.04-INTEROP-CAPC.0404	Actual Taxi-in Ground Movement Capacity	
REQ-06.05.04-INTEROP-CAPC.0405	Actual Taxi-out Ground Movement Capacity	
REQ-06.05.04-INTEROP-CAPC.0406	Taxi-out Ground Movement Capacity - probability	
REQ-06.05.04-INTEROP-CAPC.0500	Stand Allocation Plan	
REQ-06.05.04-INTEROP-CAPC.0501	Actual Stand availability Plan	
REQ-06.05.04-INTEROP-CAPC.0600	De-icing stand Allocation Plan	
REQ-06.05.04-INTEROP-CAPC.0701	Reason for Reduced TMA Capacity - code	
REQ-06.05.04-INTEROP-CAPC.0702	Reason for Reduced TMA Capacity - description	
REQ-06.05.04-INTEROP-CAPC.0703	Reason for Reduced Ground Movement Capacity - code	
REQ-06.05.04-INTEROP-CAPC.0704	Reason for Reduced Ground Movement Capacity - description	
REQ-06.05.04-INTEROP-CAPC.0705	Reason for Reduced Apron (Aircraft stand) Capacity - code	
REQ-06.05.04-INTEROP-CAPC.0706	Reason for Reduced Apron (Aircraft Stand) Capacity - description	
REQ-06.05.04-INTEROP-CAPC.0707	Reason for Reduced Runway Capacity - code	
REQ-06.05.04-INTEROP-CAPC.0708	Reason for Reduced Runway Capacity - description	

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REQ-06.05.04-INTEROP-MET1.0002	METAR	
REQ-06.05.04-INTEROP-MET1.0003	MET REPORT	
REQ-06.05.04-INTEROP-MET1.0004	TAF	
REQ-06.05.04-INTEROP-MET1.0005	TREND	
REQ-06.05.04-INTEROP-MET1.0006	Airport Warning MET	
REQ-06.05.04-INTEROP-MET1.0007	SNOWTAM	
REQ-06.05.04-INTEROP-MET1.0009	Adverse Weather Condition	
REQ-06.05.04-INTEROP-MET1.0008	Reduced set of MET data	
REQ-06.05.04-INTEROP-MET2.0001	Cloud Base	
REQ-06.05.04-INTEROP-MET2.0002	Ceiling or vertical visibility information	
REQ-06.05.04-INTEROP-MET2.0003	Cloud amount	
REQ-06.05.04-INTEROP-MET2.0004	Mean surface wind direction	
REQ-06.05.04-INTEROP-MET2.0005	Surface wind direction probability forecasts	
REQ-06.05.04-INTEROP-MET2.0006	Mean surface wind speed	
REQ-06.05.04-INTEROP-MET2.0007	Surface wind gusts	
REQ-06.05.04-INTEROP-MET2.0008	Cross wind speed for all runways	
REQ-06.05.04-INTEROP-MET2.0009	Head wind speed for all runways	
REQ-06.05.04-INTEROP-MET2.0011	Winds aloft: mean wind speed	

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REQ-06.05.04-INTEROP-MET2.0012	Winds aloft: mean wind direction	
REQ-06.05.04-INTEROP-MET2.0013	Probabilistic winds aloft forecast	
REQ-06.05.04-INTEROP-MET2.0014	Probabilistic winds aloft forecast	
REQ-06.05.04-INTEROP-MET2.0015	QFE	
REQ-06.05.04-INTEROP-MET2.0016	QNH	
REQ-06.05.04-INTEROP-MET2.0017	Visibility	
REQ-06.05.04-INTEROP-MET2.0018	RVR per Runway (segment)	
REQ-06.05.04-INTEROP-MET2.0019	Mean 2m Temperature	
REQ-06.05.04-INTEROP-MET2.0020	Dew Point Temperature	
REQ-06.05.04-INTEROP-MET2.0021	Surface Temperature	
REQ-06.05.04-INTEROP-MET2.0022	Relative Humidity	
REQ-06.05.04-INTEROP-MET2.0023	Precipitation observations	
REQ-06.05.04-INTEROP-MET2.0024	Occurrence of liquid precipitation, snowfall, freezing precipitation	
REQ-06.05.04-INTEROP-MET2.0025	Thunderstorm/CB cell activity/lightning data	
REQ-06.05.04-INTEROP-MET2.0026	Turbulence situation	
REQ-06.05.04-INTEROP-MET2.0027	Wind shear	
REQ-06.05.04-INTEROP-MET2.0028	Occurrence and magnitude of low level temperature inversions	
REQ-06.05.04-INTEROP-MET2.0029	Runway contaminants	

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REQ-06.05.04-INTEROP-MET2.0030	Present weather elements	
REQ-06.05.04-INTEROP-MET3.0001	Adverse weather	
REQ-06.05.04-INTEROP-MET3.0002	De-Icing	
REQ-06.05.04-INTEROP-MET3.0003	Electrical storm warnings	
REQ-06.05.04-INTEROP-MET3.0004	LVP conditions	

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Appendix F SPR Traceability

SPR Requirements Identifier	Title	TS Satisfied Requirements
REQ-06.06.02-SPR-APSO.0001	Access to Airport Performance Monitoring Platform	REQ-12.07.03-TS-PeST.3698
REQ-06.06.02-SPR-APSO.0002	Abilities of Airport Performance Monitoring Platform	REQ-12.07.03-TS-STEE.2033 REQ-12.07.03-TS-STEE.2038
REQ-06.06.02-SPR-APSO.0003	Handling of Airport Performance Monitoring Platform	REQ-12.07.03-TS-STEE.2043 REQ-12.07.03-TS-STEE.2044
REQ-06.06.02-SPR-APSO.0005	Handling of Airport Performance Monitoring Platform	REQ-12.07.03-TS-MONI.0413 REQ-12.07.03-TS-MONI.0418
REQ-06.06.02-SPR-APSO.0004	Access and handling the Post Operational Analysis platform	
REQ-06.06.02-SPR-APSO.0006	Abilities of Airport Performance Monitoring Platform	REQ-12.07.03-TS-STEE.2033 REQ-12.07.03-TS-STEE.2038
REQ-06.06.02-SPR-APSO.0007	Abilities of Airport Performance Monitoring Platform	REQ-12.07.03-TS-STEE.2043 REQ-12.07.03-TS-STEE.2044
REQ-06.06.02-SPR-APSO.0008	Access and handling the Post Operational Analysis platform	
REQ-06.05.03-SPR-DCBS.0010	DCB related AOP entry	
REQ-06.05.03-SPR-DCBS.0040	DCB item determination review by OSB	
REQ-06.05.03-SPR-DCBS.0060	DCB related APB entry to AOP	
REQ-06.05.03-SPR-DCBS.0061	DCB item determination review by APB	
REQ-06.05.05-SPR-MET1.0001	Steering the use of MET Parameter	
REQ-06.05.05-SPR-MET1.0002	Met Data provision	
REQ-06.05.05-SPR-MET1.0003	Informal Feedback	
REQ-06.05.05-SPR-MET1.0010	Steering the use of MET Parameter	
REQ-06.05.05-SPR-MET1.0011	Steering the use of MET Parameter	

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REQ-06.05.05-SPR-MET1.0012	Steering the use of MET Parameter	
REQ-06.05.05-SPR-MET1.0013	Steering the use of MET Parameter	
REQ-06.05.05-SPR-MET1.0014	Steering the use of MET Parameter	
REQ-06.05.05-SPR-MET1.0015	Steering the use of MET Parameter	
REQ-06.05.05-SPR-MET1.0016	Steering the use of MET Parameter	
REQ-06.05.05-SPR-MET1.0017	Steering the use of MET Parameter	
REQ-06.05.05-SPR-MET1.0018	Met Data provision	
REQ-06.05.05-SPR-MET1.0019	Met Data provision	
REQ-06.05.05-SPR-MET1.0020	Met Data provision	
REQ-06.05.05-SPR-MET1.0021	Met Data provision	
REQ-06.06.02-SPR-APMO.0010	Airport Performance Framework	REQ-12.07.03-TS-MONI.5137
REQ-06.06.02-SPR-APMO.0020	Airport Performance Framework	REQ-12.07.03-TS-MONI.5137
REQ-06.06.02-SPR-APMO.0030	Airport Performance Data	
REQ-06.06.02-SPR-APMO.0040	Rules Engine	REQ-12.07.03-TS-PeMO.3787
REQ-06.06.02-SPR-APMO.0050	KPI Calculation	REQ-12.07.03-TS-PeMO.3792
REQ-06.06.02-SPR-APMO.0060	KPI Calculation	REQ-12.07.03-TS-PeMO.3797
REQ-06.06.02-SPR-APMO.0070	KPI Calculation	REQ-12.07.03-TS-PeMO.3802
REQ-06.06.02-SPR-APMO.0080	Rules Engine	
REQ-06.06.02-SPR-APMO.0090	Rules engine	REQ-12.07.03-TS-PeMO.3807
REQ-06.06.02-SPR-APMO.0110	Airport Performance Framework	
REQ-06.06.02-SPR-APMO.0120	Performance Monitoring	REQ-12.07.03-TS-PeMO.7878
REQ-06.06.02-SPR-APMO.0171	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.1928
REQ-06.06.02-SPR-APMO.0180	Rules Engine	REQ-12.07.03-TS-MONI.1802
REQ-06.06.02-SPR-APMO.0190	Rules Engine	
REQ-06.06.02-SPR-APMO.0200	Warning and Alert Message distribution rules	REQ-12.07.03-TS-MONI.1900 REQ-12.07.03-TS-MONI.1901

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REQ-06.06.02-SPR-APMO.0210	Distribute Warning and Alert Message	REQ-12.07.03-TS-STEE.5159
REQ-06.06.02-SPR-APMO.0220	Distribute Warning and Alert Message	REQ-12.07.03-TS-PeMO.3779
REQ-06.06.02-SPR-APMO.0230	Common Situation Awareness	
REQ-06.06.02-SPR-APMO.0130	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.1828 REQ-12.07.03-TS-MONI.1833
REQ-06.06.02-SPR-APMO.0140	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.1838
REQ-06.06.02-SPR-APMO.0150	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.1843
REQ-06.06.02-SPR-APMO.0160	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.1848
REQ-06.06.02-SPR-APMO.0170	Performance Monitoring HMI	REQ-12.07.03-TS-MONI.1963 REQ-12.07.03-TS-MONI.3713
REQ-06.05.03-SPR-PERF.0010	DCB and AOP capacity responsible roles input to AOP and DCB criteria	
REQ-06.05.03-SPR-PERF.0020	RWY and TWY capacity change. Airport Duty officer report to DCB responsible(s)	
REQ-06.05.03-SPR-PERF.0030	AOP Weather data to DCB responsible(s)	
REQ-06.05.03-SPR-PERF.0040	AOP and DCB tool reaction time between human input and first display of new data.	
REQ-06.05.03-SPR-PERF.0050	AOP alerting. Time period accuracy	
REQ-06.05.03-SPR-PERF.0060	AOP alerting. Time period precision	
REQ-06.05.05-SPR-MET1.0004	Rules Engine with MET data	
REQ-06.05.05-SPR-MET1.0005	METSP overrides Rules Engine Alerts and warnings	
REQ-06.05.05-SPR-MET1.0022	METSP overrides Rules Engine Alerts and warnings	
REQ-06.05.04-SPR-AOIP.0001	Analyze Alert from Performance Airport Monitoring	REQ-12.07.03-TS-MANA.0015 REQ-12.07.03-TS-MANA.0021
REQ-06.05.04-SPR-AOIP.0002	Collect and analyze information for the impact message	REQ-12.07.03-TS-MANA.0105
REQ-06.05.04-SPR-AOIP.0003	Collect and analyze information for the impact message	REQ-12.07.03-TS-MANA.5147

REQ-06.05.04-SPR-AOIP.0004	Assess involvement of potential additional stakeholder	
REQ-06.05.04-SPR-AOIP.0005	Specify the problem using expertise	
REQ-06.05.04-SPR-AOIP.0006	Check experience from the past	REQ-12.07.03-TS-MANA.0158
REQ-06.05.04-SPR-AOIP.0007	Classify severity level	
REQ-06.05.04-SPR-AOIP.0008	Update and record Overall Impact Message	REQ-12.07.03-TS-MANA.0105
REQ-06.05.04-SPR-MDEC.0001	Instantiation of solution message	REQ-12.07.03-TS-MANA.0208
REQ-06.05.04-SPR-MDEC.0002	Check acknowledgement of the stakeholders	
REQ-06.05.04-SPR-MDEC.0003	Check predefined goals and criteria	REQ-12.07.03-TS-MANA.0228
REQ-06.05.04-SPR-MDEC.0004	Search for predefined solutions	REQ-12.07.03-TS-MANA.0273
	Search for predefined solutions	REQ-12.07.03-TS-MANA.0268
REQ-06.05.04-SPR-MDEC.0005	Assess impact of candidate solutions	REQ-12.07.03-TS-MANA.1948
REQ-06.05.04-SPR-MDEC.0006	Negotiate and select solutions	REQ-12.07.03-TS-MANA.0213
REQ-06.05.04-SPR-MDEC.0007	Negotiate and select solutions	
REQ-06.05.04-SPR-MDEC.0008	Update solution message and AOP	REQ-12.07.03-TS-MANA.0278
REQ-06.05.04-SPR-MDEC.0009	Check predefined goals and criteria	
REQ-06.05.04-SPR-MDEC.0010	Check predefined goals and criteria	REQ-12.07.03-TS-MANA.0228
REQ-06.05.04-SPR-MDEC.0011	Search for predefined solutions	REQ-12.07.03-TS-MANA.0283
REQ-06.05.04-SPR-ADOC.0001	Development solution table	
REQ-06.05.03-SPR-MNGE.0010	DCB recalculation	
REQ-06.05.03-SPR-MNGE.0020	Evaluation of DCB proposal	
REQ-06.05.03-SPR-MNGE.0030	Evaluation of effect of DCB proposal on external processes	
REQ-06.05.03-SPR-MNGE.0031	Evaluation of effect of DCB proposal on external processes	
REQ-06.05.03-SPR-MNGE.0040	DCB solution activation	
REQ-06.06.01-SPR-POPS.0001	Data check and recording for post operations analysis	

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REQ-06.06.01-SPR-POPS.0002	Recorded data accessibility for post operations analysis	REQ-12.07.03-TS-PePO.3812
REQ-06.06.01-SPR-POPS.0003	Automatic selection of post operations analysis report template	
REQ-06.06.01-SPR-POPS.0004	Manual inputs of an ad-hoc post operations analysis report	
REQ-06.06.01-SPR-POPS.0005	Analyze and assess the reliability of a report activity	
REQ-06.06.01-SPR-POPS.0006	Identify, retrieve, analyze and modify additional data and report activities	
REQ-06.06.01-SPR-POPS.0007	Publishing Post Operation Analysis Reports	
REQ-06.06.01-SPR-POPS.0008	Manual inputs of an ad-hoc post operations analysis report	
REQ-06.06.01-SPR-POPS.0009	Manual inputs of an ad-hoc post operations analysis report	
REQ-06.06.01-SPR-POPS.0010	Identify, retrieve, analyze and modify additional data and report activities	
REQ-06.06.01-SPR-POPS.0011	Identify, retrieve, analyze and modify additional data and report activities	
REQ-06.05.03-SPR-POPS.0010	Arrival / departure uncertainty	
REQ-06.05.05-SPR-MET1.0006	Steering the use of MET Data in Post ops	
REQ-06.05.05-SPR-MET1.0007	Steering the Content of MET Data in Post ops	
REQ-06.05.05-SPR-MET1.0023	Steering the Content of MET Data in Post ops	
REQ-06.05.05-SPR-MET1.0024	Steering the Content of MET Data in Post ops	
REQ-06.05.05-SPR-MET1.0025	Steering the Content of MET Data in Post ops	
REQ-06.05.05-SPR-MET1.0026	Steering the Content of MET Data in Post ops	
REQ-06.05.02-SPR-AOPG.0001	AOP Access Rights	
REQ-06.05.02-SPR-AOPG.0002	AOP Content integrity	
REQ-06.05.02-SPR-AOPG.0003	AOP Content integrity	
REQ-06.05.02-SPR-AOPG.0004	AOP Content integrity	

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REQ-06.05.02-SPR-FLID.0001	AOP Content integrity	
REQ-06.05.02-SPR-FLID.0002	AOP User Interface	
REQ-06.05.02-SPR-FLTP.0001	AOP Content integrity	
REQ-06.05.02-SPR-FLTP.0002	AOP Content Integrity	
REQ-06.05.02-SPR-FLTP.0003	AOP Content Integrity	
REQ-06.05.02-SPR-FLTP.0004	AOP Content Integrity	
REQ-06.05.02-SPR-FLTP.0005	AOP Content Integrity	
REQ-06.05.02-SPR-FLTP.0006	AOP Content Integrity	
REQ-06.05.02-SPR-FLTP.0007	AOP Content Integrity	
REQ-06.05.02-SPR-FLTP.0008	AOP Content Integrity	
REQ-06.05.02-SPR-FLTP.0009	AOP Content Integrity	
REQ-06.05.02-SPR-FLTP.0010	AOP Content Integrity	
REQ-06.05.02-SPR-FLTP.0011	AOP Content Integrity	
REQ-06.05.02-SPR-ALRT.0001	AOP Content Integrity	
REQ-06.05.02-SPR-ALRT.0003	AOP Content Integrity	
REQ-06.05.02-SPR-ALRT.0002	AOP Content Integrity	
REQ-06.05.02-SPR-ALRT.0004	AOP Content Integrity	
REQ-06.05.02-SPR-CAPC.0010	AOP receiving data automatically	
REQ-06.05.02-SPR-CAPC.0020	AOP receiving data manually	
REQ-06.05.03-SPR-DCBS.0011	DCB forecasting performance	
REQ-06.05.03-SPR-DCBS.0020	DCB forecasting performance	
REQ-06.05.03-SPR-DCBS.0030	DCB forecasting performance	
REQ-06.05.03-SPR-DCBS.0041	AOA counter update rate short term	
REQ-06.05.03-SPR-DCBS.0050	AOA counter update rate medium term	
REQ-06.05.03-SPR-DCBS.0160	Demand calculation update rate medium term	
REQ-06.05.03-SPR-DCBS.0070	Warning, alert and advisory messages	

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REQ-06.05.03-SPR-DCBO.0010	DCB values to AOP	
REQ-06.05.03-SPR-DCBO.0020	DCB values to AOP	
REQ-06.05.03-SPR-DCBO.0030	DCB values to AOP	
REQ-06.05.03-SPR-DCBO.0040	System reaction time to manual input.	
REQ-06.05.03-SPR-DCBO.0050	Transfer between AOP and DCB	
REQ-06.05.03-SPR-DCBH.0010	HMI update rate	
REQ-06.05.03-SPR-DCBH.0020	HMI reaction time	
REQ-06.05.05-SPR-MET1.0008	MET data quality	
REQ-06.05.05-SPR-MET1.0009	HMI data quality	
REQ-06.05.05-SPR-MET2.0026	MET data quality	
REQ-06.05.05-SPR-MET1.0027	HMI data quality	
REQ-06.06.02-SPR-0001.0001	DEICE-SAF-1	
REQ-06.06.02-SPR-0001.0003	DEICE-SAF-3	
REQ-06.06.02-SPR-0001.0004	DEICE-SAF-4	
REQ-06.06.02-SPR-0001.0006	DEICE-SAF-6	
REQ-06.06.02-SPR-0002.0022	DEICE-PERF-22	
REQ-06.06.02-SPR-0002.0001	DEICE-PERF-1	
REQ-06.06.02-SPR-0002.0002	DEICE-PERF-2	
REQ-06.06.02-SPR-0002.0005	DEICE-PERF-5	
REQ-06.06.02-SPR-0002.0007	DEICE-PERF-7	
REQ-06.06.02-SPR-0002.0008	DEICE-PERF-8	
REQ-06.06.02-SPR-0002.0009	DEICE-PERF-9	
REQ-06.06.02-SPR-0002.0011	DEICE-PERF-11	
REQ-06.06.02-SPR-0002.0012	DEICE-PERF-12	
REQ-06.06.02-SPR-0002.0013	DEICE-PERF-13	
REQ-06.06.02-SPR-0002.0015	DEICE-PERF-15	

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REQ-06.06.02-SPR-0002.0016	DEICE-PERF-16	
REQ-06.06.02-SPR-0002.0017	DEICE-PERF-17	
REQ-06.06.02-SPR-0002.0018	DEICE-PERF-18	
REQ-06.06.02-SPR-0002.0019	DEICE-PERF-19	
REQ-06.06.02-SPR-0104.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0104.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0108.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0108.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0108.0003	DIMT Execution Requirements	
REQ-06.06.02-SPR-0108.0004	DIMT Execution Requirements	
REQ-06.06.02-SPR-0108.0005	DIMT Execution Requirements	
REQ-06.06.02-SPR-0108.0006	DIMT Execution Requirements	
REQ-06.06.02-SPR-0108.0007	DIMT Execution Requirements	
REQ-06.06.02-SPR-0108.0008	DIMT Execution Requirements	
REQ-06.06.02-SPR-0108.0009	DIMT Execution Requirements	
REQ-06.06.02-SPR-0109.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0304.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0306.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0309.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0409.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0409.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0409.0003	DIMT Execution Requirements	
REQ-06.06.02-SPR-0409.0004	DIMT Execution Requirements	
REQ-06.06.02-SPR-0409.0005	DIMT Execution Requirements	
REQ-06.06.02-SPR-0409.0006	DIMT Execution Requirements	
REQ-06.06.02-SPR-0501.0001	DIMT Execution Requirements	

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REQ-06.06.02-SPR-0501.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0507.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0507.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0510.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0601.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0602.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0801.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0801.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0801.0003	DIMT Execution Requirements	
REQ-06.06.02-SPR-0801.0004	DIMT Execution Requirements	
REQ-06.06.02-SPR-0801.0005	DIMT Execution Requirements	
REQ-06.06.02-SPR-0801.0006	DIMT Execution Requirements	
REQ-06.06.02-SPR-0801.0007	DIMT Execution Requirements	
REQ-06.06.02-SPR-0801.0008	DIMT Execution Requirements	
REQ-06.06.02-SPR-0801.0009	DIMT Execution Requirements	
REQ-06.06.02-SPR-0802.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0802.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0802.0003	DIMT Execution Requirements	
REQ-06.06.02-SPR-0803.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0804.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0805.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0805.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0805.0003	DIMT Execution Requirements	
REQ-06.06.02-SPR-0806.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0806.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0806.0003	DIMT Execution Requirements	

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REQ-06.06.02-SPR-0806.0004	DIMT Execution Requirements	
REQ-06.06.02-SPR-0806.0005	DIMT Execution Requirements	
REQ-06.06.02-SPR-0806.0006	DIMT Execution Requirements	
REQ-06.06.02-SPR-0807.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0807.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0807.0003	DIMT Execution Requirements	
REQ-06.06.02-SPR-0808.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0808.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0004	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0005	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0006	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0007	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0008	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0009	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0010	DIMT Execution Requirements	
REQ-06.06.02-SPR-0809.0011	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0003	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0004	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0005	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0006	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0007	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0008	DIMT Execution Requirements	

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REQ-06.06.02-SPR-0810.0009	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0010	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0011	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0012	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0013	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0014	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0015	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0016	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0017	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0018	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0019	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0020	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0021	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0022	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0023	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0024	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0025	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0026	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0027	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0028	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0029	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0030	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0031	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0032	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0033	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0034	DIMT Execution Requirements	

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REQ-06.06.02-SPR-0810.0035	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0036	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0037	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0038	DIMT Execution Requirements	
REQ-06.06.02-SPR-0810.0039	DIMT Execution Requirements	
REQ-06.06.02-SPR-0811.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0816.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0816.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0818.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0819.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0819.0002	DIMT Execution Requirements	
REQ-06.06.02-SPR-0820.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0821.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0407.0001	DIMT Execution Requirements	
REQ-06.06.02-SPR-0407.0002	DIMT Execution Requirements	

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Appendix G Updated Requirements

The table below indicates changes in TS requirements:

- New Requirement: NEW
- Updated Requirement: UPDATED

REQUIREMENT	CHANGE	PHASE	REASON
REQ-12.07.03-TS-MANA.0015	UPDATED	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.0021	UPDATED	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.5147	UPDATED	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.0089	UPDATED	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.7888	NEW	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.0105	UPDATED	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757

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REQ-12.07.03-TS-MANA.1933	UPDATED	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.7884	NEW	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.7885	NEW	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.7889	NEW	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.7886	NEW	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.0164	UPDATED	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.7887	NEW	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.0278	UPDATED	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757
REQ-12.07.03-TS-MANA.0303	UPDATED	Phase 3	To align the TS with the changes include d in the OSED Phase 3 and the validation exercise EXE-757

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REQ-12.07.03-TS-MONI.1802	UPDATED	Final TS	To align the TS with the recommendations provided in the APAMS Verification Report Phase 2
REQ-12.07.03-TS-MANA.0015	UPDATED	Final TS	To clarify the concept of alert / warning / event, it has been included the word "performance".
REQ-12.07.03-TS-MANA.0021	UPDATED	Final TS	To clarify the concept of alert / warning / event, it has been included the word "performance".
REQ-12.07.03-TS-MANA.0064	UPDATED	Final TS	The term "disruption" has been replaced by "impact"
REQ-12.07.03-TS-MANA.0074	UPDATED	Final TS	To clarify the concept of alert / warning / event, it has been included the word "performance".
REQ-12.07.03-TS-MANA.0079	UPDATED	Final TS	The term "assigned" has been replaced by "responsible". In order to align the TS with the changes include d in the OSED Phase 3
REQ-12.07.03-TS-MANA.0084	UPDATED	Final TS	To clarify the concept of Collaborative Process, it has been included the term Collaborative Decision Making Process, instead of Collaborative Process.
REQ-12.07.03-TS-MANA.0158	UPDATED	Final TS	To clarify the concept of Collaborative Process, it has been included the term Collaborative Decision Making Process, instead of Collaborative Process.
REQ-12.07.03-TS-MANA.1938	UPDATED	Final TS	To clarify the concept of alert / warning / event, it has been included the word "performance".

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REQ-12.07.03-TS-MANA.0208	UPDATED	Final TS	It is rewritten to clarify that the Solution message is instantiated at the same time that the OIM, instead of when the OIM has been published.
REQ-12.07.03-TS-MANA.0308	UPDATED	Final TS	It has been rewritten to clarify that each stakeholder has access to the same OIM, not a particular message for everyone.
REQ-12.07.03-TS-MANA.0228	UPDATED	Final TS	The responsible stakeholder has been included in the specification,(in phase 3 the functionality was defined only for the user APOC Supervisor)
REQ-12.07.03-TS-MANA.0298	UPDATED	Final TS	To clarify that each stakeholder updates only your own predefined solutions

Appendix H IMPROVEMENTS

Number	Requirement/Paragraph	Title	Description
1	REQ-06.05.04-OSED-AOIP.1040 REQ-06.05.04-OSED-AOIP.1050	Assigned stakeholder	<p>Inconsistency on the assigned stakeholder functionality between OSED requirements and Validation Plan (Appendix G, page 130). According to OSED V2, the system throws an alarm when triggered by a KPI calculation that exceeds the threshold configured in the Airport Steering Service. In that configuration, an assigned stakeholder is set up so he/she receives the notification of the alarms regarding that KPI. So, when the OIM is instantiated, all information in step 2 is filled in automatically by the system, including the Assigned stakeholder. The assigned stakeholder involves additional people if necessary, but the assigned stakeholder field will be disabled.</p> <p>We suggest this modification according to the UC 654 01a is added in the OSED V3 as an improvement</p>
2	Runway Capacity Change	Rules Engine	We suggest that the Runway Capacity Change Indicator should be added to the Rules Engine in the OSED V3
3	Apron/Stand Infrastructural efficiency	Rules Engine	We suggest that the Apron/Stand Infrastructural efficiency Indicator should be added to the Rules Engine in the OSED V3

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4	A/C changes	Rules Engine	We suggest that the A/C Changes Indicator should be added to the Rules Engine in the OSED V3
5	Flight cancellation	Rules Engine	We suggest that the Flight cancellation Indicator should be added to the Rules Engine in the OSED V3
6	Turnaround Predictability	Rules Engine	We suggest that Turnaround Predictability Indicator should be added to the Rules Engine in the OSED V3
7	Diverted flights	Rules Engine	We suggest that the Diverted flights Indicator should be added to the Rules Engine in the OSED V3
8	ATFCM delay	Rules Engine	We suggest that the ATFCM delay Indicator should be added to the Rules Engine in the OSED V3
9	Apron Capacity Shortage((for small, medium and large stands)	Rules Engine	We suggest that the Apron Capacity Shortage((for small, medium and large stands) Indicator as long as the proper calculations for each stand category should be added to the Rules Engine in the OSED V3
10	Flight not compliant with TOBT/TSAT	Rules Engine	We suggest that the Flight not compliant with TOBT/TSAT Indicator should be added to the Rules Engine in the OSED V3
11	Missed TSAT	Rules Engine	We suggest that the Missed TSAT Indicator should be added to the Rules Engine in the OSED V3
12	Arrival Delay Block	Rules engine	We suggest that the Arrival Delay Block Indicator includes de TIBT in the calculations

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