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# System Requirements Definition – Phase 2

## Document information

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## Task contributors

SELEX ES, INDRA, EUROCONTROL

*Please complete the advanced properties of the document*

## Abstract

This document describes the technical requirements for the integration of ATC systems (AMAN, SMAN, DMAN, RMAN, MET...) into Collaborative Decision Making process. These will be later used as inputs by the prototypes developed by the Industry Partners (Indra, SELEX ES) involved, and will be the baseline for Phase 2 developments.

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## Document History

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00.00.03	19/06/2015	Draft		Included Eurocontrol and SELEX contribution
00.01.00	13/07/2015	Final version		Internal and external reviews feedbacks and approvals

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## Executive summary

This document describes the technical requirements for the integration of ATC systems into the SESAR evolution of the Airport Collaborative Decision Making process. This specification aims to define both the Information Exchanged and the Performance Monitoring tools.

Advanced ATC tools like AMAN, DMAN and SMAN cooperate with the AOP (or in their absence an Airport CDM platform) concept by sharing information and optimising arrivals (AMAN), departures (DMAN) and ground movement (SMAN). The main impact of each system on A-CDM is as follows:

- AMAN improves the quality of ELDT (both accuracy and timeliness).
- DMAN improves the quality of TTOT (both accuracy and timeliness) and indirectly the quality of TSAT.
- SMAN provides situational awareness and improves short-term predictions of taxi time.

Among projects from 12.06, it is in the 12.06.07 scope to develop a prototype able to guarantee the Communications between the ATC systems and the AOP/A-CDM platform. In particular, in this case each Ground Industry partner in this Project, Selex and Indra, will develop a prototype, both developed according to a common and consistent set of operational requirements and specifications consolidated and agreed in the project, but with different scopes and approaches as described in chapter 4: Indra prototype will cover Information Exchange functionality, while Selex prototype will cover Information Exchange functionality and will add to this the Airport Performance Monitoring functionality. Considering that a specific TS for the performance monitoring is delivered in project 12.07.03 [11], in this document only the requirement related to Information Exchange functionality will be analysed, but we keep in the performance monitoring requirements defined in the D01 System Requirements – Phase 1, changing the status from <in progress> to <deleted>.

In the document, AOP will be used as an evolution of the A-CDM platform as is defined in the OFA05.01.01 OSED Ed3.

In the appendix, it is possible to find a map of the requirements of 12.06.7 in the requirements of the 12.07.03. Therefore this Technical Specification document consists of a set of requirements identified as the baseline for Phase 2 developments.

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# 1 Introduction

The collaboration in taking decision among several and heterogeneous stakeholders stands for the key factor for increasing the airport performance and allowing to meet the air transport growing demand. In turn, this allows designing and developing new strategies and approaches in the identification of airport inefficiencies and drawbacks and, of course, in promptly acting through suitable countermeasures. Nowadays the stakeholder collaboration is fragmented and no systematic approach to enable the interoperability one another is available.

The project tries to fill this gap proposing key functionalities to increase the stakeholder's interoperability and their awareness in taking decision. In fact, the prototype will have the role on the one hand of adapting the information flow among the stakeholders and on the other hand to calculating and showing suitable key performance indicators useful to foresee the airport performance trend.

## 1.1 Purpose of the document

The purpose of this document is to present the operational and functional requirements for the AMAN, SMAN and DMAN integrated into A-CDM environment as defined in the PIR part 1 of the project. As part of SESAR concepts, the A-CDM environment is progressing to the AOP concept. In this document are reported all the Technical Requirements (Functional and Non-Functional) that assure the integration among the systems that manage the A-CDM processes and the ATC systems. These requirements will be implemented in both the Indra-developed and the Selex-developed Prototypes according with their respective scopes.

This document will be the baseline for the Prototypes development in the Phase 2 of the project.

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

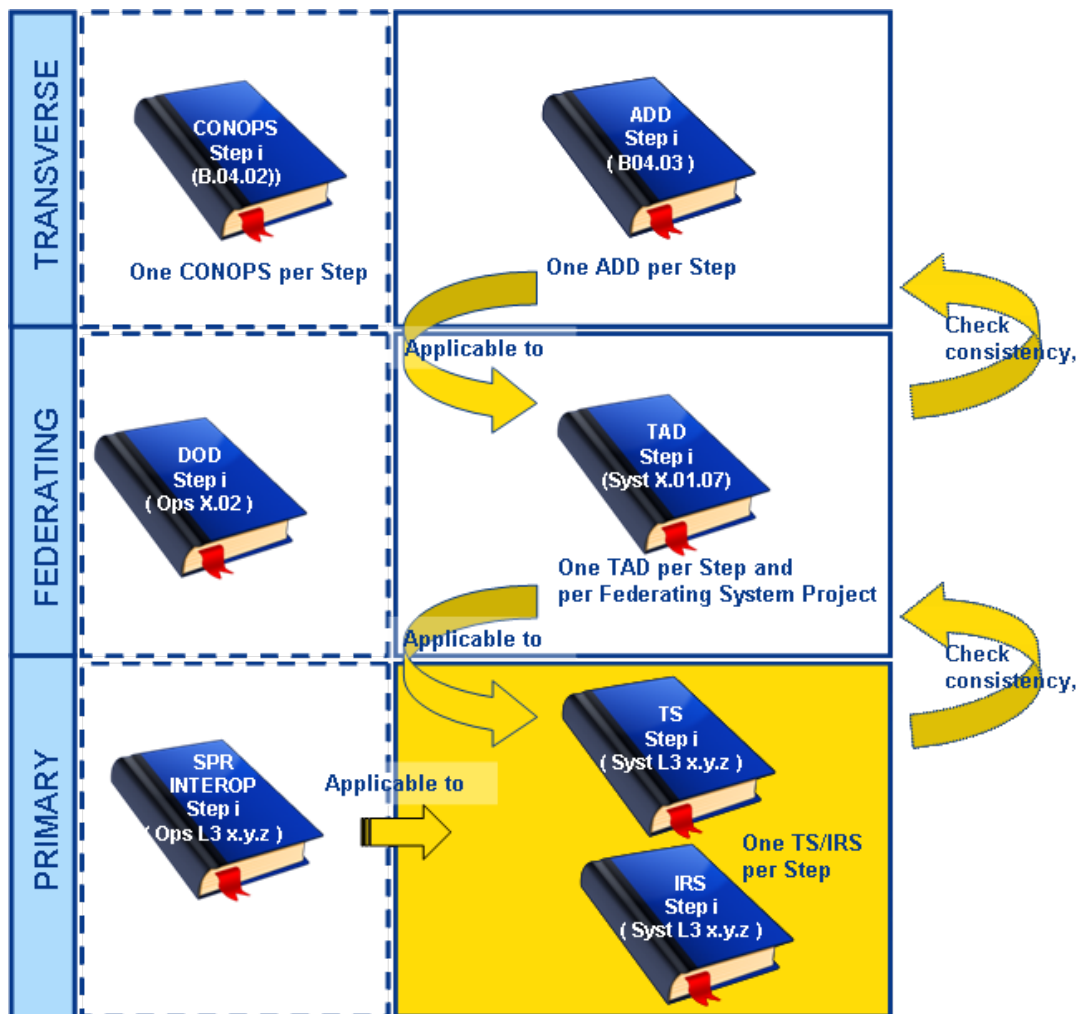


Figure 1: TS document with regards to the other SESAR deliverables

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## 1.2 Intended readership

This document is intended for the following audience:

- P12.02.01: Runway Management tools
- P12.06.02: The Airport Operations Plan (AOP)
- P12.07.03: Airport Performance Assessment and Management Support Systems
- P12.06.03: Enhanced MET-systems with CDM
- P12.07.05: Improved weather information systems
- P12.03.03: Enhanced Surface Routing
- P12.03.04: Enhanced Surface Guidance
- P12.04.03: Enhanced FDPs at airports
- P12.04.04: Integration of Departure Management and Surface Management
- OFA05.01.01: Airport Operations Planning and CDM
- 08.01.10: Information Modelling Airport Domain
- 08.03.03: Identify and Develop Aeronautical Information ATM Services
- 08.03.06: Identify and Develop Airport Operators ATM Information Services

## 1.3 Inputs from other projects

The main sources of inputs are expected to be

- OFA05.01.01: Airport Operations Planning and CDM
- P12.06.02: The Airport Operations Plan (AOP)
- P12.02.01: Runway Management tools
- P12.06.03: Enhanced MET-systems with CDM
- P12.07.03: Airport Performance Assessment and Management Support Systems
- P12.07.05: Improved weather information systems
- P12.04.03: Enhanced FDPs at airports
- 08.01.10: Information Modelling Airport Domain
- 08.03.03: Identify and Develop Aeronautical Information ATM Services
- 08.03.06: Identify and Develop Airport Operators ATM Information Services

## 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:** Assumptions
- **Chapter 5:** Referenced documents

## 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.

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The naming convention used in this document is the following:

*[Object\_type]-[Project\_code]-[Document\_code]-[Reference code 1]- [Reference number 2]*,

Where:

- [Object\_Type] will be a fixed text indicating requirement (REQ)
- [Project\_code] will be 12.06.07, indicating that the requirements specified are associated to P12.06.07 project
- [Document\_code]: according to Requirements and V&V guidelines [2], the document code is set as TS (Technical Specification).
- Reference is a sequence of digits split between reference code 1 and reference number 2. In the case of our project, the reference code 1 will indicate the section where the requirement is placed and the reference number 2 will be a sequence number identifying the requirement into the section.

The Reference Code 1 has been written according with the following decomposition:

- **Information Exchange**

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

- *REQ-12.06.07-TS-**IEGI**.0001 for the **General Information Process***
- *REQ-12.06.07-TS-**IEFI**.0001 for the **Flight Information Process***
- *REQ-12.06.07-TS-**IERI**.0001 for the **Runways Information Process***
- *REQ-12.06.07-TS-**IEGM**.0001 for the **Ground-Movements Capacity Information Process***
- *REQ-12.06.07-TS-**IEMI**.0001 for the **MET Information Process***
- *REQ-12.06.07-TS-**IEOI**.0001 for the **Other Information Process***

- **Performance Monitoring**

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

- *REQ-12.06.07-TS-**PMCI**.0001 for the **Compute Indicators***
- *REQ-12.06.07-TS-**PMAD**.0001 for the **Assess Deviations***
- *REQ-12.06.07-TS-**PMRA**.0001 for the **Raise Alert/Warning***
- *REQ-12.06.07-TS-**PMHM**.0001 for the **HMI***

- **Interface Requirements**

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

- *REQ-12.06.07-TS-**FIIR**.0001 for the **Flight Information Interface Requirements***
- *REQ-12.06.07-TS-**RIIR**.0001 for the **Runways Information Interface Requirements***
- *REQ-12.06.07-TS-**GMIR**.0001 for the **Ground Movements Capacity Information Requirements***

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- REQ-12.06.07-TS-**METI**.0001 for the **MET** Information Interface Requirements
- REQ-12.06.07-TS- **OIIR**.0001 for the **Other** Information Interface Requirements
- REQ-12.06.07-TS- **DEIR**.0001 for the **Data Emulation** Interface Requirements

For example, the identifier:

REQ-12.06.07-TS-IEGI.0001

Refers to a requirement written by the 12.06.07 project, reported inside the TS document in the section §3.1.1. The number "0001" refers to the first requirement of the section §3.1.1.

In order to facilitate import of the requirements in a DOORS data base, it is recommended to follow the layout described in [1]; details are provided in the users' manual [3]

Attributes for a requirement are the following:

- **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>

- **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

The objective of this project is to integrate the information provided by the queue management and routing tools to enhance interaction and information flow that improves CDM related business process around the airport, particularly focussing on the possibilities of AMAN and DMAN systems, and also new functionalities from SMAN in order to obtain and share accurate information related to route planning and surface guidance scheduling.

The integration of SMAN with AMAN and DMAN provides accurate taxi time by automatic or semiautomatic planning of ground trajectories, from runway to the stand selected for the aircraft in arrivals and an accurate take off sequence for departures.

Moreover the benefit of the AMAN/DMAN/SMAN integration is the maximum utilisation of existing available runway, reducing number and duration of flight and ground holdings without raising the workload of the airport resources and controllers at the same time.

The project will connect the specific subsystems that manage part of the CDM processes, and the identification of these systems is one of the activities in this project, with a “queue management tool” (e.g. [AMAN + (DMAN+SMAN)]), that provide a sorted list that the aircrafts and the operators have to follow in order to arrange and execute their turn-round operations.

The integration into CDM processes will provide benefits by:

- Handling the growing number and complexity of departures, whilst considering arrival traffic (specially in mixed mode operations or crossing runways);
- Maintaining maximum operational runway capacity, slot compliance and minimising taxi-out delays;

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- Helping to make optimum use of the available airport capacities by reducing unnecessary delays on stands, on taxiways and at departure runway holding points;
- Providing an accurate and constantly updating Target Take-Off Time (TTOT)
- Reducing the time spent by controllers on planning to verify the schedule

To meet these objectives, two main functionalities have been identified:

**Information Exchanged** functionality covers the interface and data processing from/to (2-way) different ATC systems and AOP/A-CDM Platform. Identified ATC systems of interest, referred hereafter also as Source Systems, are the following:

- AMAN (Arrival Manager): Tool of the ANSP to assist in the planning and management of inbound traffic flows towards the Ground Node / AOP (X)
- DMAN (Departure Manager): A planning system to improve departure flows at one or more airports by calculating the Target Take Off Time (TTOT) and Target Start Up Approval Time (TSAT) for each flight, taking multiple constraints and preferences into account.
- SMAN (Surface Manager) and A-SMGCS: Advanced Airport Surface Movement Guidance and Control System
- AFDP (Airport Flight Data Processing): The Aerodrome Flight Data Processing function manages the creation, update and modification of system flight plans up to/from the moment the aircraft takes-off/lands
- RMAN (Runway Manager): The objective of the Runway Management activity is to achieve optimal runway utilisation that is safe in all weather conditions
- MET (Meteorological systems): Presents available weather data (observations and forecasts) to be selected by the other stakeholders as specific fields in the AOP/A-CDM Platform

**Performance Monitoring** functionality aims to manage the sequencing flight list and analyse the information coming from the real time monitoring systems of the turn-around operations.

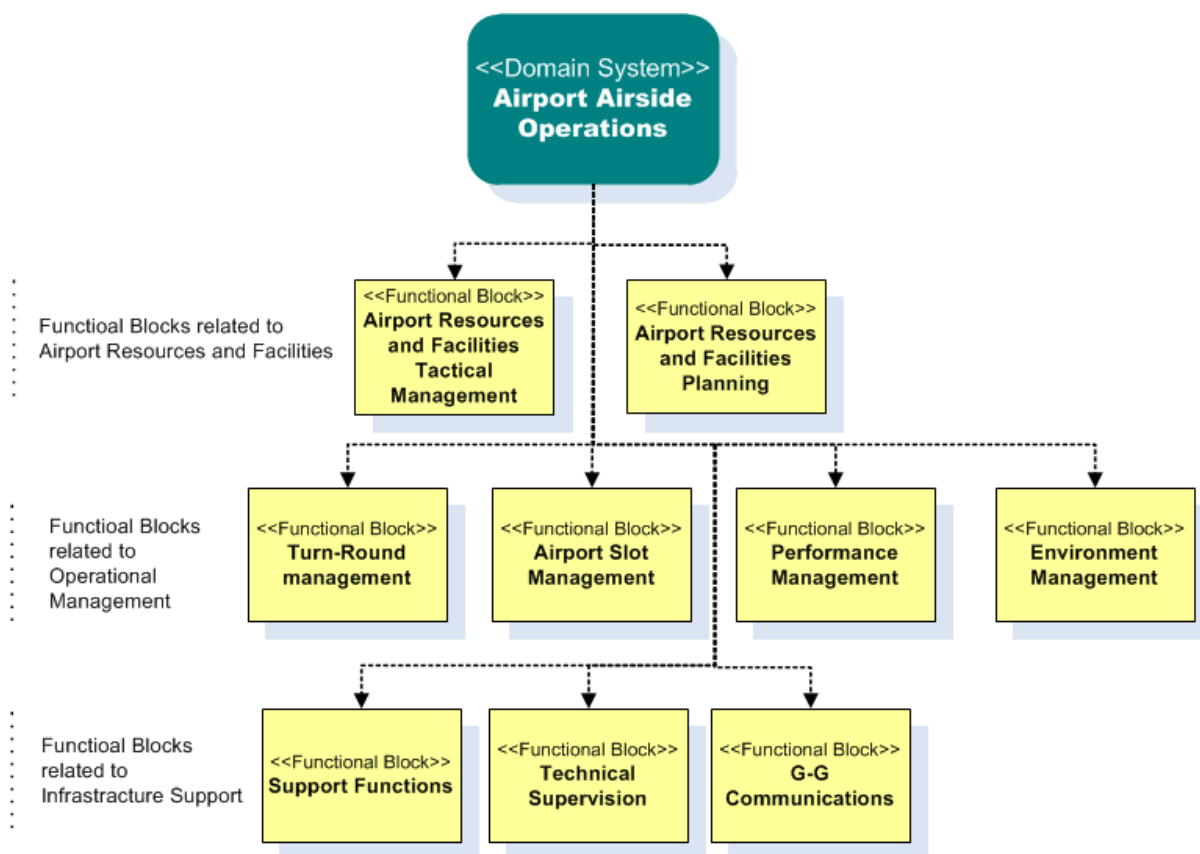
## 1.7 Functional block Overview

According to TAD Step1-3<sup>rd</sup> Iteration (19/12/14)[5], this project is included in the **Airport Airside Operations Domain System**.

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**Figure 2: Airport Airside Operations Domain System – Functional breakdown**

According to descriptions included in section 3.1 of TAD Step1-3<sup>rd</sup> Iteration (19/12/14)[5], this project is related to the following Functional Blocks:

**Performance Management:**

Function in charge of assessing the airport’s performance and improving it. Its main function is to extract, either in real-time or from historic data, commonly agreed key performance indicators (such as take-off punctuality, IATA-punctuality, reliability ...) 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 might appear. This function provides: performance KPIs and performance Alerts.

**Ground/Ground Communications:**

This function provides ground-ground Communications directly related to Airport Airside Operations functions and includes Communications with:

- a. Turn-Round Management
- b. Airport Slot Management
- c. Performance Management
- d. Airport Resources and Facilities Tactical Management
- e. Technical Supervision
- f. Support Functions
- g. Environment Management
- h. Airport Operations Centre
- i. FOC/WOC
- j. Regional NM/AM
- k. TWR
- l. Regional ATM MET
- m. Sub-Regional/National ATM MET

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- n. APP/ACC
- o. Regional AIM
- p. National AIM
- q. Nav. Infra
- r. Time Ref.

## 1.8 Glossary of terms

Term	Definition	Source
<b>Actual In-block Time (AIBT)</b>	<i>The actual date and time when the parking brakes have been engaged at the parking position</i>	ATM Lexicon
<b>Airport Operational Plan (AOP)</b>	<i>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.</i>	ATM Lexicon
<b>Airport Operations Centre (APOC)</b>	<i>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 communicate, coordinate and collaboratively decide on their progress.</i>	ATM Lexicon
<b>Actual Start Up Approval Time (ASAT)</b>	<i>Time that an aircraft receives its start-up approval.</i>	ATM Lexicon
<b>Actual Take Off Time (ATOT)</b>	<i>- The time that an aircraft takes off from the runway (Equivalent to ATC ATD – Actual Time of Departure, ACARS = OFF)</i>	ATM Lexicon
<b>CTOT (Calculated Take Off Time)</b>	<i>A time calculated and issued by the appropriate Central Management Unit, as a result of tactical slot allocation, at which a flight is expected to become airborne.</i>	ATM Lexicon
<b>Declared Capacity</b>	<i>The coarsest level of capacities defined is the Declared Capacity which is the basis for allocating airport slots. It is comprised of values for declared total capacity, declared maximum arrival capacity and declared maximum departure capacity taking into account airport infrastructure, typical situations and political issues. Declared capacity can vary throughout the day.</i>	6.5.3 D02
<b>Departure Manager (DMAN)</b>	<i>A planning system to improve departure flows at one or more airports by calculating the Target Take Off Time (TTOT) and Target Start Up Approval Time (TSAT) for each flight, taking multiple constraints and preferences into account.</i>	ATM Lexicon
<b>Estimated In Block Time (EIBT)</b>	<i>The estimated time that an aircraft will arrive in-blocks. (Equivalent to Airline/Handler ETA – Estimated Time of Arrival).</i>	ATM Lexicon
<b>Estimated Landing Time (ELDT)</b>	<i>The estimated time that an aircraft will touchdown on the runway (Equivalent to ATC ETA–Estimated Time of Arrival = landing).</i>	

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Term	Definition	Source
<b>Estimated Off Block Time (EOBT)</b>	<i>The Estimated Off-Block Time (EOBT) is the estimated time at which the aircraft will start movement associated with departure (ICAO).</i>	
<b>Estimated Take Off Time (ETOT)</b>	<i>The Estimated Take-Off Time is calculated based on actual on-ground status of aircraft (including clearances already delivered) and planned on-ground movements (including taxi plan and aircraft moves duration estimates, departure sequence). The ETOT complies with the aircraft departure slot issued by the CFMU (if any).</i>	
<b>Estimated Taxi-Out Time (EXOT)</b>	<i>The estimated taxi time between off-block and take-off. This estimate includes any delay buffer time at the holding point or remote de-icing prior to take off.</i>	ATM Lexicon
<b>Operational Steering Board (OSB)</b>	<i>Regularly (monthly) scheduled board that produces detailed steering parameters (KPIs and PDIs for the KPAs defined in the APB and performance values that should trigger warnings and alerts).</i>	Section 3.2.2.2
<b>Performance Driver Indicator</b>	<i>A Performance Driver Indicator (PDI) is a measure that directly affects an outcome or achievement of a Key Performance Indicator (KPI). PDI is a performance metric that is associated with a preceding step in a value stream or business process. It will contribute directly to a KPI and may be a component in the way the KPI is calculated.</i>	P6.5.1
<b>Practical Capacity</b>	<i>The Practical Capacity is the number of aircraft operations during a specified time corresponding to tolerable level of average delay.</i>	6.5.3 D02
<b>Push-Back</b>	<i>Movement of an aircraft on the ground consisting of leaving the parking area in reverse motion as far as alignment on the taxiway.</i>	
<b>Push-back/start up Approval</b>	<i>The push-back/start up approval is issued by Tower Ground Controller (or Apron Manager) and indicates that flight crew is now allowed to push-back and move the aircraft following the push-back path delivered with the approval. The authorisation to move is restricted to this movement only.</i>	
<b>Runway Exit</b>	<i>A designated turn-off or high speed turn-off from the runway, that leads the aircraft out of the runway and out of the runway safety strip to the apron areas of an airport.</i>	
<b>Saturation Capacity</b>	<i>The expected (“average”) number of runway operations (takeoffs and landings) that can be performed in one hour without violating ATC rules, assuming continuous aircraft demand. It can be calculated per runway and traffic type (arrival/departure).</i>	

Term	Definition	Source
<b>SID</b>	<i>The Standard Instrument Departure (SID) represents the departure route of the aircraft to the ACC entry point.</i>	
<b>Scheduled Off Block Time (SOBT)</b>	<i>The time that an aircraft is scheduled to depart from its parking position.</i>	ATM Lexicon
<b>Target Off Block Time (TOBT)</b>	<i>The time that an Aircraft Operator or Ground Handler estimates that an aircraft will be ready, all doors closed, boarding bridge removed, push back vehicle available and ready to start up / push back immediately upon reception of clearance from the Tower Controller.</i>	ATM Lexicon
<b>Target Start-up Approval Time (TSAT)</b>	<i>The time provided by ATC taking into account TOBT, CTOT and/or the traffic situation that an aircraft can expect start-up / push-back approval</i>	ATM Lexicon
<b>Target Time of Arrival (TTA)</b>	<i>An ATM computed arrival time. It is not a constraint but a progressively refined planning time that is used to coordinate between arrival and departure management applications.</i>	ATM Lexicon
<b>TTOT</b>	<i>Time taking into account the Target Start Up Approval Time (TSAT) plus the Estimated Taxi-Out Time (EXOT).</i>	ATM Lexicon

Table 1: Glossary of terms

## 1.9 Acronyms and Terminology

Term	Definition
<b>ACARS</b>	Aircraft Communications, Addressing and Reporting System
<b>A-CDM</b>	Airport Collaborative Decision Making
<b>AFAT</b>	Actual Time at the Final Approach Fix or Final Metering Fix point
<b>AFDP</b>	Airport Flight Data Processing
<b>aFDPS</b>	Aerodrome Flight Data Processing System
<b>AIAT</b>	Actual Initial Approach Time
<b>AIBT</b>	Actual In-Block Time
<b>ALDT</b>	Actual Landing Time
<b>AMAN</b>	Arrival Manager
<b>ANSP</b>	Air Navigation Service Provider
<b>AOBT</b>	Actual Off-Block Time
<b>AOP</b>	Airport Operation Plan
<b>APAMS</b>	Airport Performance Assessment Management Support System
<b>APOC</b>	AirPort Operating Centre
<b>ARDT</b>	Actual ReaDy Time for movement
<b>ASAT</b>	Actual Start Up Approval Time
<b>ASDI</b>	AMAN, SMAN, DMAN fully Integrated into CDM processes
<b>ASET</b>	Actual Stack Entry Time. Time when the aircraft joined the air holding stack
<b>A-SMGCS</b>	Advanced Airport Surface Movement Guidance and Control System
<b>ASRT</b>	Actual Start-Up Request Time
<b>ASXT</b>	Actual Stack eXit Time
<b>ATC</b>	Air Traffic Control
<b>ATCO</b>	Air Traffic COntroller

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Term	Definition
ATM	Air Traffic Management
ATOT	Actual Take Off Time
ATV	Airport Transit View
AXIT	Actual Taxi-In Time
AXOT	Actual Taxi-Out Time
CTOT	Calculated Take-Off Time
DCB	Demand Capacity Balance
DEP	Departure (status)
DMAN	Departure Manager
DIV	Diverted (status)
DOD	Detailed Operational Description
E-ATMS	European Air Traffic Management System
EIBT	Estimated In-Block Time
ELDT	Estimated Landing Time
EXIT	Estimated Taxi-In Time
EXOT	Estimated Taxi-Out Time
FDP	Flight Data Processing
FLDT	Forecasted Landing Time
FIR	Flight Information Region
FNL	Final approach
FO	Flight Object
FTOT	Forecasted Take-Off Time
FUM(s)	Flight Update Messages
GOA	Go-around
HMI	Human Machine Interface
IATA	International Air Transport Association
IBK	In-Block
ICAO	International Civil Aviation Organization
IDH	Indefinite Holding
IER	Information Exchange Requirements
INTEROP	Interoperability Requirements
KPI	Key Performance Indicator
KPA	Key Performance Area
MET	Meteorological systems
OBK	Off-Block
OFA	Operational Focus Area
OSB	Operational Steering Board
OSED	Operational Service and Environment Definition
PDI	Performance Driver Indicator
PK	Parking (stand)
PM	Performance Monitoring
QFE	Barometric pressure adjusted to a specific aerodrome or ground level
QNH	Barometric pressure adjusted to sea level
RBT	Reference Business Trajectory
RET	Returned - Flight returning
RMAN	Runway Manager
RPO	Re-positioning operation
ROT	Runway Occupancy Time
RTN	Returned - Flight returning
RVR	Runway Visual Range
RWY	Runway
RWYARR	Arrival Runway
RWYDEP	Departure Runway

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Term	Definition
<b>SESAR</b>	Single European Sky ATM Research Programme
<b>SIBT</b>	Scheduled In-Block Time
<b>SID</b>	Standard Instrument Departure
<b>SJU</b>	SESAR Joint Undertaking (Agency of the European Commission)
<b>SJU Work Programme</b>	The programme which addresses all activities of the SESAR Joint Undertaking Agency.
<b>SESAR Programme</b>	The programme which defines the Research and Development activities and Projects for the SJU.
<b>SLDT</b>	Scheduled Landing Time
<b>SMAN</b>	Surface Manager
<b>SOBT</b>	Scheduled Off-Block Time
<b>SPR</b>	Safety and Performance Requirements
<b>STAR</b>	Standard Arrival Route
<b>SWIM</b>	System Wide Information Management
<b>TAD</b>	Technical Architecture Description
<b>TFDP</b>	Tower Flight Data Processing
<b>TIBT</b>	Target In-Block time
<b>TLDT</b>	Target Landing Time
<b>TMA</b>	Terminal Manoeuvring Area
<b>TOBT</b>	Target Off-Block Time
<b>TS</b>	Technical Specification
<b>TSAT</b>	Target Start Up Approval Time
<b>TTA</b>	Target Time of Arrival
<b>TTOT</b>	Target Take Off Time
<b>TXI</b>	Taxi-in
<b>TXO</b>	Taxi-Out
<b>TXO-D</b>	De Icing Taxi
<b>TWR</b>	Tower
<b>UTC</b>	Coordinated Universal Time

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## 2 General Functional block Description

### 2.1 Context

The aim of this project is to enhance interaction and information flow that improves CDM related business process around the airport, particularly focusing on the interaction between ATC systems and AOP/A-CDM Platform. New enhancements in these systems will facilitate fully integrated data into CDM process.

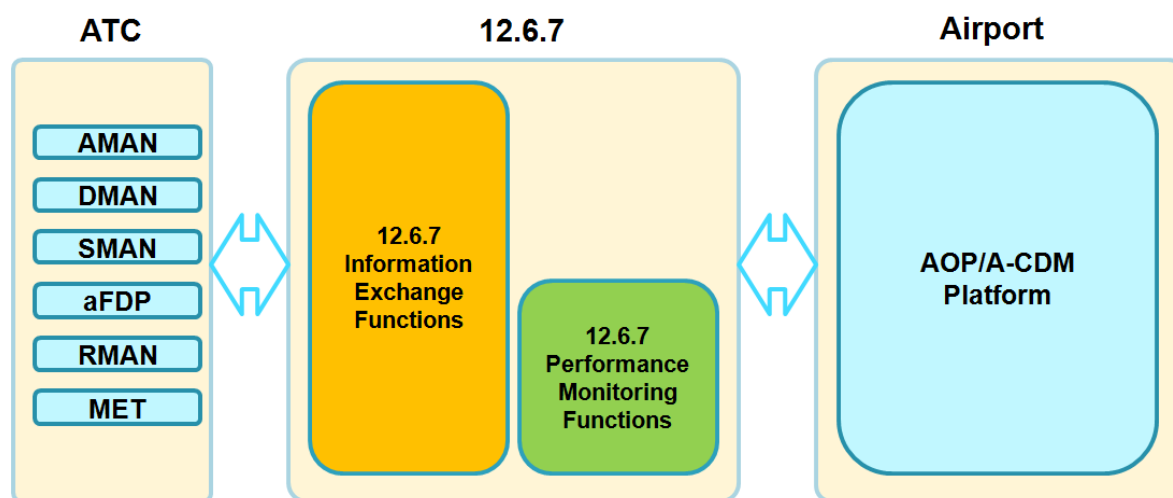


Figure 3: Project Context Functional View

The information to be exchanged with ATC systems is defined in the **Information Exchange Requirements** (IER's) [6] produced from the operational projects in OFA 5.1.1 OSED [7].

Exchanged information with the AOP/A-CDM Platform initially identified is indicated in the following diagram (detailed analysis is described in the corresponding requirements):

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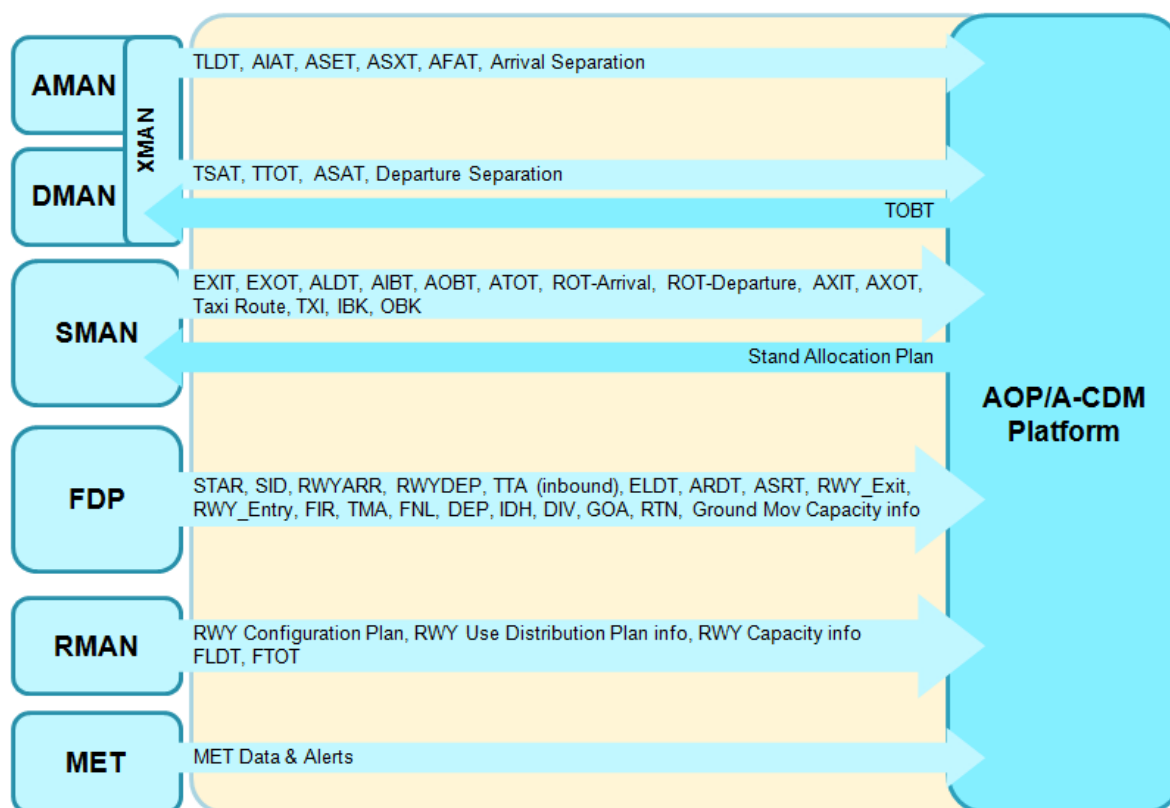


Figure 4: Information exchanged with AOP/A-CDM

The detailed **data exchanged modelling** is expected to be undertaken by **WP 8** based on the IER's and the technical requirements indicated in this document. This **interface** is expected to be supported by **SWIM** and will help to maintain consistency of data thereby enabling a common situational awareness.

The project will include the development of different **data exchange emulators** for internal tests and verification.

**Airport Performance Monitoring** Service is defined by project 6.6.2 inside OFA 5.1.1 OSED. The Performance Monitoring function will constantly calculate performance information and measures it against the warning and alert levels entered into its **Rules Engine**. If a change in the input data results in change in the performance information, then the Performance Monitoring function will show the updated performance information. If the change in the performance information triggers a warning or alert rule, then the Performance Monitoring function will show the warning or alert as per the Rules Engine.

## 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.

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- **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:

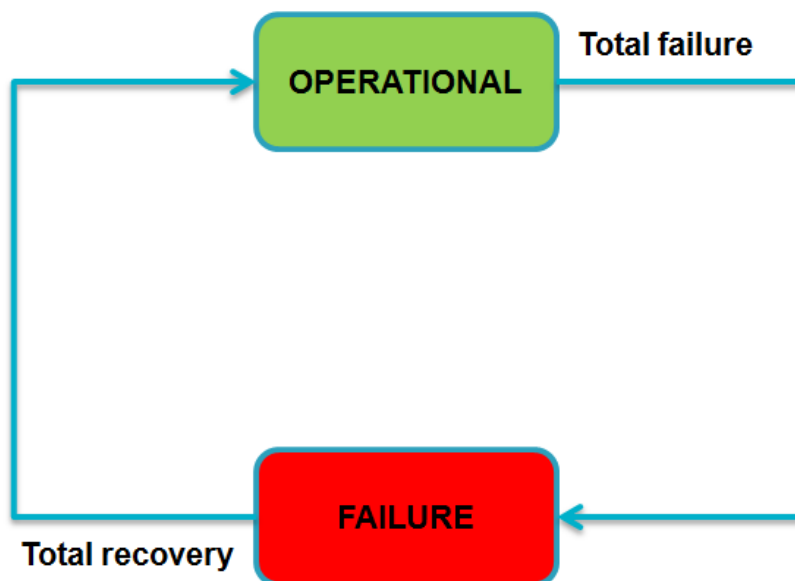


Figure 5: System Modes

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 **Information Exchanged** functionality is decomposed in the following major functions:

- General Information Process
- Flights Information Process
- Runways Information Process
- Ground Movements Capacity Information Process
- MET Information Process
- Other Information Process

The **Performance Monitoring** functionality is decomposed in the follow major functions:

- Compute Indicators
- Assess Deviations
- Raise Alert/Warning

These functions are described in chapter 2.6. which are the bases for the requirements breakdown structure in chapter 3.

## 2.4 User Characteristics

The Users affected by the system developed by P12.06.07 are the following:

- **ANSP/ATCO**  
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- The **TWR Clearance Delivery ATCO**, as the TOBT provided by the system will affect its Pre-Departure Sequence
- The **RWY ATCO**, as the TOBT provided by the system will be taken into account by the DMAN to provide the Departure Sequence
- The **Ground Surface ATCO**, as the Stand Allocation Plan provided by the system will be taken into account by the SMAN in order to determine the planned and the cleared routes
- The **AirPort Operating Centre (APOC)**, as it will manage the performance of present and short-term airport operations, giving relevant airport stakeholders a common operational overview of the airport, and facilitating the Collaborative Decision Making Process

During the performance of the Phase 1 TS, discussions were held on the necessity to include the ATSEP (Air Traffic Safety Electronics Personnel, the ATM technical staff responsible for ensuring that all ATC Systems are running in a safe and operational condition) as a user contributing to this project. The role of the technical supervisors was being evaluated to be relevant for this project as this actor is responsible for the correct operation of the ATC systems, and therefore is also affected for the failure of communications between the ATC systems and the A-CDM platform. However, the lack of reference to this actor in the OFA05.01.01 OSED didn't allow taking them into account in the current stage of the project, so it was decided to wait for the results of P12.01.09 'ATC Systems Supervision', and to raise the subject for future consideration in the OFA05.01.01, leaving their consideration in P12.06.07 for the next iterations of the present document if so agreed at OFA level.

## 2.5 Operational Scenarios

The descriptions of the operational scenarios are based on the OSED document of the OFA 05.01.01 Airport Operations Management OSED [7], particularised for the interaction of the AOP with the AMAN/DMAN/SMAN systems. This OSED is a top-down refinement of the SESAR Airport Step 1 DOD document produced by the P6.2 project [8], which defines the Operational Scenarios involved related to the Airport Operations Management.

These Scenarios are based in the ATM phases, which are four: The long Term Planning Phase, the Medium/Short Term Planning Phase, the Execution Phase and the Post-Operations Phase. As the AMAN/DMAN systems are only expected to be operational very little time before the execution phase, inside the "Long Term Horizon", a variable parameter depending on the Airport Configuration, typically between 40 to 20 minutes before the arrival or departure of the flight (see P06.08.04 Step2 V1 Initial OSED [9]), the Long and Medium Term Planning Phases are considered to be out of scope of the present document. Furthermore, as the data (Actual) data will be in immediately updated into the AOP, the Post-Execution Phase is expected to be performed exclusively by the AOP and is therefore also out of scope of the present document, more focused on its interaction with the ATC systems.

Finally, out of the six Phases of the execution phase (Turn-Around, Surface-Out, Climb, En-Route, Descent and Surface-in), the Climb and En-Route Phases are also considered to be out of scope of the P12.06.07 as they do not interact with the AMAN/DMAN/SMAN systems.

Therefore, the resting operational scenarios are: Short Term Planning Phase, Execution Phase (divided into Descent, Surface-In, Turn Around and Surface-Out), and finally Post-Execution Phase.

- Short Term Planning Phase

Although the short term planning phase starts one day before the day of operation, its interaction with the AMAN/SMAN/DMAN systems will only be considered after the "Long Term Horizon", typically between 40 to 20 minutes before the arrival or departure of the flight (see P06.08.04 Step2 V1 Initial OSED [11]). In it, the ATC systems involved will send to the AOP regular updates of information such as ELDT, EIBT, etc., which will be used for refinement of the AOP short term planning phase.

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- Operational Scenario Description Execution Phase

The Execution Phase is split into four different processes; Descent, Surface-in, Turn-Round and Surface Out.

- Operational Scenario Descent

This Descent scenario describes the processes and interactions that an aircraft encounters from the time when it reaches the Initial Approach Fix (AIAT) until it lands (ALDT). The ATM system continuously updates the ELDT and EIBT during the process of the aircraft along its trajectory.

- Operational Scenario Description Surface-In

This Surface-in scenario describes the processes and interactions that an aircraft encounters from the time when the Flight Crew lands the aircraft (ALDT) until the aircraft gets the parking stand (AIBT). The ATM system continuously updates the EIBT during the process of the aircraft along its trajectory. During all the process, the different events; touchdown, in-block, and so on, will be recorded and available in the AOP.

- Operational Scenario Description Turn Around

The turn round scenario starts at the moment the aircraft is parked (AIBT) and ending at the moment the aircraft is being pushed back or vacating the parking position (AOBT). This scenario describes the ground handling of an aircraft when parked at the stand as well as the preparation of the aircraft to perform the next part of the trajectory or to start a new trajectory. During the progress of the aircraft the information related to the different milestones (TOBT, TSAT, and TTOT) will be updated in the AOP.

- Operational Scenario Description Surface-Out

The Surface Out scenario describes the processes and interactions that an aircraft encounters from the time the aircraft is off block (AOBT) till the aircraft is airborne (ATOT). During the progress of the aircraft, pushback, taxi-out; the (Actual) and target times will be calculated or recorded by the AMAN/DMAN/SMAN systems and updated in the AOP accordingly.

## 2.6 Functional

### 2.6.1 Functional decomposition

The following diagrams describe how the **Information Exchange** and the **Performance Monitoring** functionalities participate in realising the operational needs according to the functional breakdown defined in the TAD Step1-3<sup>rd</sup> Iteration (19/12/14)[5] document:.

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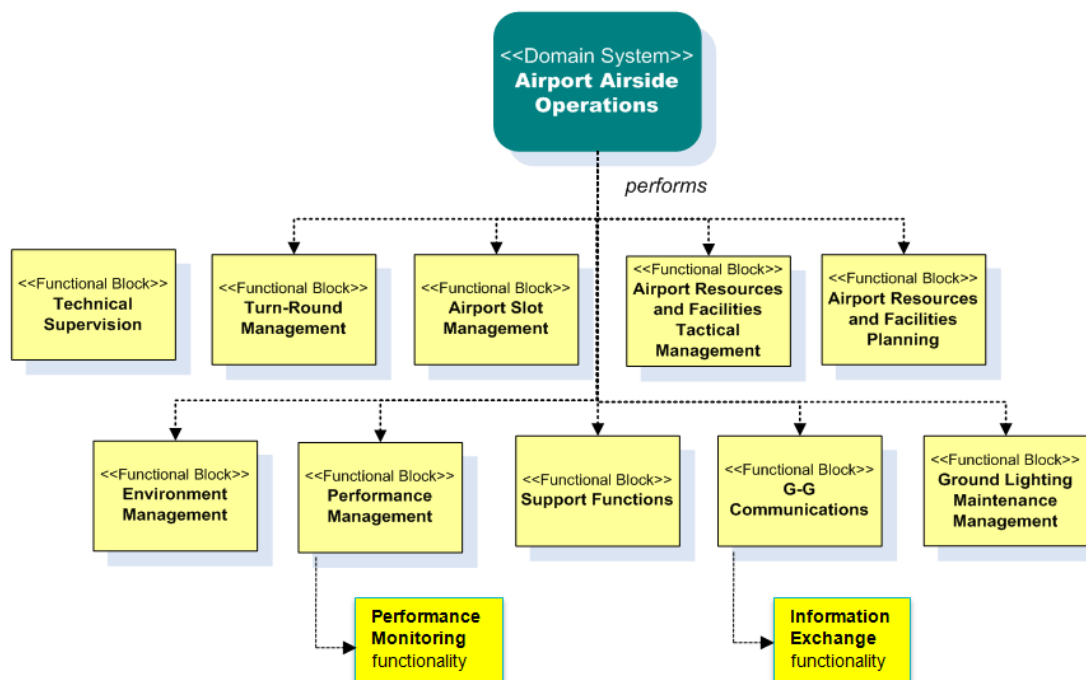


Figure 6: Functional view

The functional breakdown for the **Information Exchange** functionality is the following.

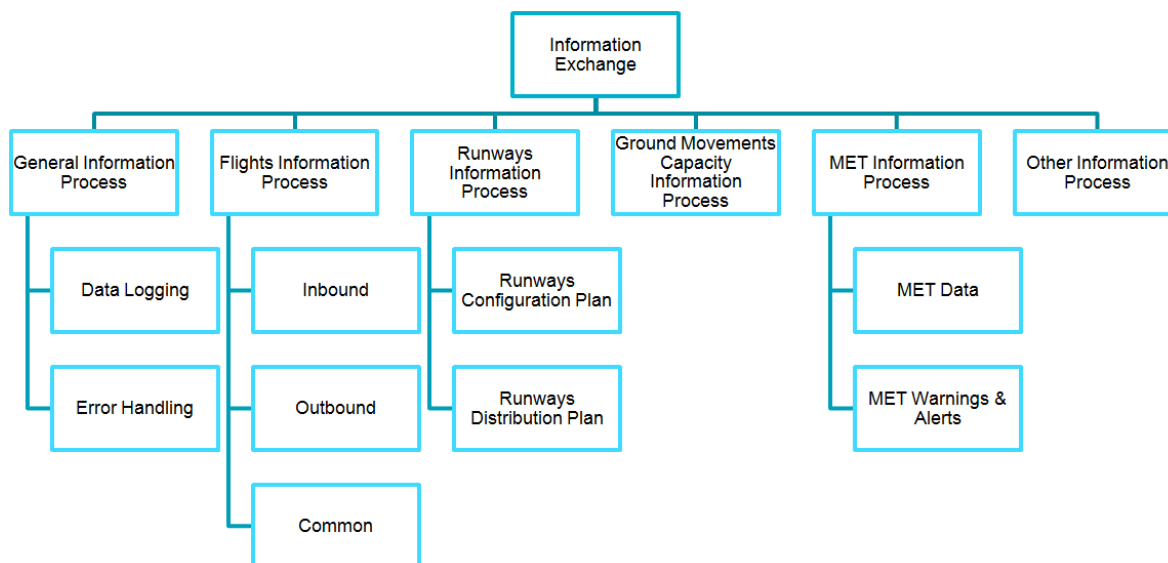
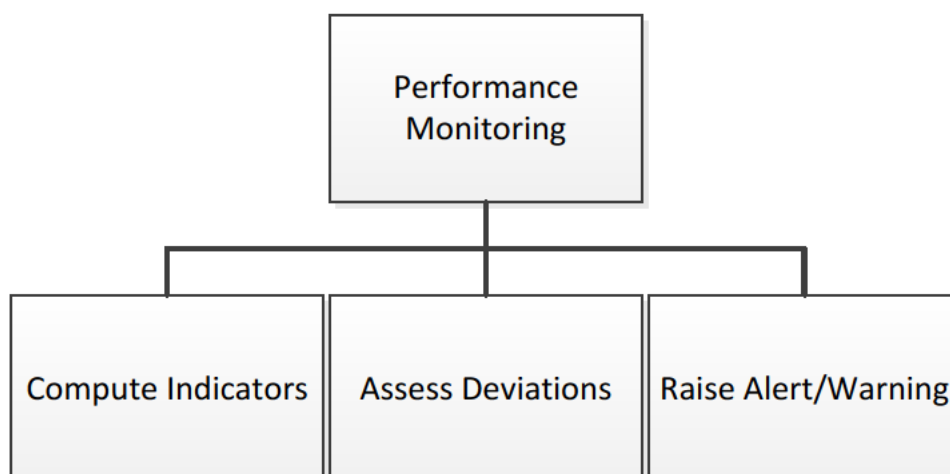


Figure 7: Information Exchange functional breakdown

The functional breakdown for the **Performance Monitoring** functionality is the following.



**Figure 8: Performance Monitoring functional breakdown**

Each module is described in chapter 2.6.2.

## 2.6.2 Functional analysis

### 2.6.2.1 Information Exchange functionality

The figure in previous chapter depicts the modules and its decomposition within the main functions and functionalities.

This functional analysis describes the relations between the different modules, its functions and the data involved in such process.

- **General Information Process** module is in charge of managing common requirements related to information exchanged in terms of:
  - Data Logging
  - Error Handling
- **Flights Information Process** module is in charge of managing and handling information exchanged related to flights.
- **Runways Information Process** module is in charge of managing and handling information exchanged related to runways capacity and configuration.
- **Ground Movements Capacity Information Process** module is in charge of managing and handling information exchanged related to ground movements capacity.
- **MET Information Process** module is in charge of managing and handling all meteorological information exchanged.
- **Other Information Process** module is in charge of managing and handling information exchanged not included in the previous groups of information.

Requirements for each identified module are analyzed and described in detail in chapter 3.

## 2.6.2.2 Performance Monitoring functionality

The **Figure 8**: provides the functional breakdown in modules and its decomposition within the main functions and functionalities.

This functional analysis describes the relations between the different modules, its functions and the data involved in such process.

- **Compute Indicators Module:** Extraction of all necessary data and calculate metrics
- **Assess Deviation function:** Determination of a potential deviation leading to a warning or alert
- **Raise Alert/Warning function:** Publication of the warning or the alert in the appropriate HMI

The Performance Monitoring and its modules are described and analysed in the following paragraph.

The Performance Monitoring Module 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 addresses both the planning phase (medium and short Term Planning phases) and the execution phase.

The Performance Monitoring Module relies on detecting and assessing deviations from different airport processes. This includes the initial assessment of the detected deviations / disturbances to determine the impact on the Key Performance Indicators. When threshold levels are exceeded, alerts & warnings are initiated and provided to the (relevant) stakeholder(s).

Therefore, the Performance Monitoring module provides two main outputs:

1. The common situational awareness of the actual overall airport situation (through publishing values of the several monitoring sources included in the Airport Performance Monitoring)
2. Alert / warning messages, after comparing the actual overall airport situation with the planned operations and the Airport Performance Baseline.

Following, the definition for airport warnings and alerts:

- **Warning:** it refers to a KPIs deviation from its target which indicates tendency of degraded performance. The threshold is established where there is still headroom before achieving the maximum “acceptable” level to raise an alert; in fact it works as a pre-alert.
- **Alert.** It covers:
  - **Process Alert:** it refers to a process evolution. Isolated, this kind of alert may not have a direct impact on the **Actual Airport Performance Framework** in deep way, but it will impact on the AOP evolution.
  - **Performance Alert:** it refers to an important deviation on KPIs targets which requires an immediate action. This kind of alert will be raised when the maximum threshold established for a KPI is exceeded.
  - While Process Alerts (and warnings) are generated on a flight by flight basis, Performance Alerts (and Warnings) are mostly related to pan-airport performance, or substantial portions thereof

The Performance Monitoring interacts with two other modules, out of the scope of this project:

- **Steer Airport Performance:** This module provides in input to the Performance Monitoring the list of parameters to compare and how the KPA / KPI / PDI must be calculated.
- **Manage Airport Performance:** This module take in input the warning/alert messages generated by the Performance Monitoring module.

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### 2.6.2.2.1 Compute Indicators

The Compute Indicators module integrates two different approaches:

1. **A process approach:** it includes the three process sub-monitors (aircraft, passengers and baggage / cargo). It shows the actual situation of the three processes and it compares them with the planned situation<sup>1</sup>.
2. **A performance approach:** it includes the key performance indicators (KPIs) and performance driver indicators (PDIs) from the Current Airport Performance Framework. It gathers the necessary data from the AOP and from stakeholders' databases and continuously evaluates and/or forecasts indicators based on the selection and algorithms defined through the Steer Airport Performance service.

The main functionalities allocated to this module are mainly the retrieve of the value needed for the KPA / KPI / PDI calculation, the calculation of the metrics and the update of the metrics. The definition of the necessary data is provided by the Rule Engine.

### 2.6.2.2.2 Assess Deviations

The Assess Deviations module compares, on one hand, the values of monitored KPIs and PDIs with the set of thresholds and target values defined in the Airport Performance Baseline and, in the other hand, it compares the actual values of the operation day with the planned values (regarding KPIs, PDIs and process sub-monitor). This assessment is delivered to the Raise Alert/Warning module.

The main functionalities allocated to this module are mainly the comparison of the values with the alert or warning level. The rule that must be analysed to do the comparison are provided by the Rule Engine.

### 2.6.2.2.3 Raise Alert/Warning

The Raise Alert/Warning module triggers the appropriate level of alert / warning, based on the findings of Assess Deviations process, informing the relevant stakeholder and prompting him/her to react when necessary and/or triggering the Manage Airport Performance module.

The main functionalities allocated to this module are mainly the publication of the values indicating warning or alert.

## 2.7 Service View

N/A.

---

<sup>1</sup> The reference for the process sub-monitors definition can be found in D09 of P.6.5.1



## 3 Functional block Functional and non-Functional Requirements

### 3.1 Functionalities

As indicated previously, two main functionalities have been identified:

- **Information Exchange** functionality
- **Performance Monitoring** functionality

The following chapters describe functional requirements for Information Exchange functionality according to functional breakdown defined in chapter 2.6.1, while the requirement related to the Performance Monitoring functionality was deleted because they are introduced in the TS of project 12.07.03.

#### 3.1.1 Information Exchange

This chapter contains all the requirements relating to the sharing of information with external systems under the scope of the project

##### 3.1.1.1 General Information Process

General information requirements are those concerning the generic behaviour of the prototype.

###### 3.1.1.1.1 Data Logging

Data logging is a very important part for verification of the prototype and helps to determine the causes of any problems that may arise.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0020</i>
Requirement	The ASDI system shall log the timestamp (UTC and local) for each message received from the source systems.
Title	Data logging. Timestamp
Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Data logging process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0030</i>
Requirement	The ASDI system shall log the source system for each message received
Title	Data logging. Source System

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Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Data logging process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0040</i>
Requirement	The ASDI system shall log the Identification of the related ATV (when applicable) for each message received from the source systems.
Title	Data logging. ATV identification
Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Data logging process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0050</i>
Requirement	The ASDI system shall log the Information Element name for each message received from the source systems.
Title	Data Logging, Information element name
Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Data logging process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0060</i>
Requirement	The ASDI system shall log the Information Element Value for each message received from the source systems.
Title	Data logging. Information element value
Status	<In Progress>

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Rationale	The requirement has been written in this way to specify the ASDI Data logging process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0070</i>
Requirement	The ASDI system shall log the old data value of the related data for each message received from the source systems.
Title	Data logging. Old data
Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Data logging process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0080</i>
Requirement	The ASDI system shall log the resultant ATV (when applicable) for each message received from the source systems-
Title	Data logging. ATV resultant
Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Data logging process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.1.2 Error Handling

Error handling aims to reflect any problem detected by the prototype during the process of information received.

[REQ]

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Identifier	<i>REQ-12.06.07-TS-IEGI.0090</i>
Requirement	The ASDI system shall log the timestamp (UTC and local) for each invalid message received from the source systems
Title	Error handling. Timestamp
Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Error Handling process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0100</i>
Requirement	The ASDI system shall log the source system for each invalid message received
Title	Error handling. Source System
Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Error Handling process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0110</i>
Requirement	The ASDI system shall log the dismiss Information Element for each invalid message received from the source systems
Title	Error Handling. Dismiss Information element
Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Error Handling process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGI.0120</i>
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Requirement	The ASDI system shall log the reason to dismiss an Information Element (incorrect format, incorrect identification code, lack of information, etc.) for each invalid message received from the source systems
Title	Error Handling.Dismiss Reason
Status	<In Progress>
Rationale	The requirement has been written in this way to specify the ASDI Error Handling process
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.01-SPR-POPS.0001	
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2 Flights Information Process

This chapter contains the requirements concerning information exchange related to Flights.

#### 3.1.1.2.1 To AOP/A-CDM

##### 3.1.1.2.1.1 Inbound

Inbound data is the information directly associated with the arrival flight of the trajectory.

##### 3.1.1.2.1.1.1 ELDT

Estimated Landing Time: the estimated time that an aircraft will touchdown on the runway. (Equivalent to ATC ETA –Estimated Time of Arrival = landing).

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0010</i>
Requirement	The ASDI system shall receive the ELDT of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	ELDT Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ELDT is one of the data that the ASDI prototype has to exchange in order to estimate the aircraft landing time.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0201	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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### 3.1.1.2.1.1.2 TLDT

Target Landing Time: targeted Time from the Arrival management process at the threshold, taking runway sequence and constraints into account. It is not a constraint but a progressively refined planning time used to coordinate between arrival and departure management processes.

Each TLDT on one runway is separated from other TLDT or TTOT to represent vortex and/or SID separation between aircrafts.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0030
Requirement	The ASDI system shall receive the TLDT of each flight from AMAN and shall forward this information to the AOP/A-CDM platform.
Title	TLDT Reception & Forwarding from AMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The TLDT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0202	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.3 ALDT

Actual Landing Time: the time that an aircraft lands on a runway (Equivalent to ATC ATA –Actual Time of Arrival = landing, ACARS=ON).

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0050
Requirement	The ASDI system shall receive the ALDT of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	ALDT Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ALDT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

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### 3.1.1.2.1.1.4 FLDT

Forecasted Landing Time: the forecasted time that an aircraft will touchdown on the runway. (Forecasted Time of Arrival = landing).

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0051
Requirement	The ASDI system shall receive the FLDT of each flight from RMAN and shall forward this information to the AOP/A-CDM platform.
Title	FLDT Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The FLDT is one of the data that the ASDI prototype has to exchange in order to estimate the aircraft landing time.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0390 REQ-06.05.03-OSED-DCBS.0530	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.5 EXIT

Estimated Taxi-In Time: the estimated taxi time between landing and in-block.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0060
Requirement	The ASDI system shall receive the EXIT of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	EXIT Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The EXIT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0226	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.6 STAR

Standard Arrival Route.

[REQ]

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Identifier	REQ-12.06.07-TS-IEFI.0070
Requirement	The ASDI system shall receive the STAR of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	STAR Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The STAR is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0505	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.7 FIR Status

The flight entered Local FIR.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0090
Requirement	The ASDI system shall receive the FIR status of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	FIR Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The FIR STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0004	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.8 TMA Status

The flight entered Local TMA.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0095
Requirement	The ASDI system shall receive the TMA status of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.

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Title	TMA Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The TMA STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0004	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.9 FNL Status

The flight entered final approach.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0100</i>
Requirement	The ASDI system shall receive the FNL status of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	FNL Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The FNL STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0006	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.10 TXI Status

The aircraft is on ground and rolling to the stand.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0110</i>
Requirement	The ASDI system shall receive the TXI status of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	TXI Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform.

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	The TXI STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0007	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.11 IBK Status

The aircraft is on the stand.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0120</i>
Requirement	The ASDI system shall receive the IBK status of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	IBK Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The IBK STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0008	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.12 IDH Status

Indefinite Holding – The flight has an indefinite holding, (unable to continue the approach).

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0130</i>
Requirement	The ASDI system shall receive the IDH status of each flight from aFDP and shall forward this information to the AOP platform.
Title	IDH Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The IDH STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0022	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.13 DIV Status

Diverted – The flight has been diverting.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0140</i>
Requirement	The ASDI system shall receive the DIV status of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	DIV Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The DIV STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0023	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.14 GOA Status

Go-around – The flight has made a go-around: an aborted landing of an aircraft that is on final approach.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0150</i>
Requirement	The ASDI system shall receive the GOA status of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	GOA Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The GOA STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0024	<Full>

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<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.15 TTA

TTA: Target Time of Arrival (inbound flight). TTA is an arrival time, progressively refined planning time that is used to coordinate between arrival and departure management applications

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0160
Requirement	The ASDI system shall receive the TTA of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	TTA Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The TTA is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0101	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.16 AIBT

AIBT: Actual In-Block Time. The actual date and time when the parking brakes have been engaged at the parking position.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0170
Requirement	The ASDI system shall receive the AIBT of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	AIBT Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The AIBT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0207	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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### 3.1.1.2.1.1.17 AIAT

AIAT: Actual Initial Approach Fix Time - or metering Fix

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0180
Requirement	The ASDI system shall receive the AIAT of each flight from AMAN and shall forward this information to the AOP/A-CDM platform.
Title	AIAT Reception & Forwarding from AMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. AIAT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0106	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.18 ASET

ASET – Actual Stack Entry Time. Time when the aircraft joined the air holding stack

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0190
Requirement	The ASDI system shall receive the ASET of each flight from AMAN and shall forward this information to the AOP/A-CDM platform.
Title	ASET Reception & Forwarding from AMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ASET is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0107	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.19 ASXT

ASXT - Actual Stack eXit Time. Time when the aircraft departed the air holding stack

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0200
Requirement	The ASDI system shall receive the ASXT of each flight from AMAN and shall forward this information to the AOP/A-CDM platform.

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Title	ASXT Reception & Forwarding from AMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ASXT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0108	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.20 AFAT

AFAT - Actual Time at the Final Approach Fix or Final Metering Fix point. The actual time which the final approach (IFR) to an airport is executed and which identifies the beginning of the final approach segment.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0210</i>
Requirement	The ASDI system shall receive the AFAT of each flight from AMAN and shall forward this information to the AOP/A-CDM platform.
Title	AFAT Reception & Forwarding from AMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The AFAT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0106	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.21 ROT - arrival

ROT - Runway Occupancy Time – Arrival. The amount of time that each aircraft occupies the runway. For an arrival flight, the interval between the aircraft crossing the threshold and its tail vacating the runway

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0220</i>
Requirement	The ASDI system shall receive the arrival ROT (actual & target) of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.

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Title	Arrival ROT (actual & target) Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ROT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0204	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.22 AXIT

AXIT - Actual Taxi-In Time, Time difference between the Actual in-block time (AIBT) minus the Actual landing time (ALDT)

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0230</i>
Requirement	The ASDI system shall receive the AXIT of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	AXIT Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The AXIT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0227	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.23 RWYARR

RWYARR - Runway Identifier of the assigned Runway to be used for Arrival

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0240</i>
Requirement	The ASDI system shall receive the RWYARR of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	RWYARR Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-

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	CDM platform. The RWYARR is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0502	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.24 Rwy\_Exit

Runway Exit identifier - Runway Exit to be used - assigned / agreed runway exit

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0250</i>
Requirement	The ASDI system shall receive the RWY_Exit of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	RWY Exit Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The RWY_Exit is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0507	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.25 Taxi Route - arrival

Taxi route identifier - Allocated Taxi Route, a predefined path from a runway to an Aircraft Stand (and vice versa). A taxi route is a sequence of taxiways

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0260</i>
Requirement	The ASDI system shall receive the arrival Taxi Route of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	Arrival Taxi Route Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Taxi Route is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0513	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.1.26 Arrival Separation

Arrival Separation: measure for arrival spacing efficiency. Actual Landing Spacing versus minimum required Landing Separation (for pre-defined time frames)

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0270</i>
Requirement	The ASDI system shall receive the Arrival Separation of each flight from AMAN and shall forward this information to the AOP/A-CDM platform.
Title	Arrival Separation Reception & Forwarding from AMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Arrival Separation is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0207	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2 Outbound

Outbound data is the information directly associated with the departure flight of the trajectory

#### 3.1.1.2.1.2.1 TOBT

Target Off-Block Time: the time that an Aircraft Operator or Ground Handler estimates that an aircraft will be ready, all doors closed, boarding bridge removed, push back vehicle available and ready to start up / push back immediately upon reception of clearance from the TWR.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0280</i>
Requirement	The ASDI system shall be able to send the TOBT of each flight to DMAN.
Title	TOBT Reception & Forwarding to DMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from AOP/A-CDM platform. The TOBT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.2 TSAT

Target Start Up Approval Time: the time provided by ATC taking into account TOBT, CTOT and/or the traffic situation that an aircraft can expect start up / push back approval.

Note: The actual start up approval (ASAT) can be given in advance of TSAT

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0290</i>
Requirement	The ASDI system shall receive the TSAT of each flight from DMAN and shall forward this information to the AOP/A-CDM platform.
Title	TSAT Reception & Forwarding from DMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The TSAT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0216	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.3 ASAT

Actual Start Up Approval Time: time that an aircraft receives its start up approval.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0300</i>
Requirement	The ASDI system shall receive the ASAT of each flight from DMAN and shall forward this information to the AOP/A-CDM platform.
Title	ASAT Reception & Forwarding from DMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ASAT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0217	<Full>

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<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.4 TTOT

Target Take Off Time taking into account the TOBT/TSAT plus the EXOT.

Each TTOT on one runway is separated from other TTOT or TLDT to represent vortex and/or SID separation between aircraft.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0310
Requirement	The ASDI system shall receive the TTOT of each flight from DMAN and shall forward this information to the AOP/A-CDM platform.
Title	TTOT Reception & Forwarding from DMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The TTOT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0221	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.5 ATOT

Actual Take Off Time: the time that an aircraft takes off from the runway. (Equivalent to ATC ATD– Actual Time of Departure, ACARS = OFF).

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0320
Requirement	The ASDI system shall receive the ATOT of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	ATOT Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ATOT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0223	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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### 3.1.1.2.1.2.6 FTOT

Forecasted Take Off Time: the Forecasted time that an aircraft takes off from the runway.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0321
Requirement	The ASDI system shall receive the FTOT of each flight from RMAN and shall forward this information to the AOP/A-CDM platform.
Title	ATOT Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The FTOT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0390 REQ-06.05.03-OSED-DCBS.0530	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.7 EXOT

Estimated Taxi-Out Time: the estimated taxi time between off-block and take off. This estimate includes any delay buffer time at the holding point or remote de-icing prior to take off.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0330
Requirement	The ASDI system shall receive the EXOT of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	EXOT Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The EXOT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0228	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.8 SID

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Standard Instrument Departure: published flight procedures followed by aircraft on an IFR flight plan immediately after take-off from an airport.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0340
Requirement	The ASDI system shall receive the SID of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	SID Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The SID is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0506	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.9 OBK Status

The aircraft is rolling to departure runway (from either the stand or the de-icing remote position).

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0350
Requirement	The ASDI system shall receive the OBK status of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	OBK Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The OBK STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0014	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.10 DEP Status

The aircraft has taken off from the airport (flight departed or Airborne)

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0360
Requirement	The ASDI system shall receive the DEP status of each flight from aFDP

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	and shall forward this information to the AOP/A-CDM platform.
Title	DEP Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The DEP STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0020	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.11 RPO Status

Towing or re-positioning operation - Aircraft is being towed or is taxiing from another stand (e.g. maintenance position, engine test)

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0370</i>
Requirement	The ASDI system shall receive the RPO status of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	RPO Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The RPO STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0016	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.12 TXO-D Status

De Icing Taxi - The aircraft is rolling to the remote de-icing position

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0380</i>
Requirement	The ASDI system shall receive the TXO-D status of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	TXO-D Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform.

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	The TXO-D STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0018	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.13 RTN (or RET) Status

The aircraft has Returned - Flight returning (before or after airborne)

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0390</i>
Requirement	The ASDI system shall receive the RTN (or RET) status of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	RTN (or RET) Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The RTN (or RET) STATUS is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0025	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.14 AOBT

AOBT - Actual Off-Block Time. The actual date and time the aircraft has vacated the parking position (pushed back or on its own power).

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0400</i>
Requirement	The ASDI system shall receive the AOBT of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	AOBT Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The AOBT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0213	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.15 ARDT

ARDT - Actual Ready Time. When the aircraft is ready for pushback or taxi immediately after clearance delivery, meeting the requirements set by the TOBT definition

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0410</i>
Requirement	The ASDI system shall receive the ARDT of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	ARDT Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ARDT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0214	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.16 ASRT

ASRT - Actual Start-Up Request Time. The time when the pilot requests start-up clearance.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0420</i>
Requirement	The ASDI system shall receive the ASRT of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	ASRT Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ASRT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0215	<Full>

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<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.17 ROT - departure

Runway Occupancy Time – departure. The interval between the aircraft crossing the stop bar at the holding point and the main gear lift-off from the runway.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0430</i>
Requirement	The ASDI system shall receive the departure ROT (actual & target) of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	Departure ROT Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The ROT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0224	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.18 AXOT

AXOT - Actual Taxi-Out Time. Time difference between the Actual take off time (ATOT) minus the Actual off-block time (AOBT).

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEFI.0440</i>
Requirement	The ASDI system shall receive the AXOT of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	AXOT Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The AXOT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0229	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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### 3.1.1.2.1.2.19 RWYDEP

RWYARR - Runway Identifier of the assigned Runway to be used for Departure

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0240
Requirement	The ASDI system shall receive the RWYDEP of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	RWYARR Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The RWYDEP is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0504	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.20 RWY\_Entry

RWY Entry Identifier: runway entry to be used - Assigned Take Off-intersection.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0450
Requirement	The ASDI system shall receive the RWY_entry of each flight from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	RWY_Entry Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The RWY_entry is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0508	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.21 Taxi Route - departure

Taxi route identifier - Allocated Taxi Route, a predefined path from a runway to an Aircraft Stand (and vice versa). A taxi route is a sequence of taxiways

[REQ]

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Identifier	REQ-12.06.07-TS-IEFI.0460
Requirement	The ASDI system shall receive the departuer Taxi Route of each flight from SMAN and shall forward this information to the AOP/A-CDM platform.
Title	Departure Taxi Route Reception & Forwarding from SMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Taxi Route is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0513	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.1.2.22 Departure Separation

Departure Separation: measure for departure spacing efficiency. Actual departure Spacing versus minimum required Departure Separation (for pre-defined time frames)

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0470
Requirement	The ASDI system shall receive the Departure Separation of each flight from DMAN and shall forward this information to the AOP/A-CDM platform.
Title	Departure Separation Reception & Forwarding from DMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Departure Separation is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0208	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2 From AOP/A-CDM

#### 3.1.1.2.2.1 Inbound

##### 3.1.1.2.2.1.1 ADEP

ADEP is the Aerodrome of departure (ICAO) for the arrival flight of the trajectory.

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[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31347
Requirement	The ASDI system shall be able to receive ADEP for each arrival flight of the trajectories from AOP/A-CDM platform, and shall forward this information to RMAN
Title	ADEP Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The ADEP is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.2 DEP

DEP is the Aerodrome of departure (IATA) for the arrival flight of the trajectory.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31562
Requirement	The ASDI system shall be able to receive DEP for each arrival flight of the trajectories from AOP/A-CDM platform, and shall forward this information to RMAN
Title	DEP Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The DEP is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.3 Flight ID

Flight ID is the IATA flight identification of the arrival flight of the trajectory.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31358
Requirement	The ASDI system shall be able to receive the Flight ID for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Flight ID Reception & Forwarding to RMAN
Status	<In Progress>

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Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Flight ID is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.4 Callsign

Callsign is the ICAO flight identification of the arrival flight of the trajectory.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31548
Requirement	The ASDI system shall be able to receive the Callsign for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Callsign Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Callsign is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.5 SIBT

SIBT is the Scheduled In-block time associated to the arrival flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31365
Requirement	The ASDI system shall be able to receive the SIBT for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	SIBT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The SIBT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.6 Aircraft Type (ICAO)

This is the ICAO type of aircraft that operates the arrival flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31372
Requirement	The ASDI system shall be able to receive the Aircraft Type (ICAO) for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Aircraft Type (ICAO)Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Aircraft Type (ICAO) is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.7 Aircraft Type (IATA)

This is the IATA type of aircraft that operates the arrival flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31583
Requirement	The ASDI system shall be able to receive the Aircraft Type (IATA) for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Aircraft Type (IATA)Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Aircraft Type (IATA) is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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### 3.1.1.2.2.1.8 Registration

Registration is the identification of the aircraft that operates the arrival flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31379
Requirement	The ASDI system shall be able to receive the Registration for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Registration Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Registration is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.9 Wake Turbulence Category

Wake Turbulence Category is the classification of the aircraft taking into account the maximum certificated take-off mass

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31387
Requirement	The ASDI system shall be able to receive the Wake Turbulence Category for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Wake Turbulence Category Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Wake Turbulence Category is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.10 STAR

STAR is the Initial approach fix

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31394
Requirement	The ASDI system shall be able to receive the STAR for each arrival flight of

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	the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	STAR Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The STAR is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.11 SLDT

SLDT is the scheduled landing time for the arrival flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31404
Requirement	The ASDI system shall be able to receive the SLDT for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	SLDT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The SLDT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.12 ELDT

ELDT is the estimated landing time for the arrival flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31410
Requirement	The ASDI system shall be able to receive the ELDT for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	ELDT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The ELDT is one of the information that RMAN needs to receive from AOP/A-CDM.

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.13 TLDT

TLDT is the target landing time for the arrival flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31416
Requirement	The ASDI system shall be able to receive the TLDT for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	TLDT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The TLDT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.1.14 ALDT

ALDT is the actual landing time for the arrival flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31422
Requirement	The ASDI system shall be able to receive the ALDT for each arrival flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	ALDT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The ALDT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2 Outbound

#### 3.1.1.2.2.2.1 ADES

ADES is the Aerodrome of destination (ICAO) for the departure flight of the trajectory.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31437
Requirement	The ASDI system shall be able to receive ADES for each departure flight of the trajectories from AOP/A-CDM platform, and shall forward this information to RMAN
Title	ADES Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The ADES is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

#### 3.1.1.2.2.2.2 DES

DES is the Aerodrome of destination (IATA) for the departure flight of the trajectory.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31569
Requirement	The ASDI system shall be able to receive DES for each departure flight of the trajectories from AOP/A-CDM platform, and shall forward this information to RMAN
Title	DES Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The DES is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

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### 3.1.1.2.2.2.3 Flight ID

Flight ID is the IATA flight identification of the departure flight of the trajectory.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31444
Requirement	The ASDI system shall be able to receive the Flight ID for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Flight ID Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Flight ID is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.4 Callsign

Callsign is the ICAO flight identification of the departure flight of the trajectory.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31555
Requirement	The ASDI system shall be able to receive the Callsign for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Callsign Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Callsign is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.5 SOBT

SOBT is the Scheduled Off-block time associated to the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31451
Requirement	The ASDI system shall be able to receive the SOBT for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward

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	this information to RMAN.
Title	SOBT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The SOBT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.6 Aircraft Type (ICAO)

This is the ICAO type of aircraft that operates the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31458
Requirement	The ASDI system shall be able to receive the Aircraft Type (ICAO) for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Aircraft Type (ICAO)Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Aircraft Type (ICAO) is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.7 Aircraft Type (IATA)

This is the IATA type of aircraft that operates the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31576
Requirement	The ASDI system shall be able to receive the Aircraft Type (IATA) for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Aircraft Type (IATA)Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Aircraft Type (IATA) is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.8 Registration

Registration is the identification of the aircraft that operates the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31465
Requirement	The ASDI system shall be able to receive the Registration for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Registration Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Registration is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.9 Wake Turbulence Category

Wake Turbulence Category is the classification of the departure taking into account the maximum certificated take-off mass

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31472
Requirement	The ASDI system shall be able to receive the Wake Turbulence Category for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	Wake Turbulence Category Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The Wake Turbulence Category is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.10 SID

SID is the departure procedures associated to the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31479
Requirement	The ASDI system shall be able to receive SID for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	SID Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The SID is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	Test

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.11 EOBT

EOBT is the estimated off-block time of the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31499
Requirement	The ASDI system shall be able to receive EOBT for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	EOBT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The EOBT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	Test

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.12 ETOT

ETOT is the estimated take-off time of the departure flight of the trajectory

[REQ]

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Identifier	REQ-12.06.07-TS-IEFI.31511
Requirement	The ASDI system shall be able to receive ETOT for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	ETOT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The ETOT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	Test

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.13 TTOT

TTOT is the estimated take-off time of the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31517
Requirement	The ASDI system shall be able to receive TTOT for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	TTOT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The TTOT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	Test

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.14 STOT

STOT is the scheduled take-off time of the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31523
Requirement	The ASDI system shall be able to receive STOT for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	STOT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from

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	AOP/A-CDM platform to RMAN. The STOT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	Test

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.15 ATOT

ATOT is the actual take-off time of the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31529
Requirement	The ASDI system shall be able to receive ATOT for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	ATOT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The ATOT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	Test

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.16 CTOT

CTOT is the controlled take-off time of the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31535
Requirement	The ASDI system shall be able to receive CTOT for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	CTOT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The CTOT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	Test

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0011	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.2.17 TOBT

Target Off-Block Time: the time that an Aircraft Operator or Ground Handler estimates that an aircraft will be ready, all doors closed, boarding bridge removed, push back vehicle available and ready to start up / push back immediately upon reception of clearance from the TWR.

[REQ]

Identifier	
Requirement	The ASDI system shall be able to send the TOBT of each flight to DMAN.
Title	TOBT Reception & Forwarding to DMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from AOP/A-CDM platform. The TOBT is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

TOBT is the target off-block time of the departure flight of the trajectory

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.31541
Requirement	The ASDI system shall be able to receive TOBT for each departure flight of the trajectories from the AOP/A-CDM platform, and shall forward this information to RMAN.
Title	TOBT Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible of the forwarding of information from AOP/A-CDM platform to RMAN. The TOBT is one of the information that RMAN needs to receive from AOP/A-CDM.
Category	<Functional>
Validation Method	
Verification Method	Test

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.03-OSED-DCBS.0010	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.2.2.3 Common

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Common data is the information not directly associated with the arrival flight or the departure flight of the trajectory

### 3.1.1.2.2.3.1 Stand Allocation

Parking stand allocated to the flight by the Airport Operator. Operational Use of Stands.

[REQ]

Identifier	REQ-12.06.07-TS-IEFI.0480
Requirement	The ASDI system shall receive the Stand Allocation Plan for each flight from AOP/A-CDM platform and shall forward this information to the aFDP.
Title	Stand Allocation Reception & Forwarding to aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update of Stand Allocation of each flight and to forward them to aFDP. The STAND Allocation is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0500	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

## 3.1.1.3 Runways Information Process

This chapter contains the requirements concerning information exchange related to Runways.

### 3.1.1.3.1 To AOP/A-CDM

#### 3.1.1.3.1.1 Runway Configuration Plan

Runway Configuration for each pre-selected time period

List of all possible / practical runway combinations and associated capacities (total, landings, take-offs) for each selected time-period (e.g. night time, daytime, inbound peaks, etc) and relevant operating conditions (e.g. LVP).

[REQ]

Identifier	REQ-12.06.07-TS-IERI.0020
Requirement	The ASDI system shall receive the Runway Configuration Plan from RMAN and shall forward this information to the AOP/A-CDM platform.
Title	Runway Configuration Plan Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-

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	CDM platform. The Runway Configuration Plan is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0300	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.3.1.2 Runway Distribution Plan

#### 3.1.1.3.1.2.1 Allocated Runway Use Distribution Plan - Practical capacity

Chosen (allocated) Distribution of inbound and outbound capacities over landing and take-off runways.

Both actual and forecasted **Practical** runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period ahead

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0050</i>
Requirement	The ASDI system shall receive the Allocated Runway Use Distribution Plan - Practical capacity from RMAN and shall forward this information to the AOP platform.
Title	Allocated Runway Use Distribution Plan - Practical capacity Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Allocated Runway Use Distribution Plan - Practical capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0302	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

#### 3.1.1.3.1.2.2 Manual input Runway Use Distribution Plan Indicator

Indicator if the actual / forecasted runway use distribution Plan is the result of the advised DCB solution or a manual input / correction by the Airport Tower.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0090</i>
Requirement	The ASDI system shall receive the Manual input Runway Use Distribution

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	Plan Indicator from RMAN and shall forward this information to the AOP/A-CDM platform.
Title	Manual input Runway Use Distribution Plan Indicator Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Manual input Runway Use Distribution Plan Indicator is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0303	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.3.1.2.3 Reason for Reduced Runway Capacity - code

Code of the reason for the reduction of runway capacity.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0100</i>
Requirement	The ASDI system shall receive the Reason for Reduced Runway Capacity - code from RMAN and shall forward this information to the AOP/A-CDM platform.
Title	Reason for Reduced Runway Capacity - code Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Reason for Reduced Runway Capacity - code is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0707	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.3.1.2.4 Reason for Reduced Runway Capacity - description

Description of the reason for the reduction of runway capacity.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0110</i>
Requirement	The ASDI system shall receive the Reason for Reduced Runway Capacity - description

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	from RMAN and shall forward this information to the AOP/A-CDM platform.
Title	Reason for Reduced Runway Capacity - description Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Reason for Reduced Runway Capacity - description is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0708	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.3.1.2.5 Declared Total Runway Capacity

The declared capacity indicates the number of runways that the coordinator can allocate during the next season.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0120</i>
Requirement	The ASDI system shall receive the Declared Total Runway Capacity from RMAN and shall forward this information to the AOP/A-CDM platform.
Title	Declared Total Runway Capacity Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Declared Total Runway Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0109	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.3.1.2.6 Declared Arrival Runway Capacity

The declared capacity indicates the number of runways (for arrival flights) that the coordinator can allocate during the next season.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0130</i>
Requirement	The ASDI system shall receive the Declared Arrival Runway Capacity from RMAN and shall forward this information to the AOP/A-CDM platform.
Title	Declared Arrival Runway Capacity Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-

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	CDM platform. The Declared Arrival Runway Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0110	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.3.1.2.7 Declared Departure Runway Capacity

The declared capacity indicates the number of runways (for departure flights) that the coordinator can allocate during the next season.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0140</i>
Requirement	The ASDI system shall receive the Declared Departure Runway Capacity from RMAN and shall forward this information to the AOP/A-CDM platform.
Title	Declared departure Runway Capacity Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Declared Departure Runway Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0111	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.3.2 From AOP/A-CDM

#### 3.1.1.3.2.1 Runway Distribution Plan

##### 3.1.1.3.2.1.1 Allocated Runway Use Distribution Plan - Saturation capacity

Chosen (allocated) Distribution of inbound and outbound capacities over landing and take-off runways.

Both actual and forecasted **Saturation** runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period ahead.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0040</i>
Requirement	The ASDI system shall receive the Allocated Runway Use Distribution Plan - Saturation capacity from AOP/A-CDM and shall forward this information to the RMAN.
Title	Allocated Runway Use Distribution Plan - Saturation capacity Reception & Forwarding from RMAN

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Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Allocated Runway Use Distribution Plan - Saturation capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0301	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.3.2.1.2 Allocated Runway Use Distribution Plan - Probability

Forecasted probability of application for the chosen runway use distribution plan

Probability (percentage) of appliance per time interval for predefined time period ahead

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0060</i>
Requirement	The ASDI system shall receive the Allocated Runway Use Distribution Plan - Probability from AOP/A-CDM and shall forward this information to the RMAN.
Title	Allocated Runway Use Distribution Plan - Probability Reception & Forwarding from RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Allocated Runway Use Distribution Plan - Probability is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0306	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.3.2.1.3 Advised Runway Use Distribution Plan – Saturation Capacity

Proposed (performance optimized) Distribution of inbound and outbound capacities over Landing and take-off runways

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0070</i>
Requirement	The ASDI system shall receive the Advised Runway Use Distribution Plan- Saturation Capacity from the AOP/A-CDM platform and shall forward this information to RMAN.
Title	Advised Runway Use Distribution Plan- Saturation Capacity Reception &

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	Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Advised Runway Use Distribution Plan- Saturation Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0304	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.3.2.1.4 Advised Runway Use Distribution Plan – Probability

Description Probability of appliance of proposed (performance optimized) Distribution of inbound and outbound capacities over Landing and take-off runways

[REQ]

Identifier	<i>REQ-12.06.07-TS-IERI.0080</i>
Requirement	The ASDI system shall receive the Advised Runway Use Distribution Plan-Probability from AOP/A-CDM platform and shall forward this information to RMAN.
Title	Advised Runway Use Distribution Plan- Probability Reception & Forwarding to RMAN
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Advised Runway Use Distribution Plan- Probability is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0305	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

## 3.1.1.4 Ground Movements Capacity Information Process

### 3.1.1.4.1 To AOP/A-CDM

#### 3.1.1.4.1.1 Declared Total Ground Movement Capacity

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGM.0010</i>
Requirement	The ASDI system shall receive the Declared Total Ground Movement Capacity

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	from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Declared Total Ground Movement Capacity Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Declared Total Ground Movement Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0117	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.2 Declared Taxi-in Ground Movement Capacity

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGM.0020</i>
Requirement	The ASDI system shall receive the Declared Taxi-in Ground Movement Capacity from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Declared Taxi-in Ground Movement Capacity Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Declared Taxi-in Ground Movement Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0118	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.3 Declared Taxi-out Ground Movement Capacity

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGM.0030</i>
Requirement	The ASDI system shall receive the Declared Taxi-out Ground Movement

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	Capacity from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Declared Taxi-out Ground Movement Capacity Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Declared Taxi-out Ground Movement Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0119	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.4 Default Total Ground Movement Capacity

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGM.0040</i>
Requirement	The ASDI system shall receive the Default Total Ground Movement Capacity from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Default Total Ground Movement Capacity Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Default Total Ground Movement Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0400	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.5 Default Taxi-in Ground Movement Capacity

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGM.0050</i>
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Requirement	The ASDI system shall receive the Default Taxi-in Ground Movement Capacity from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Default Taxi-in Ground Movement Capacity Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Default Taxi-in Ground Movement Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0401	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.6 Default Taxi-out Ground Movement Capacity

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEGM.0060</i>
Requirement	The ASDI system shall receive the Default Taxi-out Ground Movement Capacity from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Default Taxi-out Ground Movement Capacity Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Default Taxi-out Ground Movement Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0402	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.7 Actual Total Ground movement Capacity

[REQ]

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Identifier	REQ-12.06.07-TS-IEGM.0070
Requirement	The ASDI system shall receive the Actual Total Ground Movement Capacity from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Cloud Base (Actual & Forecast Probability) Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Cloud Base (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0403	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.8 Actual Taxi-in Ground Movement Capacity

[REQ]

Identifier	REQ-12.06.07-TS-IEGM.0080
Requirement	The ASDI system shall receive the Actual Taxi-in Ground Movement Capacity from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Actual Taxi-in Ground Movement Capacity Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Actual Taxi-in Ground Movement Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0404	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.9 Actual Taxi-out Ground Movement Capacity

[REQ]

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Identifier	REQ-12.06.07-TS-IEGM.0090
Requirement	The ASDI system shall receive the Actual Taxi-out Ground Movement Capacity from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Actual Taxi-out Ground Movement Capacity Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Actual Taxi-out Ground Movement Capacity is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0405	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.10 Taxi-out Ground Movement Capacity – probability

[REQ]

Identifier	REQ-12.06.07-TS-IEGM.0100
Requirement	The ASDI system shall receive the Taxi-out Ground movement Capacity - Probability from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	the Taxi-out Ground movement Capacity -Probability Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The the Taxi-out Ground movement Capacity -Probability is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0406	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.11 Reason for Reduced Ground Movement Capacity – code

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[REQ]

Identifier	REQ-12.06.07-TS-IEGM.0110
Requirement	The ASDI system shall receive the Reason for Reduced Ground movement Capacity - code from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Reason for Reduced Ground movement Capacity - code Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Reason for Reduced Ground movement Capacity - code is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0703	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.4.1.12 Reason for Reduced Ground Movement Capacity – description

[REQ]

Identifier	REQ-12.06.07-TS-IEGM.0120
Requirement	The ASDI system shall receive the Reason for Reduced Ground movement Capacity - description from aFDP and shall forward this information to the AOP/A-CDM platform.
Title	Reason for Reduced Ground movement Capacity - description Reception & Forwarding from aFDP
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Reason for Reduced Ground movement Capacity - description is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0704	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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### 3.1.1.5 MET Information Process

This chapter contains the requirements concerning information exchange related to MET.

#### 3.1.1.5.1 To AOP/A-CDM

##### 3.1.1.5.1.1 MET Data

MET data refers to critical meteorological parameters that enhance operational decisions.

###### 3.1.1.5.1.1.1 Visibility - Cloud Base

Lowest altitude of the visible portion of the cloud.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0010</i>
Requirement	The ASDI system shall receive the Cloud Base (Actual & Forecast Probability) from MET service provider and shall forward this information to the AOP/A-CDM platform.
Title	Cloud Base (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Cloud Base (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0001	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

###### 3.1.1.5.1.1.2 Visibility - Cloud Amount

Fraction of the sky obscured by clouds when observed from a particular location.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0030</i>
Requirement	The ASDI system shall receive the Cloud Amount (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Cloud Amount (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Cloud Amount (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0003	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.3 Visibility - Vertical

The height above the earth's surface of the lowest layer that is reported as broken or overcast; or, if the sky is totally obscured, the vertical visibility shall be the ceiling.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0050</i>
Requirement	The ASDI system shall receive the Visibility Vertical (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Visibility Vertical (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Visibility Vertical (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0002	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.4 Visibility - Horizontal

The greatest horizontal distance at which selected objects can be seen, identified, and/or measured with instrumentation.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0070</i>
Requirement	The ASDI system shall receive the Visibility Horizontal (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Visibility horizontal (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform.

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	The Visibility horizontal (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0017	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.5 Visibility - RVR

Runway Visual Range is the distance over which a pilot of an aircraft on the centreline of the runway can see the runway surface markings delineating the runway or identifying its centre line.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0090</i>
Requirement	The ASDI system shall receive the RVR (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	RVR (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The RVR (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0018	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.6 Wind - Surface Direction

It is considered to be the direction from which the wind is blowing with reference to true north.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0110</i>
Requirement	The ASDI system shall receive the Surface Wind Direction (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Surface Wind Direction (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform.

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	The Surface Wind Direction (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0004	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.7 Wind - Surface Speed

Horizontal speed of air past a given point reported in surface observations in knots.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0130</i>
Requirement	The ASDI system shall receive the Surface Wind Speed (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Surface Wind Speed (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Surface Wind Speed (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0006	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.8 Wind - Crosswind Speed

Component of wind that is blowing across the runway.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0150</i>
Requirement	The ASDI system shall receive the Crosswind Speed (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Crosswind Speed (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Crosswind Speed (Actual & Forecast Probability) is one of the data that

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	the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0008	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.9 Wind - Headwind Speed

Component of wind that blows against the direction of travel.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0170</i>
Requirement	The ASDI system shall receive the Headwind Speed (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Headwind Speed (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Headwind Speed (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0009	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.10 Wind - Winds aloft mean wind speed

Winds Aloft, officially known as the Winds and Temperatures Aloft Forecast, is a forecast of specific atmospheric conditions in terms of wind and temperature at certain altitudes, typically measured in feet (ft) above mean sea level (MSL). The forecast is specifically used for aviation purposes.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0190</i>
Requirement	The ASDI system shall receive the Winds aloft mean wind speed (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Aloft wind Speed (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform.

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	The Aloft wind Speed (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0011	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.11 Wind - Winds aloft mean wind direction

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0210</i>
Requirement	The ASDI system shall receive the Winds aloft mean wind direction (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Aloft wind direction (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Aloft wind direction (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0012	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.12 Wind - Shear

Difference in wind speed and direction over a relatively short distance in the atmosphere

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0230</i>
Requirement	The ASDI system shall receive the Wind Shear Location (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Wind Shear (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Wind Shear (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0027	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.13 Temperature - 2m

Mean temperature 2 meters above the ground.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0240</i>
Requirement	The ASDI system shall receive the Temperature 2m (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Temperature 2m (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Temperature 2m (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0019	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.14 Temperature - Dew Point

Temperature at which moisture will begin to form on a steel surface.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0260</i>
Requirement	The ASDI system shall receive the Temperature Dew Point (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Temperature Dew Point (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Temperature Dew Point (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0020	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.15 Temperature - Surface

Actual and (at least one) predicted Surface Temperature on all TDZ and (at least one) predicted Surface Temperature representing the runways.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0280</i>
Requirement	The ASDI system shall receive the Temperature Surface (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Temperature Surface (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Temperature Surface (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0021	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.16 Temperature - Low Level Inversion

Occurrence and magnitude of low level temperature inversions (an increase in temperature with height) above determined thresholds.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0300</i>
Requirement	The ASDI system shall receive the Temperature Low Level Inversion (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Temperature Low Level Inversion (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Temperature Low Level Inversion (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0028	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.17 Relative Humidity

The ratio of the existing amount of water vapor in the air at a given temperature to the maximum amount that could exist at that temperature; usually expressed in percent.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0320</i>
Requirement	The ASDI system shall receive the Relative Humidity (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Relative Humidity (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Relative Humidity (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0022	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.18 Precipitation - Type

Actual and predicted precipitation observations type (rain, snow, ...).

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0340</i>
Requirement	The ASDI system shall receive the Precipitation Type (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Precipitation Type (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Precipitation Type (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0023	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.19 Precipitation - Qualitative Intensity

Actual and predicted precipitation observations qualitative intensity (light, moderate, heavy).

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0350</i>
Requirement	The ASDI system shall receive the Precipitation Qualitative Intensity (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Precipitation Qualitative Intensity (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Precipitation Qualitative Intensity (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0023	<Partial>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.20 Precipitation - Quantitative Intensity

Actual and predicted precipitation observations quantitative intensity (mm/h or cm).

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0360</i>
Requirement	The ASDI system shall receive the Precipitation Quantitative Intensity (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Precipitation Quantitative Intensity (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Precipitation Quantitative Intensity (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0023	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.21 Thunderstorm - Type

Type and alignment of thunderstorm [isolated /.../ frequent / squall line].

Actual and predicted Thunderstorm/Lightning data within a locally defined area (default value 120 miles radius around the airport)

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0370</i>
Requirement	The ASDI system shall receive the Thunderstorm Type (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Thunderstorm Type (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Thunderstorm Type (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0025	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.22 Thunderstorm - Intensity

Intensity of thunderstorm [light/moderate/heavy/rain/hail].

Actual and predicted Thunderstorm/Lightning data within a locally defined area (default value 120 miles radius around the airport).

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0380</i>
Requirement	The ASDI system shall receive the Thunderstorm Intensity (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Thunderstorm Intensity (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received

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	from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Thunderstorm Intensity (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0025	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.23 Turbulence situation

Actual and predicted turbulence situation on final approach for each runway in use.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0440</i>
Requirement	The ASDI system shall receive the Turbulence situation (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Turbulence situation (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Turbulence situation (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0026	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.24 QFE

Barometric pressure adjusted to a specific aerodrome or ground level.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0460</i>
Requirement	The ASDI system shall receive the QFE from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	QFE Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The QFE is one of the data that the ASDI prototype has to exchange.

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0015	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

3.1.1.5.1.1.25 QNH

Barometric pressure adjusted to sea level.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0470</i>
Requirement	The ASDI system shall receive the QNH from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	QNH Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The QNH is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0016	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

3.1.1.5.1.1.26 Runway contaminants

Information regarding type and depth of runway contaminants.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0480</i>
Requirement	The ASDI system shall receive the Runway contaminants from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Runway contaminants Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Runway contaminants Plan is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0029	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.1.27 Adverse weather

Immediate information about the occurrence and the severity level of any adverse weather condition at the airport.

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0490</i>
Requirement	The ASDI system shall receive the Adverse weather (Actual & Forecast Probability) from Met service provider and shall forward this information to the AOP/A-CDM platform.
Title	Adverse weather (Actual & Forecast Probability) Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The Adverse weather (Actual & Forecast Probability) is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET3.0001	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.1.5.1.2

### MET Warnings & Alerts

MET related warning and alerts generated according to the Monitoring Rules Engine

[REQ]

Identifier	<i>REQ-12.06.07-TS-IEMI.0510</i>
Requirement	The ASDI system shall receive MET related warnings and alerts from MET system and shall update this information on the AOP/A-CDM platform
Title	Warning / Alert Code Reception & Forwarding from Met Service Provider
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from an external system in a specific Airport and to forward them to AOP/A-CDM platform. The A&W MET Information data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0125	<Partial>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.06.07	N/A
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### 3.1.1.6 Other Information Process

This chapter contains the information exchange requirements that are not allocated to previous groups of information.

#### 3.1.1.6.1 From AOP/A-CDM

##### 3.1.1.6.1.1 Stand Availability Plan

Expected Stand capacity for the day of operation

List of all (planned) available stands and their applicability for specie aircraft types and/or categories. Planned availability of stands may be determined by maintenance work, both terminal and airside (apron/taxiways)

[REQ]

Identifier	REQ-12.06.07-TS-IEOI.0010
Requirement	The ASDI system shall be able to send the Stand Availability Plan to SMAN.
Title	Stand Availability Plan forward
Status	<In Progress>
Rationale	The ASDI prototype is responsible for notifying the update data received from AOP/A-CDM platform. The Stand Availability Plan is one of the data that the ASDI prototype has to exchange.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0501	<Full>
<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

## 3.1.2 Performance Monitoring

### 3.1.2.1 Compute Indicators

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0001
Requirement	The PM shall calculate the "Arrival Punctuality (Predictability)" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Arrival Punctuality (Predictability) Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0002
Requirement	The PM shall calculate the "Arrival Punctuality (Predictability)" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Arrival Punctuality (Predictability) formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0003
Requirement	For the "Arrival Punctuality (Predictability)", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Arrival Punctuality (Predictability) display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0004
Requirement	The PM shall calculate the "Arrival Punctuality (Predictability)" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Arrival Punctuality (Predictability) frequency of calculation
Status	<Deleted>

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Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0005
Requirement	The PM shall distribute the "Arrival Punctuality (Predictability)" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Arrival Punctuality (Predictability) values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0006
Requirement	The PM shall calculate the "Arrival Delay Block" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Arrival Delay Block Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

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Identifier	REQ-12.06.07-TS-PMCI.0007
Requirement	The PM shall calculate the "Arrival Delay Block" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Arrival Delay Block formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0008
Requirement	For the "Arrival Delay Block", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Arrival Delay Block display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0009
Requirement	The PM shall calculate the "Arrival Delay Block" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Arrival Delay Block frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0010
Requirement	The PM shall distribute the "Arrival Delay Block" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Arrival Delay Block values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0011
Requirement	The PM shall calculate the "Arrival Delay Runway" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Arrival Delay Runway Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLID.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0201	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0012
Requirement	The PM shall calculate the "Arrival Delay Runway" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Arrival Delay Runway formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLID.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0201	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0013
Requirement	For the "Arrival Delay Runway", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Arrival Delay Runway display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLID.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0201	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0014
Requirement	The PM shall calculate the "Arrival Delay Runway" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Arrival Delay Runway frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLID.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0201	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0015
Requirement	The PM shall distribute the "Arrival Delay Runway" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Arrival Delay Runway values distribution

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Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLID.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0201	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0016
Requirement	The PM shall calculate the "Air Holding Delay" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Air Holding Delay Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0104	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0017
Requirement	The PM shall calculate the "Air Holding Delay" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Air Holding Delay formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0104	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0108	<Full>

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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0018
Requirement	For the "Air Holding Delay", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Air Holding Delay display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0104	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0019
Requirement	The PM shall calculate the "Air Holding Delay" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Air Holding Delay frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0104	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0020
Requirement	The PM shall distribute the "Air Holding Delay" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Air Holding Delay values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0104	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0021
Requirement	The PM shall calculate the "Apron DCB: Taxi Time In (AXIT / EXIT)" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Apron DCB: Taxi Time In (AXIT / EXIT) Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0207	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0226	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0022
Requirement	The PM shall calculate the "Apron DCB: Taxi Time In (AXIT / EXIT)" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Apron DCB: Taxi Time In (AXIT / EXIT) formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0207	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0226	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0023
Requirement	For the "Apron DCB: Taxi Time In (AXIT / EXIT)", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Apron DCB: Taxi Time In (AXIT / EXIT) display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0207	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0226	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0024
Requirement	The PM shall calculate the "Apron DCB: Taxi Time In (AXIT / EXIT)" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Apron DCB: Taxi Time In (AXIT / EXIT) frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0207	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0226	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0025
Requirement	The PM shall distribute the "Apron DCB: Taxi Time In (AXIT / EXIT)" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Apron DCB: Taxi Time In (AXIT / EXIT) values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0207	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0226	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0026
Requirement	The PM shall calculate the "TMA DCB: STAR Loading Balance " taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	TMA DCB: STAR Loading Balance Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0210	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0027
Requirement	The PM shall calculate the "TMA DCB: STAR Loading Balance " following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	TMA DCB: STAR Loading Balance formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0210	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0028
Requirement	For the "TMA DCB: STAR Loading Balance ", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	TMA DCB: STAR Loading Balance display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the

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	"KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0210	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0029
Requirement	The PM shall calculate the "TMA DCB: STAR Loading Balance " in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	TMA DCB: STAR Loading Balance frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0210	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0030
Requirement	The PM shall distribute the "TMA DCB: STAR Loading Balance " values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	TMA DCB: STAR Loading Balance values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0210	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0031
Requirement	The PM shall calculate the "Gate Conflict Alert" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Gate Conflict Alert Inputs

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Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0206	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0510	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0512	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0032
Requirement	The PM shall calculate the "Gate Conflict Alert" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Gate Conflict Alert formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0206	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0510	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0512	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0033
Requirement	For the "Gate Conflict Alert", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Gate Conflict Alert display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0206	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0510	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0512	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>

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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0034
Requirement	The PM shall calculate the "Gate Conflict Alert" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Gate Conflict Alert frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0206	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0510	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0512	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0035
Requirement	The PM shall distribute the "Gate Conflict Alert" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Gate Conflict Alert values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0206	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0510	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0512	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0036
Requirement	The PM shall calculate the "Departure Punctuality (Predictability)" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Departure Punctuality (Predictability) Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.

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Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<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-FLTP.0213	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0037
Requirement	The PM shall calculate the "Departure Punctuality (Predictability)" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Departure Punctuality (Predictability) formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<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-FLTP.0213	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0038
Requirement	For the "Departure Punctuality (Predictability)", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Departure Punctuality (Predictability) display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<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-FLTP.0213	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0039
Requirement	The PM shall calculate the "Departure Punctuality (Predictability)" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Departure Punctuality (Predictability) frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<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-FLTP.0213	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0040
Requirement	The PM shall distribute the "Departure Punctuality (Predictability)" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Departure Punctuality (Predictability) values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<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-FLTP.0213	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0046
Requirement	The PM shall calculate the "Departure Delay Runway" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Departure Delay Runway Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.

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Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLID.0106	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0047
Requirement	The PM shall calculate the "Departure Delay Runway" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Departure Delay Runway formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0106	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0107	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0051
Requirement	The PM shall calculate the "Departure Delay" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Departure Delay Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems."
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0052
Requirement	The PM shall calculate the "Departure Delay" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Departure Delay formulas

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Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0053
Requirement	For the "Departure Delay", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Departure Delay display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0054
Requirement	The PM shall calculate the "Departure Delay" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Departure Delay frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0055
Requirement	The PM shall distribute the "Departure Delay" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".

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Title	Departure Delay values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0110	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0056
Requirement	The PM shall calculate the "TSAT not respected by ATC" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	TSAT not respected by ATC Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0057
Requirement	The PM shall calculate the "TSAT not respected by ATC" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	TSAT not respected by ATC formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0058
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Requirement	For the "TSAT not respected by ATC", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	TSAT not respected by ATC display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0059
Requirement	The PM shall calculate the "TSAT not respected by ATC" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	TSAT not respected by ATC frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0060
Requirement	The PM shall distribute the "TSAT not respected by ATC" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	TSAT not respected by ATC values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0061
Requirement	The PM shall calculate the "On stand Delay (start up delay) " taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	On stand Delay (start up delay) Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0216	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0217	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0062
Requirement	The PM shall calculate the "On stand Delay (start up delay) " following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	On stand Delay (start up delay) formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0216	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0217	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0063
Requirement	For the "On stand Delay (start up delay) ", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	On stand Delay (start up delay) display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0216	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0217	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0064
Requirement	The PM shall calculate the "On stand Delay (start up delay) " in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	On stand Delay (start up delay) frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0216	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0217	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0065
Requirement	The PM shall distribute the "On stand Delay (start up delay) " values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	On stand Delay (start up delay) values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0216	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0217	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0211	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0066
Requirement	The PM shall calculate the "Apron DCB: Taxi Time Out (AXOT/EXOT)" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".

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Title	Apron DCB: Taxi Time Out (AXOT/EXOT) Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0229	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0067
Requirement	The PM shall calculate the "Apron DCB: Taxi Time Out (AXOT/EXOT)" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0229	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0068
Requirement	For the "Apron DCB: Taxi Time Out (AXOT/EXOT)", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0229	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0069
Requirement	The PM shall calculate the "Apron DCB: Taxi Time Out (AXOT/EXOT)" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0229	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0070
Requirement	The PM shall distribute the "Apron DCB: Taxi Time Out (AXOT/EXOT)" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0229	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0071
Requirement	The PM shall calculate the "TMA DCB: SID Loading Balance " taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	TMA DCB: SID Loading Balance Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0209	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0072
Requirement	The PM shall calculate the "TMA DCB: SID Loading Balance " following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	TMA DCB: SID Loading Balance formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0209	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0073
Requirement	For the "TMA DCB: SID Loading Balance ", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	TMA DCB: SID Loading Balance display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0209	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0074
Requirement	The PM shall calculate the "TMA DCB: SID Loading Balance " in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	TMA DCB: SID Loading Balance frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0209	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0075
Requirement	The PM shall distribute the "TMA DCB: SID Loading Balance " values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	TMA DCB: SID Loading Balance values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0209	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0076
Requirement	The PM shall calculate the "Overall Punctuality (Predictability)" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Overall Punctuality (Predictability) Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0108	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0112	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0077
Requirement	The PM shall calculate the "Overall Punctuality (Predictability)" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value

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	Steps".
Title	Overall Punctuality (Predictability) formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0108	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0112	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0078
Requirement	For the "Overall Punctuality (Predictability)", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Overall Punctuality (Predictability) display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0108	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0112	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0079
Requirement	The PM shall calculate the "Overall Punctuality (Predictability)" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Overall Punctuality (Predictability) frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0108	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0112	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED_TO>	<Project>	12.06.07	N/A
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[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0080
Requirement	The PM shall distribute the "Overall Punctuality (Predictability)" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Overall Punctuality (Predictability) values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0108	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0112	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0086
Requirement	The PM shall calculate the "Runway Arrival Capacity Shortage" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Runway Arrival Capacity Shortage Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0087
Requirement	The PM shall calculate the "Runway Arrival Capacity Shortage" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Runway Arrival Capacity Shortage formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0088
Requirement	For the "Runway Arrival Capacity Shortage", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Runway Arrival Capacity Shortage display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0089
Requirement	The PM shall calculate the "Runway Arrival Capacity Shortage" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Runway Arrival Capacity Shortage frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0090
Requirement	The PM shall distribute the "Runway Arrival Capacity Shortage" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Runway Arrival Capacity Shortage values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0091
Requirement	The PM shall calculate the "Runway Departure Capacity Shortage" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Runway Departure Capacity Shortage Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0092
Requirement	The PM shall calculate the "Runway Departure Capacity Shortage" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Runway Departure Capacity Shortage formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0093
Requirement	For the "Runway Departure Capacity Shortage", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Runway Departure Capacity Shortage display values

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Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0094
Requirement	The PM shall calculate the "Runway Departure Capacity Shortage" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Runway Departure Capacity Shortage frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0095
Requirement	The PM shall distribute the "Runway Departure Capacity Shortage" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Runway Departure Capacity Shortage values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0096
Requirement	The PM shall calculate the "Total Airport Capacity Shortage" taking as input

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	the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Total Airport Capacity Shortage Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0097
Requirement	The PM shall calculate the "Total Airport Capacity Shortage" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Total Airport Capacity Shortage formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0098
Requirement	For the "Total Airport Capacity Shortage", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Total Airport Capacity Shortage display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0099
Requirement	The PM shall calculate the "Total Airport Capacity Shortage" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Total Airport Capacity Shortage frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0100
Requirement	The PM shall distribute the "Total Airport Capacity Shortage" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Total Airport Capacity Shortage values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0121	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0125	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0101
Requirement	The PM shall calculate the "Landing Delay" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Landing Delay Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0122	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0123	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0102
Requirement	The PM shall calculate the "Landing Delay" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Landing Delay formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0122	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0123	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0103
Requirement	For the "Landing Delay", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Landing Delay display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0122	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0123	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0104
Requirement	The PM shall calculate the "Landing Delay" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Landing Delay frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0122	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0123	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0105
Requirement	The PM shall distribute the "Landing Delay" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Landing Delay values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0122	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0123	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0106
Requirement	The PM shall calculate the "Take-Off Delay" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Take-Off Delay Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0126	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0127	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0107
Requirement	The PM shall calculate the "Take-Off Delay" following the steps indicated in

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	the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Take-Off Delay formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0126	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0127	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0108
Requirement	For the "Take-Off Delay", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Take-Off Delay display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0126	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0127	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0109
Requirement	The PM shall calculate the "Take-Off Delay" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Take-Off Delay frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0126	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0127	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0110
Requirement	The PM shall distribute the "Take-Off Delay" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Take-Off Delay values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0126	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0127	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0111
Requirement	The PM shall calculate the "Taxi In Delay" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Taxi In Delay Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0114	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0115	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0112
Requirement	The PM shall calculate the "Taxi In Delay" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Taxi In Delay formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0114	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0115	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0113
Requirement	For the "Taxi In Delay", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Taxi In Delay display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0114	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0115	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0114
Requirement	The PM shall calculate the "Taxi In Delay" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Taxi In Delay frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0114	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0115	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0115
Requirement	The PM shall distribute the "Taxi In Delay" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Taxi In Delay values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0114	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0115	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0116
Requirement	The PM shall calculate the "Taxi Out Delay" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".
Title	Taxi Out Delay Inputs
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI taking as input proper parameters as defined in the "KPI-PDI Table" received by different systems.
Category	<Interoperability>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0118	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0117
Requirement	The PM shall calculate the "Taxi Out Delay" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".
Title	Taxi Out Delay formulas
Status	<Deleted>
Rationale	The ASDI prototype is responsible of calculating the KPI following the steps provided by "KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0118	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0118
Requirement	For the "Taxi Out Delay", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".
Title	Taxi Out Delay display values
Status	<Deleted>
Rationale	The ASDI prototype periodically distributes the KPI values defined in the

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	"KPI-PDI Table"
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0118	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0119
Requirement	The PM shall calculate the "Taxi Out Delay" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".
Title	Taxi Out Delay frequency of calculation
Status	<Deleted>
Rationale	The ASDI prototype calculates the KPI with a suitable rate indicated in the "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0118	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMCI.0120
Requirement	The PM shall distribute the "Taxi Out Delay" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".
Title	Taxi Out Delay values distribution
Status	<Deleted>
Rationale	The ASDI prototype distributes the KPI values only to proper stakeholders listed in "KPI-PDI Table".
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0116	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0118	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.2.2 Assess Deviations

The Assess Deviations module compares, on one hand, the values of monitored KPIs and PDIs with the set of thresholds and target values defined in the Airport Performance Baseline and, in the other hand, it compares the actual values of the operation day with the planned values (regarding KPIs, PDIs and process sub-monitor). This assessment is delivered to the Raise Alert/Warning module.

The main functionalities allocated to this module are mainly the comparison of the values with the alert or warning level. The rule that must be analysed to do the comparison are provided by the Rule Engine.

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0001
Requirement	For the "Arrival Punctuality (Predictability)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Arrival Punctuality (Predictability) comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0002
Requirement	Regarding the "Arrival Punctuality (Predictability)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Arrival Punctuality (Predictability) comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0003
Requirement	For the "Arrival Delay Block", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the

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	PM shall raise an alert.
Title	Arrival Delay Block comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0004
Requirement	Regarding the "Arrival Delay Block", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Arrival Delay Block comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0005
Requirement	For the "Arrival Delay Runway", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Arrival Delay Runway comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0006
Requirement	Regarding the "Arrival Delay Runway", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Arrival Delay Runway comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0007
Requirement	For the "Air Holding Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Air Holding Delay comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0113	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0008
Requirement	Regarding the "Air Holding Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Air Holding Delay comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0113	<Full>

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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0009
Requirement	For the "Apron DCB: Taxi Time In (AXIT / EXIT)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Apron DCB: Taxi Time In (AXIT / EXIT) comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0010
Requirement	Regarding the "Apron DCB: Taxi Time In (AXIT / EXIT)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Apron DCB: Taxi Time In (AXIT / EXIT) comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0011
Requirement	For the "TMA DCB: STAR Loading Balance ", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	TMA DCB: STAR Loading Balance comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0012
Requirement	Regarding the "TMA DCB: STAR Loading Balance ", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	TMA DCB: STAR Loading Balance comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0013
Requirement	For the "Gate Conflict Alert", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Gate Conflict Alert comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0101	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0014
Requirement	Regarding the "Gate Conflict Alert", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Gate Conflict Alert comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is

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	above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0101	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0015
Requirement	For the "Departure Punctuality (Predictability)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Departure Punctuality (Predictability) comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0016
Requirement	Regarding the "Departure Punctuality (Predictability)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Departure Punctuality (Predictability) comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0021
Requirement	For the "Departure Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the

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	PM shall raise an alert.
Title	Departure Delay comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0012	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0022
Requirement	Regarding the "Departure Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Departure Delay comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0012	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0023
Requirement	For the "TSAT not respected by ATC", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	TSAT not respected by ATC comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0024
Requirement	Regarding the "TSAT not respected by ATC", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	TSAT not respected by ATC comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0025
Requirement	For the "On stand Delay (start up delay) ", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	On stand Delay (start up delay) comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0001	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0026
Requirement	Regarding the "On stand Delay (start up delay) ", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	On stand Delay (start up delay) comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0001	<Full>

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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0027
Requirement	For the "Apron DCB: Taxi Time Out (AXOT/EXOT)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0028
Requirement	Regarding the "Apron DCB: Taxi Time Out (AXOT/EXOT)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0029
Requirement	For the "TMA DCB: SID Loading Balance ", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	TMA DCB: SID Loading Balance comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0030
Requirement	Regarding the "TMA DCB: SID Loading Balance ", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	TMA DCB: SID Loading Balance comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0031
Requirement	For the "Overall Punctuality (Predictability)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Overall Punctuality (Predictability) comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0032
Requirement	Regarding the "Overall Punctuality (Predictability)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Overall Punctuality (Predictability) comparison with warning level
Status	<Deleted>

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Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0035
Requirement	For the "Runway Arrival Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Runway Arrival Capacity Shortage comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0036
Requirement	Regarding the "Runway Arrival Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Runway Arrival Capacity Shortage comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0037
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Requirement	For the "Runway Departure Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Runway Departure Capacity Shortage comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0005	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0038
Requirement	Regarding the "Runway Departure Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Runway Departure Capacity Shortage comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0005	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0039
Requirement	For the "Total Airport Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Total Airport Capacity Shortage comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0120	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.06.07	N/A
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[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0040
Requirement	Regarding the "Total Airport Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Total Airport Capacity Shortage comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0120	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0041
Requirement	For the "Landing Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Landing Delay comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0016	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0042
Requirement	Regarding the "Landing Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Landing Delay comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0016	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0043
Requirement	For the "Take-Off Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Take-Off Delay comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0018	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0019	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0044
Requirement	Regarding the "Take-Off Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Take-Off Delay comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0018	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0019	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0045
Requirement	For the "Taxi In Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Taxi In Delay comparison with alert level
Status	<Deleted>

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Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0046
Requirement	Regarding the "Taxi In Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Taxi In Delay comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0047
Requirement	For the "Taxi Out Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.
Title	Taxi Out Delay comparison with alert level
Status	<Deleted>
Rationale	The ASDI prototype raises an alert every time the calculated KPI value is above a proper alert threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMAD.0048
Requirement	Regarding the "Taxi Out Delay", if the comparison, indicated in table "KPI-

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	PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.
Title	Taxi Out Delay comparison with warning level
Status	<Deleted>
Rationale	The ASDI prototype raises a warning every time the calculated KPI value is above a proper warning threshold
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

### 3.1.2.3 Raise Alert/Warning

The Raise Alert/Warning module triggers the appropriate level of alert / warning, based on the findings of Assess Deviations process, informing the relevant stakeholder and prompting him/her to react when necessary and/or triggering the Manage Airport Performance module.

The main functionalities allocated to this module are mainly the publication of the values indicating warning or alert.

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0001
Requirement	If the PM raises an alert related to the "Arrival Punctuality (Predictability)", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Arrival Punctuality (Predictability) alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0002
Requirement	If the PM raises an alert related to the "Arrival Punctuality (Predictability)", it shall be identified with an unique warning identifier.
Title	Arrival Punctuality (Predictability) alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper

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	unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0003
Requirement	If the PM raises an alert related to the "Arrival Punctuality (Predictability)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Arrival Punctuality (Predictability) alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0004
Requirement	If the PM raises a warning related to the "Arrival Punctuality (Predictability)", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Arrival Punctuality (Predictability) warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0005
Requirement	If the PM raises a warning related to the "Arrival Punctuality (Predictability)", it shall be identified with an unique warning identifier.

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Title	Arrival Punctuality (Predictability) warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0006
Requirement	If the PM raises a warning related to the "Arrival Punctuality (Predictability)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Arrival Punctuality (Predictability) warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0007
Requirement	If the PM raises an alert related to the "Arrival Delay Block", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Arrival Delay Block alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

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Identifier	REQ-12.06.07-TS-PMRA.0008
Requirement	If the PM raises an alert related to the "Arrival Delay Block", it shall be identified with an unique warning identifier.
Title	Arrival Delay Block alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0009
Requirement	If the PM raises an alert related to the "Arrival Delay Block", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Arrival Delay Block alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0010
Requirement	If the PM raises a warning related to the "Arrival Delay Block", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Arrival Delay Block warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.06.07	N/A
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[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0011
Requirement	If the PM raises a warning related to the "Arrival Delay Block", it shall be identified with an unique warning identifier.
Title	Arrival Delay Block warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0012
Requirement	If the PM raises a warning related to the "Arrival Delay Block", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Arrival Delay Block warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0013
Requirement	If the PM raises an alert related to the "Arrival Delay Runway", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Arrival Delay Runway alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
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-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0014
Requirement	If the PM raises an alert related to the "Arrival Delay Runway", it shall be identified with an unique warning identifier.
Title	Arrival Delay Runway alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0015
Requirement	If the PM raises an alert related to the "Arrival Delay Runway", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Arrival Delay Runway alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0016
Requirement	If the PM raises a warning related to the "Arrival Delay Runway", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Arrival Delay Runway warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0017
Requirement	If the PM raises a warning related to the "Arrival Delay Runway", it shall be identified with a unique warning identifier.
Title	Arrival Delay Runway warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0018
Requirement	If the PM raises a warning related to the "Arrival Delay Runway", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Arrival Delay Runway warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0019
Requirement	If the PM raises an alert related to the "Air Holding Delay", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Air Holding Delay alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.

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Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0113	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0020
Requirement	If the PM raises an alert related to the "Air Holding Delay", it shall be identified with a unique warning identifier.
Title	Air Holding Delay alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0113	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0021
Requirement	If the PM raises an alert related to the "Air Holding Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Air Holding Delay alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0113	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0022
Requirement	If the PM raises a warning related to the "Air Holding Delay", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Air Holding Delay warning code

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Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0113	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0023
Requirement	If the PM raises a warning related to the "Air Holding Delay", it shall be identified with an unique warning identifier.
Title	Air Holding Delay warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0113	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0024
Requirement	If the PM raises a warning related to the "Air Holding Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Air Holding Delay warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0113	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0025
Requirement	If the PM raises an alert related to the "Apron DCB: Taxi Time In (AXIT /

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	EXIT)", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Apron DCB: Taxi Time In (AXIT / EXIT) alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0026
Requirement	If the PM raises an alert related to the "Apron DCB: Taxi Time In (AXIT / EXIT)", it shall be identified with an unique warning identifier.
Title	Apron DCB: Taxi Time In (AXIT / EXIT) alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0027
Requirement	If the PM raises an alert related to the "Apron DCB: Taxi Time In (AXIT / EXIT)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Apron DCB: Taxi Time In (AXIT / EXIT) alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0028
Requirement	If the PM raises a warning related to the "Apron DCB: Taxi Time In (AXIT / EXIT)", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Apron DCB: Taxi Time In (AXIT / EXIT) warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0029
Requirement	If the PM raises a warning related to the "Apron DCB: Taxi Time In (AXIT / EXIT)", it shall be identified with an unique warning identifier.
Title	Apron DCB: Taxi Time In (AXIT / EXIT) warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0030
Requirement	If the PM raises a warning related to the "Apron DCB: Taxi Time In (AXIT / EXIT)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Apron DCB: Taxi Time In (AXIT / EXIT) warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0031
Requirement	If the PM raises an alert related to the "TMA DCB: STAR Loading Balance ", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	TMA DCB: STAR Loading Balance alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0032
Requirement	If the PM raises an alert related to the "TMA DCB: STAR Loading Balance ", it shall be identified with an unique warning identifier.
Title	TMA DCB: STAR Loading Balance alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0033
Requirement	If the PM raises an alert related to the "TMA DCB: STAR Loading Balance ", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	TMA DCB: STAR Loading Balance alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0034
Requirement	If the PM raises a warning related to the "TMA DCB: STAR Loading Balance ", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	TMA DCB: STAR Loading Balance warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0035
Requirement	If the PM raises a warning related to the "TMA DCB: STAR Loading Balance ", it shall be identified with a unique warning identifier.
Title	TMA DCB: STAR Loading Balance warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0036
Requirement	If the PM raises a warning related to the "TMA DCB: STAR Loading Balance ", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	TMA DCB: STAR Loading Balance warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0037
Requirement	If the PM raises an alert related to the "Gate Conflict Alert", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Gate Conflict Alert alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0101	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0038
Requirement	If the PM raises an alert related to the "Gate Conflict Alert", it shall be identified with a unique warning identifier.
Title	Gate Conflict Alert alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0101	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0039
Requirement	If the PM raises an alert related to the "Gate Conflict Alert", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Gate Conflict Alert alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the

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	stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0101	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0040
Requirement	If the PM raises a warning related to the "Gate Conflict Alert", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Gate Conflict Alert warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0101	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0041
Requirement	If the PM raises a warning related to the "Gate Conflict Alert", it shall be identified with a unique warning identifier.
Title	Gate Conflict Alert warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0101	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0042
Requirement	If the PM raises a warning related to the "Gate Conflict Alert", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".

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Title	Gate Conflict Alert warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0101	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0043
Requirement	If the PM raises an alert related to the "Departure Punctuality (Predictability)", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Departure Punctuality (Predictability) alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0044
Requirement	If the PM raises an alert related to the "Departure Punctuality (Predictability)", it shall be identified with an unique warning identifier.
Title	Departure Punctuality (Predictability) alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0045
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Requirement	If the PM raises an alert related to the "Departure Punctuality (Predictability)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Departure Punctuality (Predictability) alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0046
Requirement	If the PM raises a warning related to the "Departure Punctuality (Predictability)", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Departure Punctuality (Predictability) warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0047
Requirement	If the PM raises a warning related to the "Departure Punctuality (Predictability)", it shall be identified with an unique warning identifier.
Title	Departure Punctuality (Predictability) warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0048
Requirement	If the PM raises a warning related to the "Departure Punctuality (Predictability)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Departure Punctuality (Predictability) warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0061
Requirement	If the PM raises an alert related to the "Departure Delay", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Departure Delay alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0012	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0062
Requirement	If the PM raises an alert related to the "Departure Delay", it shall be identified with an unique warning identifier.
Title	Departure Delay alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0012	<Full>

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<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0063
Requirement	If the PM raises an alert related to the "Departure Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Departure Delay alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0012	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0064
Requirement	If the PM raises a warning related to the "Departure Delay", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Departure Delay warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0012	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0065
Requirement	If the PM raises a warning related to the "Departure Delay", it shall be identified with a unique warning identifier.
Title	Departure Delay warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0012	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0066
Requirement	If the PM raises a warning related to the "Departure Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Departure Delay warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0012	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0067
Requirement	If the PM raises an alert related to the "TSAT not respected by ATC", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	TSAT not respected by ATC alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0068
Requirement	If the PM raises an alert related to the "TSAT not respected by ATC", it shall be identified with an unique warning identifier.
Title	TSAT not respected by ATC alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0069
Requirement	If the PM raises an alert related to the "TSAT not respected by ATC", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	TSAT not respected by ATC alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0070
Requirement	If the PM raises a warning related to the "TSAT not respected by ATC", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	TSAT not respected by ATC warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0071
Requirement	If the PM raises a warning related to the "TSAT not respected by ATC", it shall be identified with an unique warning identifier.
Title	TSAT not respected by ATC warning identifier
Status	<Deleted>

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Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0072
Requirement	If the PM raises a warning related to the "TSAT not respected by ATC", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	TSAT not respected by ATC warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0108	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0073
Requirement	If the PM raises an alert related to the "On stand Delay (start up delay) ", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	On stand Delay (start up delay) alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0001	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0074
Requirement	If the PM raises an alert related to the "On stand Delay (start up delay) ", it

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	shall be identified with an unique warning identifier.
Title	On stand Delay (start up delay) alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0001	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0075
Requirement	If the PM raises an alert related to the "On stand Delay (start up delay) ", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	On stand Delay (start up delay) alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0001	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0076
Requirement	If the PM raises a warning related to the "On stand Delay (start up delay) ", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	On stand Delay (start up delay) warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0001	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0077
Requirement	If the PM raises a warning related to the "On stand Delay (start up delay) ", it shall be identified with a unique warning identifier.
Title	On stand Delay (start up delay) warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0001	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0078
Requirement	If the PM raises a warning related to the "On stand Delay (start up delay) ", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	On stand Delay (start up delay) warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0001	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0079
Requirement	If the PM raises an alert related to the "Apron DCB: Taxi Time Out (AXOT/EXOT)", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A

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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0080
Requirement	If the PM raises an alert related to the "Apron DCB: Taxi Time Out (AXOT/EXOT)", it shall be identified with a unique warning identifier.
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0081
Requirement	If the PM raises an alert related to the "Apron DCB: Taxi Time Out (AXOT/EXOT)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0082
Requirement	If the PM raises a warning related to the "Apron DCB: Taxi Time Out (AXOT/EXOT)", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0083
Requirement	If the PM raises a warning related to the "Apron DCB: Taxi Time Out (AXOT/EXOT)", it shall be identified with an unique warning identifier.
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0084
Requirement	If the PM raises a warning related to the "Apron DCB: Taxi Time Out (AXOT/EXOT)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Apron DCB: Taxi Time Out (AXOT/EXOT) warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0085
Requirement	If the PM raises an alert related to the "TMA DCB: SID Loading Balance ", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	TMA DCB: SID Loading Balance alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0086
Requirement	If the PM raises an alert related to the "TMA DCB: SID Loading Balance ", it shall be identified with an unique warning identifier.
Title	TMA DCB: SID Loading Balance alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0087
Requirement	If the PM raises an alert related to the "TMA DCB: SID Loading Balance ", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	TMA DCB: SID Loading Balance alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0088
Requirement	If the PM raises a warning related to the "TMA DCB: SID Loading Balance ", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	TMA DCB: SID Loading Balance warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper

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	unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0089
Requirement	If the PM raises a warning related to the "TMA DCB: SID Loading Balance ", it shall be identified with an unique warning identifier.
Title	TMA DCB: SID Loading Balance warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0090
Requirement	If the PM raises a warning related to the "TMA DCB: SID Loading Balance ", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	TMA DCB: SID Loading Balance warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0122	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0091
Requirement	If the PM raises an alert related to the "Overall Punctuality (Predictability)", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".

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Title	Overall Punctuality (Predictability) alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0092
Requirement	If the PM raises an alert related to the "Overall Punctuality (Predictability)", it shall be identified with an unique warning identifier.
Title	Overall Punctuality (Predictability) alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0093
Requirement	If the PM raises an alert related to the "Overall Punctuality (Predictability)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Overall Punctuality (Predictability) alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0094
Requirement	If the PM raises a warning related to the "Overall Punctuality (Predictability)", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Overall Punctuality (Predictability) warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0095
Requirement	If the PM raises a warning related to the "Overall Punctuality (Predictability)", it shall be identified with an unique warning identifier.
Title	Overall Punctuality (Predictability) warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0096
Requirement	If the PM raises a warning related to the "Overall Punctuality (Predictability)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Overall Punctuality (Predictability) warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

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Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0010	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0014	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0103
Requirement	If the PM raises an alert related to the "Runway Arrival Capacity Shortage", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Runway Arrival Capacity Shortage alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0104
Requirement	If the PM raises an alert related to the "Runway Arrival Capacity Shortage", it shall be identified with an unique warning identifier.
Title	Runway Arrival Capacity Shortage alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0105
Requirement	If the PM raises an alert related to the "Runway Arrival Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Runway Arrival Capacity Shortage alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0106
Requirement	If the PM raises a warning related to the "Runway Arrival Capacity Shortage", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Runway Arrival Capacity Shortage warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0107
Requirement	If the PM raises a warning related to the "Runway Arrival Capacity Shortage", it shall be identified with an unique warning identifier.
Title	Runway Arrival Capacity Shortage warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0108
Requirement	If the PM raises a warning related to the "Runway Arrival Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Runway Arrival Capacity Shortage warning distribution
Status	<Deleted>

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Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0004	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0109
Requirement	If the PM raises an alert related to the "Runway Departure Capacity Shortage", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Runway Departure Capacity Shortage alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0005	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0110
Requirement	If the PM raises an alert related to the "Runway Departure Capacity Shortage", it shall be identified with an unique warning identifier.
Title	Runway Departure Capacity Shortage alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0005	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0111
Requirement	If the PM raises an alert related to the "Runway Departure Capacity Shortage", it shall be distributed to the stakeholders indicated in the table

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	"KPI-PDI Table", column "Assigned Stakeholder".
Title	Runway Departure Capacity Shortage alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0005	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0112
Requirement	If the PM raises a warning related to the "Runway Departure Capacity Shortage", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Runway Departure Capacity Shortage warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0005	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0113
Requirement	If the PM raises a warning related to the "Runway Departure Capacity Shortage", it shall be identified with an unique warning identifier.
Title	Runway Departure Capacity Shortage warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0005	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

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Identifier	REQ-12.06.07-TS-PMRA.0114
Requirement	If the PM raises a warning related to the "Runway Departure Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Runway Departure Capacity Shortage warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0005	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0115
Requirement	If the PM raises an alert related to the "Total Airport Capacity Shortage", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Total Airport Capacity Shortage alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0120	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0116
Requirement	If the PM raises an alert related to the "Total Airport Capacity Shortage", it shall be identified with an unique warning identifier.
Title	Total Airport Capacity Shortage alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0120	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED_TO>	<Project>	12.06.07	N/A
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[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0117
Requirement	If the PM raises an alert related to the "Total Airport Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Total Airport Capacity Shortage alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0120	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0118
Requirement	If the PM raises a warning related to the "Total Airport Capacity Shortage", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Total Airport Capacity Shortage warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0120	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0119
Requirement	If the PM raises a warning related to the "Total Airport Capacity Shortage", it shall be identified with an unique warning identifier.
Title	Total Airport Capacity Shortage warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
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-INTEROP-ALRT.0120	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0120
Requirement	If the PM raises a warning related to the "Total Airport Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Total Airport Capacity Shortage warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0120	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0121
Requirement	If the PM raises an alert related to the "Landing Delay", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Landing Delay alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0016	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0122
Requirement	If the PM raises an alert related to the "Landing Delay", it shall be identified with an unique warning identifier.
Title	Landing Delay alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	

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Verification Method	<Test>
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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0016	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0123
Requirement	If the PM raises an alert related to the "Landing Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Landing Delay alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0016	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0124
Requirement	If the PM raises a warning related to the "Landing Delay", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Landing Delay warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0016	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0125
Requirement	If the PM raises a warning related to the "Landing Delay", it shall be identified with an unique warning identifier.
Title	Landing Delay warning identifier

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Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0016	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0126
Requirement	If the PM raises a warning related to the "Landing Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Landing Delay warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0016	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0127
Requirement	If the PM raises an alert related to the "Take-Off Delay", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Take-Off Delay alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0018	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0019	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0128
Requirement	If the PM raises an alert related to the "Take-Off Delay", it shall be identified with a unique warning identifier.
Title	Take-Off Delay alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0018	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0019	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0129
Requirement	If the PM raises an alert related to the "Take-Off Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Take-Off Delay alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0018	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0019	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0130
Requirement	If the PM raises a warning related to the "Take-Off Delay", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Take-Off Delay warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0018	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0019	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0131
Requirement	If the PM raises a warning related to the "Take-Off Delay", it shall be identified with an unique warning identifier.
Title	Take-Off Delay warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0018	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0019	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0132
Requirement	If the PM raises a warning related to the "Take-Off Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Take-Off Delay warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0018	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0019	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0133
Requirement	If the PM raises an alert related to the "Taxi In Delay", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Taxi In Delay alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>

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Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0134
Requirement	If the PM raises an alert related to the "Taxi In Delay", it shall be identified with a unique warning identifier.
Title	Taxi In Delay alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0135
Requirement	If the PM raises an alert related to the "Taxi In Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Taxi In Delay alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED_TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0136
Requirement	If the PM raises a warning related to the "Taxi In Delay", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Taxi In Delay warning code
Status	<Deleted>

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Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0137
Requirement	If the PM raises a warning related to the "Taxi In Delay", it shall be identified with an unique warning identifier.
Title	Taxi In Delay warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0138
Requirement	If the PM raises a warning related to the "Taxi In Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Taxi In Delay warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0021	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0139
Requirement	If the PM raises an alert related to the "Taxi Out Delay", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning /

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	Alert Code".
Title	Taxi Out Delay alert code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0140
Requirement	If the PM raises an alert related to the "Taxi Out Delay", it shall be identified with an unique warning identifier.
Title	Taxi Out Delay alert identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0141
Requirement	If the PM raises an alert related to the "Taxi Out Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Taxi Out Delay alert distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

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Identifier	REQ-12.06.07-TS-PMRA.0142
Requirement	If the PM raises a warning related to the "Taxi Out Delay", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".
Title	Taxi Out Delay warning code
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0143
Requirement	If the PM raises a warning related to the "Taxi Out Delay", it shall be identified with an unique warning identifier.
Title	Taxi Out Delay warning identifier
Status	<Deleted>
Rationale	The ASDI prototype identifies each raised alert and warning by proper unique identification.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMRA.0144
Requirement	If the PM raises a warning related to the "Taxi Out Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".
Title	Taxi Out Delay warning distribution
Status	<Deleted>
Rationale	The ASDI prototype identifies for each raised alert and warning the stakeholders which have to receive it.
Category	<Functional>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0022	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A

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<ALLOCATED TO>	<Project>	12.06.07	N/A
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### 3.1.2.4 HMI

[REQ]

Identifier	REQ-12.06.07-TS-PMHM.0001
Requirement	The PM shall have a HMI that allows each stakeholder to monitor the status of the metrics of interest.
Title	Human machine interface showing the KPI values.
Status	<Deleted>
Rationale	The ASDI prototype has a proper HMI though which the stakeholders can monitor the KPI values.
Category	<HMI>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0160	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMHM.0002
Requirement	The PM HMI shall show all the KPI values, emphasizing those that have exceeded the level of warning/alert.
Title	Human machine interface emphasizing alert/warning values.
Status	<Deleted>
Rationale	The ASDI prototype has a proper HMI though which shows to stakeholders the exceeded KPI values
Category	<HMI>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0170	<Full>
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<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMHM.0003
Requirement	The PM HMI shall show a list of metrics, and for each metric must be visible: <ul style="list-style-type: none"> <li>- The metric name</li> <li>- The metric value</li> <li>- Associated Alarm or Warning, if exist</li> </ul>
Title	Human machine interface parameters to be shown.
Status	<Deleted>
Rationale	The ASDI prototype shows for each metric the parameters to be aware the user on the state of the metric.
Category	<HMI>
Validation Method	
Verification Method	<Test>

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[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0160	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-PMHM.0004
Requirement	The PM HMI shall allow the use of filtering and navigating through the metrics.
Title	HMI filtering functionality.
Status	<Deleted>
Rationale	The ASDI prototype allows the user to handle through proper functionalities the information viewing.
Category	<HMI>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.06.02-SPR-APMO.0160	<Full>
<SATISFIES>	<Enabler>	AIRPORT-40	<Full>
<ALLOCATED TO>	<Functional block>	Performance Monitoring	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A



## 3.2 Adaptability

Not applicable in this TS version.

## 3.3 Performance Characteristics

Not applicable in this TS version.

## 3.4 Safety & Security

Not applicable in this TS version.

## 3.5 Maintainability

Not applicable in this TS version.

## 3.6 Reliability

Not applicable in this TS version.

## 3.7 Functional block Internal Data Requirements

All the decisions about internal data are left to the specific design of each prototype.

## 3.8 Design and Construction Constraints

Design and construction constraints will be specific for each prototype and they are out of the scope of this document.

## 3.9 Functional block Interface Requirements

This section contains the specification of requirements for interfaces.

### 3.9.1 Flight Information Interface Requirements

[REQ]

Identifier	<i>REQ-12.06.07-TS-FIIR.0010</i>
Requirement	Each data related to Flights Information shall be included with the following identification information: <ul style="list-style-type: none"><li>• Source System (AMAN, DMAN, SMAN, aFDP, ...)</li><li>• Flight ID (ICAO Callsign)</li><li>• ADES (ICAO)</li><li>• ADEP (ICAO)</li><li>• EOBT</li><li>• Flight Scheduled Date</li><li>• Flight Type (Arrival or Departure)</li></ul>

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Title	Flights Information Interface common data
Status	<In Progress>
Rationale	Flight identification is needed for each message in the Flight Information Interface.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0007	<Full>
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0023	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0024	<Full>
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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-FIIR.0020
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Requirement	The ASDI system shall interface an ATC emulator/system to exchange Flights Information data as defined in Table 3 or similar
Title	Flights Information Interface Data
Status	<In Progress>
Rationale	Only for verification purpose. Information in the table is indicative.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0202	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0213	<Full>
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0513	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-PERF.0208	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0500	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

NAME	TYPE	CONTENT	EXAMPLE
ELDT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32

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NAME	TYPE	CONTENT	EXAMPLE
TLDT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
ALDT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
FLDT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
EXIT	Duration	Minutes	62
STAR	Text	Standard Arrival Route	LORES1P
FIR Status	Text	Defined ATV status	FIR
TMA Status	Text	Defined ATV status	TMA
FNL Status	Text	Defined ATV status	FNL
TXI Status	Text	Defined ATV status	TXI
IBK Status	Text	Defined ATV status	IBK
IDH Status	Text	Defined ATV status	IDH
DIV Status	Text	Defined ATV status	DIV
GOA Status	Text	Defined ATV status	GOA
TTA	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
AIBT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
AIAT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
ASET	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
ASXT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
AFAT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
ROT - arrival	Time	Time in seconds	10
AXIT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
RWYARR	Text	Runway code	24L
Rwy_Exit	Text	Runway exit code	24L-1
Taxi Route - arr	Text	Taxi route	
Arr Separation	Time	Time in minutes	2
TOBT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
TSAT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
ASAT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
TTOT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
ATOT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
FTOT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
EXOT	Duration	Minutes	9
SID	Text	Standard Instrument Departure	SOBRA1S
OBK Status	Text	Defined ATV status	OBK
DEP Status	Text	Defined ATV status	DEP
RPO Status	Text	Defined ATV status	RPO
TXO-D	Text	Defined ATV status	TXO-D

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NAME	TYPE	CONTENT	EXAMPLE
RTN	Text	Defined ATV status	RTN
AOBT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
ARDT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
ASRT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
ROT - departure	Time	Time in seconds	10
AXOT	Date & Time	Year, Month, Day, Hours, Minutes	2013-05-25 10:32
RWYDEP	Text	Runway code	24L
RWU_Entry	Text	Runway entry code	24L-1
Taxi Route - dep	Text	Taxi route	
Dep Separation	Time	Time in minutes	2

Table 2: Flights Information Interface definition

## 3.9.2 Runways Information Interface Requirements

[REQ]

Identifier	REQ-12.06.07-TS-RIIR.0010
Requirement	Each data related to Runways Information shall be included with the following identification information: <ul style="list-style-type: none"> <li>• Source System (RMAN)</li> <li>• Runway identifier</li> </ul>
Title	Runways Information Interface common data
Status	<In Progress>
Rationale	Runway identification is needed for each message in the Runways Information Interface..
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0302	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0306	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0304	<Full>
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<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-RIIR.0020
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Requirement	The ASDI system shall interface an RMAN emulator/system to exchange Runways Information data as defined in Table [3] or similar
Title	Runways Information Interface
Status	<In Progress>
Rationale	Only for verification purpose. Information in the table is indicative.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<ALLOCATED_TO>	<Functional block>	G-G Communications	N/A
<APPLIES_TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

NAME	TYPE	CONTENT	EXAMPLE
Declared Total Runway Capacity	# Movements		150
Declared Arrival Runway Capacity	# arrivals		70
Declared Departure Runway Capacity	# departures		80
RWY Configuration Plan		List of all possible / practical runway combinations and associated capacities (total, landings, take-offs) for each selected time-period (e.g. night time, daytime, inbound peaks,... etc) and relevant operating conditions (e.g. LVP)	TBD
Allocated RWY Use Distribution Plan - Saturation capacity	# Movements (arrivals and/or departures)	actual and forecasted Saturation runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period ahead	(06L, 00:00-01:00, 150, 155)
Allocated RWY Use Distribution Plan - Practical capacity	# Movements (arrivals and/or departures)	actual and forecasted Practical runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period ahead.	(06L, 00:00-01:00, 150, 155)
Manual input RWY Use Distribution Plan Indicator	Text	Indicator if the actual / forecasted runway use distribution Plan is the result of the advised DCB solution or a manual input / correction by the Apt Twr	DCB/Manual
Advised Runway Use distribution	# Movements	actual and forecasted Saturation runway capacity, expressed in #	(06L, 00:00-01:00, 150, 155)

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NAME	TYPE	CONTENT	EXAMPLE
plan(s) – Saturation capacity		Movements (arrivals and/or departures) per runway and per time interval for predefined time period	
Advised Runway Use distribution plan(s) - probability	Percentage %	The probability (percentage) of appliance per time interval for predefined time period ahead.	(00:00-01:00, 75%)
Allocated RWY Use Distribution Plan - Probability	Percentage %	Forecasted probability of application for the chosen runway use distribution plan  Probability (percentage) of appliance per time interval for predefined time period ahead.	(00:00-01:00, 75%)
Allocated RWY Use Distribution Plan - Saturation capacity	# Movements	Actual and forecasted Saturation runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period ahead.	(06L, 00:00-01:00, 150, 155)
Allocated RWY Use Distribution Plan - Practical capacity	# Movements	Actual and forecasted Practical runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period ahead	(06L, 00:00-01:00, 150, 155)
Manual input RWY Use Distribution Plan Indicator	Text	Indicator if the actual / forecasted runway use distribution Plan is the result of the advised DCB solution or a manual input / correction by the Apt Twr	DCB/Manual
Advised Runway Use distribution plan(s) – Saturation capacity	# Movements	Actual and forecasted Saturation runway capacity, expressed in # Movements (arrivals and/or departures) per runway and per time interval for predefined time period	(06L, 00:00-01:00, 150, 155)
Advised Runway Use distribution plan(s) - probability	Percentage %	The probability (percentage) of appliance per time interval for predefined time period ahead.	(00:00-01:00, 75%)
Allocated RWY Use Distribution Plan - Probability	Percentage %	Forecasted probability of application for the chosen runway use distribution plan  Probability (percentage) of appliance per time interval for predefined time period ahead.	(00:00-01:00, 75%)
Reason for Reduced Runway Capacity - code	Text	Reduced Runway Capacity Code	AD29
Reason for Reduced Runway Capacity – description	Text	Short description on the reason for reduced Runway Movement	Selection between predefined reasons like for example: <ul style="list-style-type: none"> <li>• Construction / maintenance work</li> <li>• Snow removal</li> </ul>

NAME	TYPE	CONTENT	EXAMPLE
			<ul style="list-style-type: none"> <li>• Technical failure</li> <li>• Low visibility</li> <li>• Blocked runway(s)</li> <li>• Runway surface conditions</li> <li>• Environmental restrictions</li> <li>• etc</li> </ul> <p><i>Or a free text field to include a non pre-defined reason</i></p>

Table 4: Runways Information Interface definition

### 3.9.3 Ground Movements Capacity Information Interface Requirements

[REQ]

Identifier	REQ-12.06.07-TS-GMIR.0010
Requirement	Each data related to Ground Movement Capacity Information shall be included with the following identification information: <ul style="list-style-type: none"> <li>• Source System (Local ATC)</li> <li>• Runway configurations</li> <li>• Operating Conditions</li> </ul>
Title	Ground Movements Information Interface common data
Status	<In Progress>
Rationale	To be analyzed in detail in phase 2.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0117	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0118	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0119	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0400	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0401	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0402	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0403	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0404	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0405	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0406	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0703	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0704	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-GMIR.0020
Requirement	The ASDI system shall interface an Local ATC emulator/system to

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	exchange Ground Movements Capacity Information data as defined in Table 5.
Title	Runways Information Interface
Status	<In Progress>
Rationale	Only for verification purpose. Information in the table is indicative.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0117	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0118	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0119	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0400	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0401	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0402	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0403	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0404	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0405	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0406	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0703	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0704	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

NAME	TYPE	CONTENT	EXAMPLE
Declared Total Ground Movement Capacity	#Movements	Declared Total Ground Movement Capacity - seasonal	(100, 10:00-11:00)
Declared Taxi-in Ground Movement Capacity	#Movements	Declared Taxi-in Ground Movement Capacity - seasonal	(55, 10:00-11:00)
Declared Taxi-out Ground Movement Capacity	#Movements	Declared Taxi-out Ground Movement Capacity - seasonal	(45, 10:00-11:00)
Default total Ground Movement Capacity	#Movements	Total Ground Movement Capacity for all possible runway configurations and operating conditions and for each pre-selected time period (e.g. night time, daytime, inbound peaks,... etc)	(100, 10:00-11:00)
Default Taxi-in Ground Movement Capacity	#Movements	Total Taxi-in Ground Movement Capacity for all possible runway configurations and operating conditions and for each pre-selected time period (e.g. night time, daytime, inbound peaks,... etc)	(50, 10:00-11:00)
Default Taxi-out Ground Movement Capacity	#Movements	Total Taxi-out Ground Movement Capacity for all possible runway configurations and operating conditions and for each pre-selected time period (e.g. night time, daytime, inbound peaks,... etc)	(50, 10:00-11:00)
Actual total Ground Movement Capacity	#Movements	Actual / forecasted Total Ground Movement capacity based on actual/ forecasted runway combination and actual / forecasted operating	(120, 10:00-11:00)

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NAME	TYPE	CONTENT	EXAMPLE
		conditions	
Actual Taxi-in Ground Movement Capacity	#Movements	Actual / forecasted Taxi-in Ground Movement capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions	(75, 10:00-11:00)
Actual Taxi-out Ground Movement Capacity	#Movements	Actual / forecasted Taxi-out Ground Movement capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions	(45, 10:00-11:00)
<i>Taxi-out Ground movement Capacity -Probability</i>	Percentage %	Forecasted probability of application for Taxi-out Ground Movement capacity based on actual/ forecasted runway combination and actual / forecasted operating conditions	(75%;09:00-21:00)
Reason for Reduced Ground Movement Capacity - code	Text	Reduced Ground Movement Capacity Code	GM01
Reason for Reduced Ground Movement Capacity - description	Text	Short description on the reason for reduced Ground Movement Capacity	Selection between predefined reasons like for example: <ul style="list-style-type: none"> <li>• Construction / maintenance work</li> <li>• Snow removal</li> <li>• Technical failure</li> <li>• Low visibility</li> <li>• Blocked taxiway(s)</li> <li>• Taxiway surface conditions</li> <li>• etc</li> </ul> <p><i>Or a free text field to include a non pre-defined reason</i></p>

**Table 5: Ground Movement Capacity Information Interface definition**

### 3.9.4 MET Information Interface Requirements

[REQ]

Identifier	<i>REQ-12.06.07-TS-MET1.0010</i>
Requirement	Each data related to MET Information shall be included with the following identification information: <ul style="list-style-type: none"> <li>• Source System (MET)</li> <li>• Other identification information to be determined in each particular case</li> </ul>
Title	MET Information Interface common data
Status	<In Progress>
Rationale	To be analyzed in detail in phase 2.

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Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0001	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0003	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0002	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0017	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0018	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0004	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0006	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0008	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0009	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0011	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0012	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0027	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0019	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0020	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0021	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0028	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0022	<Full>
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0025	<Full>
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0026	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0016	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0029	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET3.0001	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0125	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	REQ-12.06.07-TS-MET1.0020
Requirement	The ASDI system shall interface an MET emulator/system to exchange MET Information data as defined in Table [6] or similar
Title	MET Information Interface
Status	<In Progress>
Rationale	Only for verification purpose. Information in the table is indicative.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0001	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0003	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0002	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0017	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0018	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0004	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0006	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0008	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0009	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0011	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0012	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0027	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0019	<Full>

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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0020	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0021	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0028	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0022	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0023	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0023	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0025	<Full>
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0026	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0015	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0016	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET2.0029	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-MET3.0001	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-ALRT.0125	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

PHENOMENA	COMPONENT	CONTENT	METRIC	EXAMPLE
Visibility	Cloud Base	Actual, Forecast & Probability (per hour)	ft, ft, %	100, (00:00-01:00, 100, 90%)...
	Cloud Amount	Actual, Forecast & Probability (per hour)	ft, ft, %	100, (00:00-01:00, 100, 90%)...
	Vertical	Actual, Forecast & Probability (per hour)	ft, ft, %	TBD
	Horizontal	Actual, Forecast & Probability (per hour)	ft, ft, %	TBD
	RVR	Actual, Forecast & Probability (per defined timeframes) per RWY	m, m, %	06L, 1200, (00:00-00:14, 1250, 95%)...
Wind	Surface Direction	Actual, Forecast & Probability (per hour)	Degrees, Degrees, %	33, (00:00-01:00, 35, 70%)..
	Surface Speed	Actual, Forecast & Probability (per hour)	Knots, Knots, %	10, (00:00-01:00, 12, 80%)..
	Crosswind Speed	Actual, Forecast & Probability (per hour)	Knots, Knots, %	10, (00:00-01:00, 12, 80%)..
	Headwind Speed	Actual, Forecast & Probability (per hour)	Knots, Knots, %	10, (00:00-01:00, 12, 80%)..

PHENOMENA	COMPONENT	CONTENT	METRIC	EXAMPLE
	Aloft mean wind speed	Actual, Forecast & Probability (per hour, per 500ft intervals up to 2000ft above ground level, and in 1000ft intervals above 2000ft up to 5000ft above ground level)	Knots, Knots, %	(0-500, 10, 00:00-01:00, 12, 80%...) (500-1000, 10, 00:00-01:00, 12, 80%...) ... (4000-5000, 12, 00:00-01:00, 12, 80%...)
	Aloft mean wind direction	Actual, Forecast & Probability (per hour, per 500ft intervals up to 2000ft above ground level, and in 1000ft intervals above 2000ft up to 5000ft above ground level)	Degrees, Degrees, %	(0-500, 45, 00:00-01:00, 50, 80%...) (500-1000, 45, 00:00-01:00, 50, 80%...) ... (4000-5000, 50, 00:00-01:00, 55, 80%...)
	Shear	Actual, Forecast & Probability (per hour)	?	TBD
Temperature	2m	Actual, Forecast & Probability (per hour)	°C, °C, %	-2.1, (00:00-01:00, -2.2, 95%)..
	Dew Point	Actual, Forecast & Probability (per hour)	°C, °C, %	-2.1, (00:00-01:00, -2.2, 95%)..
	Surface	Actual, Forecast & Probability (per hour) per RWY	°C, °C, %	06L, -2.1, (00:00-01:00, -2.2, 95%)..
	Low Level Inversion	Actual, Forecast & Probability (per hour)	?	TBD
Relative Humidity	-	Actual, Forecast & Probability (per hour)	%, %, %	32%, (00:00-01:00, 33%, 95%)..
Precipitation	Type	Actual, Forecast & Probability (per hour)	Defined Precipitation Types, %	Null, (00:00-01:00, Rain, 10%)..
	Qualitative Intensity	Actual, Forecast & Probability (per hour)	Defined Precipitation Qualitative Intensities, %	N/A, (00:00-01:00, Light, 10%)..
	Quantitative Intensity	Actual, Forecast & Probability (per hour)	mm/h, %	N/A, (00:00-01:00, 10, 10%)..
Thunderstorm	Type	Actual, Forecast & Probability (per hour)	Defined Thunderstorm Types, %	Null, (00:00-01:00, Isolated, 15%)..
	Intensity	Actual, Forecast & Probability (per hour)	Defined Thunderstorm Intensities, %	N/A, (00:00-01:00, Moderate, 15%)..

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PHENOMENA	COMPONENT	CONTENT	METRIC	EXAMPLE
QFE	-	Actual, Forecast & Probability (per hour)	hPa, hPa, %	100, (00:00-01:00, 90, 85%)..
QNH	-	Actual, Forecast & Probability (per hour)	hPa, hPa, %	300, (00:00-01:00, 290, 85%)..
Runway Contaminants	-	Actual type and depth	Defined Runway Contaminants, Number	TBD
Adverse Weather	-	Actual?	?	TBD

Table 6: MET Information Interface definition

### 3.9.5 Other Information Interface Requirements

[REQ]

Identifier	REQ-12.06.07-TS-OIIR.0010
Requirement	The ASDI system shall interface an emulator/system to exchange Other Information data as defined in Table 7.
Title	Other Information Interface
Status	<In Progress>
Rationale	Emulation of information received and processed by the ASDI system is necessary to verify the prototype in the absence of the real source system.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-CAPC.0501	<Full>
<ALLOCATED TO>	<Functional block>	G-G Communications	N/A
<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

NAME	TYPE	CONTENT	EXAMPLE
Stand Availability Plan	TEXT	<i>List of all stand availabilities and associated capacities (a/c type)</i>	(Stand 1: available, Stand 2: available; ... HANG1 : In use (unavailable))

Table 7: Other Information Interface definition

### 3.9.6 Data Emulation Interface Requirements

Emulation means the ability to send the expected data processed by the ASDI system in a fully transparent way as if it were sent by the real source system. This is a key aspect to verify the prototype in the absence of the real external systems.

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[REQ]

Identifier	REQ-12.06.07-TS-DEIR.0010
Requirement	There shall be a tool that will emulate the sending of data related to Flights Information from the ATC systems to the ASDI system
Title	Emulation of Flights Information data
Status	<In Progress>
Rationale	Emulation of information received and processed by the ASDI system is a key aspect to verify the prototype in the absence of the real source system.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0201	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0202	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0203	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0226	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0505	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0004	<Full>
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0006	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0007	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0008	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0022	<Full>
<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0023	<Full>
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<SATISFIES>	<ATMS Requirement>	REQ-06.05.04-INTEROP-FLTP.0507	<Full>
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<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

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Identifier	<i>REQ-12.06.07-TS-DEIR.0020</i>
Requirement	There shall be a tool that will emulate the sending of data related to Runways Information from the ATC systems to the ASDI system
Title	Emulation of Runways Information data
Status	<In Progress>
Rationale	Emulation of information received and processed by the ASDI system is a key aspect to verify the prototype in the absence of the real source system.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-DEIR.0030</i>
Requirement	There shall be a tool that will emulate the sending of data related to Ground Movements Capacity Information from the ATC systems to the ASDI system
Title	Emulation of Runways Information data
Status	<In Progress>
Rationale	Emulation of information received and processed by the ASDI system is a key aspect to verify the prototype in the absence of the real source system.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-DEIR.0040</i>
Requirement	There shall be a tool that will emulate the sending of data related to

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	Meteorological Information from the ATC systems to the ASDI system
Title	Emulation of MET Information data
Status	<In Progress>
Rationale	Emulation of information received and processed by the ASDI system is a key aspect to verify the prototype in the absence of the real source system.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

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<ALLOCATED TO>	<Project>	12.06.07	N/A

[REQ]

Identifier	<i>REQ-12.06.07-TS-DEIR.0050</i>
Requirement	There shall be a tool that will emulate the sending of data related to Other Information from the ATC systems to the ASDI system
Title	Emulation of Runways Information data
Status	<In Progress>
Rationale	Emulation of information received and processed by the ASDI system is a key aspect to verify the prototype in the absence of the real source system.
Category	<Interface>
Validation Method	
Verification Method	<Test>

[REQ Trace]

Relationship	Linked Element Type	Identifier	Compliance
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<APPLIES TO>	<Operational Focus Area>	OFA05.01.01	N/A
<ALLOCATED_TO>	<Project>	12.06.07	N/A

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## 4 Assumptions

1. From a prototypes view, Selex and Indra will develop a prototype with different scopes:

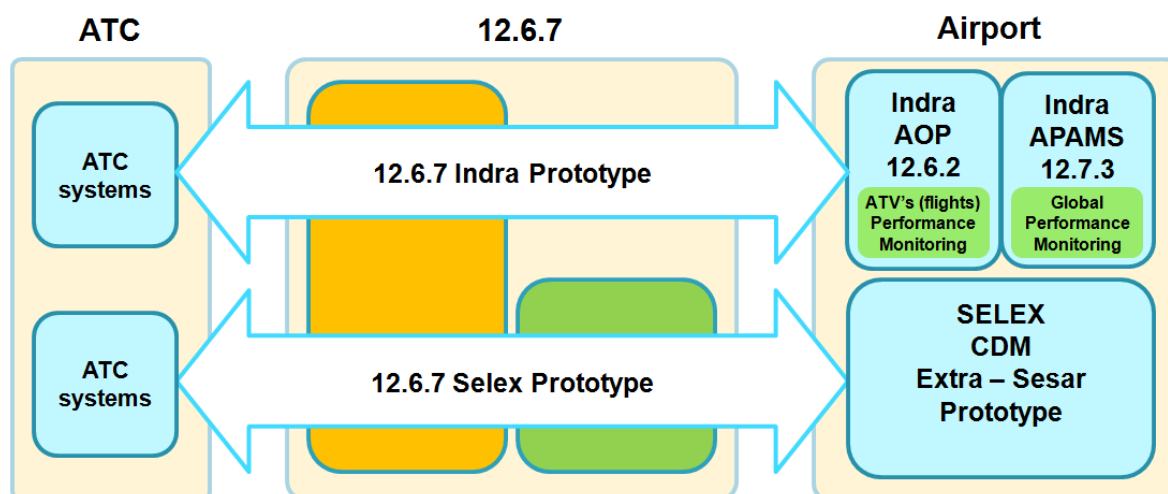


Figure 9: Project Context Prototypes View

Indra prototype will cover Information Exchange functionality in order to connect ATC systems with AOP/A-CDM and APAMS prototypes, which are in charge of Airport Performance Monitoring (ATV's and Global respectively).

Selex prototype will cover Information Exchange functionality in order to connect ATC systems with Selex CDM (Extra-Sesar prototype) and will add to this the Airport Performance Monitoring functionality.

2. 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 development (prototype), the implementation of these requirements are not mandatory and will be under each industry consideration. These requirements can be considered as recommendations during the industrialization phase being the parameters indicating only a suggestion for implementation since the feasibility of each requirement need to be analyzed.

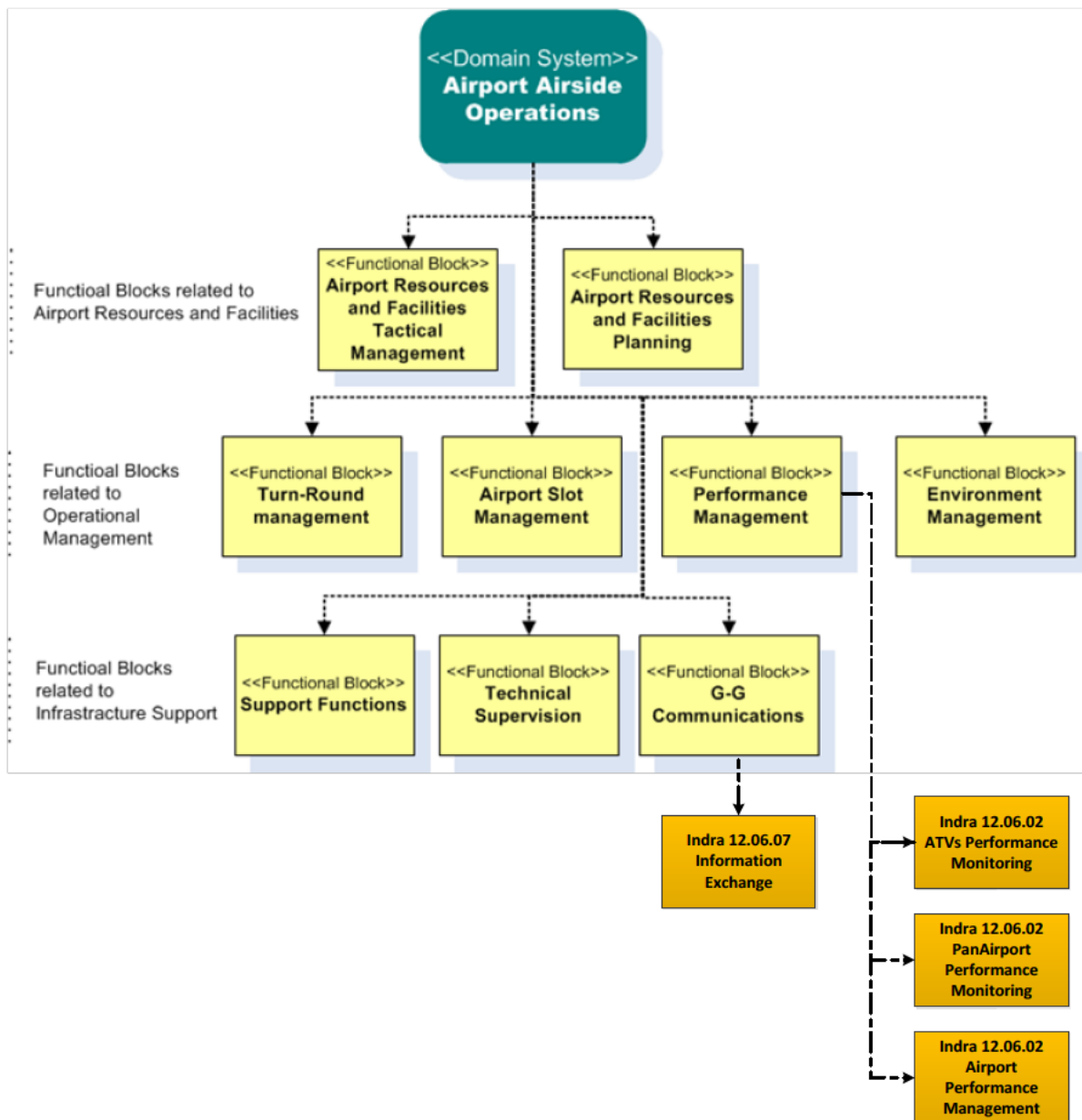


Figure 10: Indra prototype functional view

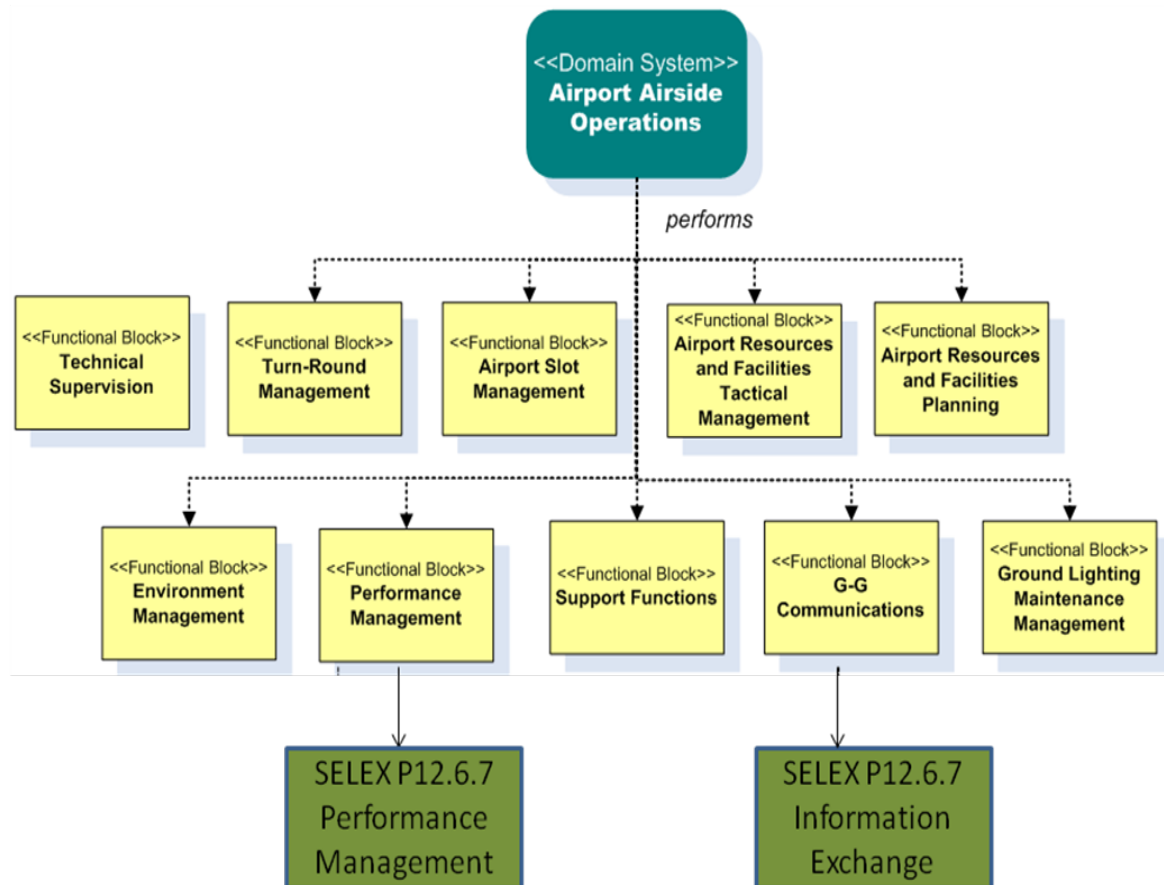


Figure 11: SELEX prototype functional view

## 5 References

- [1] SESAR Template Toolbox 03.01.01 (28/02/2014)  
<https://extranet.sesarju.eu/Programme%20Library/SESAR%20Template%20Toolbox.dot>
- [2] Requirements and V&V Guidelines 03.01.00 (05/02/2014)  
<https://extranet.sesarju.eu/Programme%20Library/Requirements%20and%20VV%20Guidelines.doc>
- [3] Templates and Toolbox User Manual 03.01.01 (28/02/2014)  
<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] 12.01.07 D22 Step1-3<sup>rd</sup> Iteration- Airport Technical Architecture Description (TAD) Ed 00.03.00 (19/12/2014)
- [6] 06.05.04 D16 OFA 05.01.01 Operational Service and Environment Definition Ed 00.02.36 (16/12/2014)
- [7] 06.05.04 D16 OFA 05.01.01 Operational Service and Environment Definition Ed 00.02.36 (16/12/2014)
- [8] P06.02 D07 Airport Detailed operational Description (DOD) Step 1 v01.00.01 (20/02/2012)
- [9] P06.08.04 D21 Step 2 V1 Initial OSED V00.01.00 (29/06/2012)
- [10] 06.05.04 D11 OFA 05.01.01 Preliminary Safety and Performance Requirements (SPR) V00.01.01 (09/10/2013)
- [11] 12.07.03 D13 System Technical Requirement Phase 2 V00.01.01 (14/03/2014)

### 5.1 Use of copyright / patent material /classified material

This document needs no prior consent of copyright and patent owner.

#### 5.1.1 Classified Material

There is no sensitive information contained in this technical specification.

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## Appendix A KPI-PDI Table

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
<b>EXECUTION TIMEFRAME</b>								
<b>ARRIVAL</b>								
Arrival Punctuality (Predictability)	SIBT EIBT AIBT	# Movements in a set time period	1a) SIBT – AIBT = x min OR 1b) EIBT – SIBT = x min (if AIBT is not available) 2) Count # movements with x < 3minutes = y 3) Count # movements with x < 15minutes = m 4) y/total # arrivals= z % 5) m/total # arrivals= n %	if n and/or z ≥ warning or alert level then issue warning or alert	n & z %	rolling per hour with update every 10,15 or 20 minutes starting one hour in the past until 24h forecast, display entire day	APOC Supervisor	AOM28+
Arrival Delay Block	SIBT (RBT data, not schedule) EIBT AIBT	minutes	1a) AIBT – SIBT = x min OR 1b) EIBT – SIBT = x min (if AIBT is not available) 2) Peak: x value that is the largest of the data set being analysed 3) Average: sum all x values/ total number of values = y	Peak: if x is > warning or alert value. Average: if y is > warning or alert value. Then issue warning or alert	Peak: x Average: y	rolling per hour with update every 10,15 or 20 minutes starting one hour in the past until 24h forecast, display entire day	APOC Supervisor	CDM16

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
Arrival Delay Runway	SLDT (RBT data, not schedule) ELDT ALDT	minutes	1a) ALDT- SLDT = x min OR 1b) ELDT – SLDT = x min (if ALDT is not available) 2) Peak: x value that is the largest of the data set being analysed 3) Average: sum all x values/ total number of values = y	Peak: if x is > warning or alert value.  Average: if y is > warning or alert value.  Then issue warning or alert	Peak: x Average: y	rolling per hour with update every 10,15 or 20 minutes starting one hour in the past until 24h forecast, display entire day	APOC Supervisor	CDM??
Air Holding Delay	AIAT (Actual stack entry)  Actual Stack exit (ALDT - min from stack)	minutes	1) Actual Stack Exit – AIAT = x min (if actuals available) 2) Peak: x value that is the largest of the data set being analysed 3) Average: sum all x values/ total number of values = y	Peak: if x is > warning or alert value.  Average: if y is > warning or alert value.  Then issue warning or alert	Peak: x Average: y	Operational Day split by Hour	APOC Supervisor	CDM17

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
Apron DCB: Taxi Time In (AXIT / EXIT)	ALDT AIBT EXIT	minutes	1a) AIBT – ALDT = x OR 1b) x = EXIT = (EIBT-ELDT) if actual times not aviable	If x > warning or alert level Then issue warning or alert	X min	Operational Day split by Hour	Ground Control Supervisor	CDM15
TMA DCB: STAR Loading Balance	Declared STAR capacity  SLDT / TLDT / ELDT / SIBT / TIBT whichever is available)	# flights	1) Actual Demand = # flights counted for each STAR (based on actuals) 2) Declared STAR capacity – actual STAR demand = x	If x < warning or alert value. Then issue warning or alert	X # flights	Operational Day split by Hour	Tower Supervisor	AOM29

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
Gate Conflict Alert	EIBT PKARR PKDEP TOBT	Minutes	<p>Check if EIBT + PKARR combo “overlaps” TOBT + PKDEP at same stand by x</p> <p>1) at TOBT/TSAT –Y minutes, the departing aircraft (at stand) presents a TOBT or TSAT&gt;EIBT (of the arriving aircraft) (Y is a adjustable value)</p> <p>2) at ALDT : TOBT(TSAT) &gt; EIBT' based on ALDT</p> <p>3) at TOBT/TSAT –X minutes, the departing aircraft (at stand) presents a TOBT or TSAT&gt;EIBT (of the arriving aircraft) (X is a adjustable value)</p>	If x > [local value, -20 min] then issue warning	CDM18A flag + message	When EIBT and TOBT available and/or change	Stand Allocation Unit Supervisor	CDM18
<b>DEPARTURE</b>								
Departure Punctuality (Predictability)	SOBT EOBT, TOBT, TSAT AOBT	# Movements in a set time period	<p>1a) AOBT-SOBT = x min OR 1b) EOBT – SIBT = x min (if AOBT is not yet available)</p> <p>2) Count # movements with x &lt; 3minutes = y</p> <p>3) Count # movements with x &lt; 15minutes = m</p> <p>4) y/total # arrivals= z %</p>	<p>if n and/or z ≥ warning or alert level</p> <p>then issue warning or alert</p>	n & z %	rolling per hour with update every 10,15 or 20 minutes starting one hour in the past until 24h forecast, display entire day	APOC Supervisor	AOM

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
			5) $m/\text{total \# arrivals} = n \%$					
Departure Delay	SOBT EOBT AOBT	minutes	1a) $\text{SOBT} - \text{EOBT} = x \text{ min}$ OR 1b) $\text{SOBT} - \text{AOBT} = x \text{ min}$ (If AOBT available) 2) Peak: x value that is the largest of the data set being analysed 3) Average: sum all x values/ total number of values = y	Peak: if x is > warning or alert value.  Average: if y is > warning or alert value.  Then issue warning or alert	Peak: x Average: y	Operational Day split by Hour	APOC Supervisor	AOM31
TSAT not respected by ATC	TSAT ASRT ASAT	Minutes	1a) $\text{ASRT} - \text{TSAT} = x \text{ min}$ OR 1b) $\text{ASAT} - \text{TSAT} = y \text{ min}$	If $x \leq +/- 5$ AND $y \Rightarrow +5$ then issue	CDM12 flag + message	When ASRT and ASAT available	Tower Supervisor	CDM12

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
				alert				
On stand Delay (start up delay)	TOBT ASAT TSAT	minutes	IF ASAT not available then use TSAT	If ASAT > TOBT – warning or alert value Then issue warning or alert	X min	5, 10 & 15 min	APOC Supervisor	CDM11
Apron DCB: Taxi Time Out (AXOT/EXOT)	AOBT / EOBT ATOT / TOT TSAT EXOT	minutes	1a) AOBT – ATOT = x OR 1b) x = EXOT( If actuals not available)	If x > warning or alert level Then issue warning or alert	X min	Operational Day split by Hour	APOC Supervisor	AOM31
TMA DCB: SID Loading Balance	Declared SID capacity  SOBT / TOBT / TSAT (whichever is available)	# flights	1) Actual Demand = # flights counted for each SID (based on actuals)  2) Declared capacity – actual SID demand = x	If x < warning or alert value. Then issue warning or alert	X # flights	Operational Day split by Hour	Tower Supervisor	AOM29
COMBINED								

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
Overall Punctuality (Predictability)	<ul style="list-style-type: none"> <li>• 3min arrival punctuality</li> <li>• 3 min departure punctuality</li> <li>• 15min arrival punctuality</li> <li>• 15 min departure punctuality</li> </ul>	%	<ol style="list-style-type: none"> <li>1) Average of arrival and departure punctuality (3 min)</li> <li>2) Average of arrival and departure punctuality (15 min)</li> </ol>	If percentage of punctual flights $\leq$ warning or threshold value then issue warning or alert	%	rolling per hour with update every 10,15 or 20 minutes starting one hour in the past until 24h forecast, display entire day	APOC Supervisor	AOM
AIRFIELD CAPACITY								

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
Runway Arrival Capacity Shortage	<ul style="list-style-type: none"> <li>Planned Operational (Practical) Runway Arrival Capacity (resulting from internal automatic DCB optimization based on current runway configuration plan)</li> <li>ELDT (best time principle based on SLDT, FUMs, AMAN times)</li> </ul>	# Movements in a set time period	1) Runway Arrival Demand - Runway Arrival Capacity = x mvts  2) Demand = $\sum$ ELDT per time period  Actual Times are for post ops only	IF $x \geq$ warning or alert level THEN issue warning or alert	# movements	Operational Day split by Hour AND next three hours split by 10, 15 or 20 minutes AND Rolling next 24 hours	Tower Supervisor	AOM26
Runway Departure Capacity Shortage	<ul style="list-style-type: none"> <li>Planned Operational (Practical) Runway Departure Capacity (resulting from internal automatic DCB optimization based on current runway</li> </ul>	# Movements in a set time period	1) Runway Departure Capacity – Runway Departure Demand = x mvts 2) Demand = $\sum$ ETOT per time period	IF $x \geq$ warning or alert level THEN issue warning or alert	# movements	Operational Day split by Hour AND next three hours split by 10, 15 or 20 minutes AND Rolling next 24 hours	Tower Supervisor	AOM26

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
	configuration plan)  • ETOT (best time principle based on STOT, EOBT+EXOT, TOBT+EXOT, TSAT+EXOT)							
Total Airport Capacity Shortage	• Sum of Planned Operational (Practical) Runway Arrival and Departure Capacities (resulting from internal automatic DCB optimization based on current runway configuration plan)  • ETOT (best time principle based on STOT, EOBT+EXOT, TOBT+EXOT, TSAT+EXOT)	# Movements in a set time period	1) Total Airport Demand- Total Airport Capacity = x mvts 2a) Demand = ELDT+ETOT OR 2b) ALDT+ATOT (if available) c) Demand = $\sum ELDT + \sum ETOT$	IF $x \geq$ warning or alert level THEN issue warning or alert	# movements	Operational Day split by Hour AND next three hours split by 10, 15 or 20 minutes AND Rolling next 24 hours	APOC Supervisor	AOM27

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
	<ul style="list-style-type: none"> <li>• ELDT (best time principle based on SLDT, FUMs, AMAN times)</li> </ul>							
<b>POST-OPERATIONAL</b>								
Landing Delay	ELDT ALDT	minutes	1) ALDT – ELDT = x min 2) Peak: x value that is the largest of the data set being analysed 3) Average: sum all x values/ total number of values = y	Peak: if x is > warning or alert value.  Average: if y is > warning or alert value. Then issue warning or alert	Peak: x Average: y	Operational Day split by Hour	APOC Supervisor	AOM31

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
Take-Off Delay	ETOT ATOT	minutes	1) $ATOT - ETOT = x \text{ min}$ 2) Peak: x value that is the largest of the data set being analysed 3) Average: sum all x values/ total number of values = y	Peak: if x is > warning or alert value.  Average: if y is > warning or alert value. Then issue warning or alert	Peak: x Average: y	Operational Day split by Hour	APOC Supervisor	AOM31
Taxi In Delay	EXIT AXIT	minutes	1) $AXIT - EXIT = x \text{ min}$ 2) Peak: x value that is the largest of the data set being analysed 3) Average: sum all x values/ total number of values = y	Peak: if x is > warning or alert value.  Average: if y is > warning or alert value. Then issue warning or alert	Peak: x Average: y	Operational Day split by Hour	APOC Supervisor	AOM31

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KPI / PDI	Inputs	Metric	Calculate Value Steps	Rule for KPI Comparison	Display	Time periods	Assigned Stakeholder	Warning / Alert Code
Taxi Out Delay	EXOT AXOT	minutes	1) AXOT – EXOT = x min 2) Peak: x value that is the largest of the data set being analysed 3) Average: sum all x values/ total number of values = y	Peak: if x is > warning or alert value.  Average: if y is > warning or alert value. Then issue warning or alert	Peak: x Average: y	Operational Day split by Hour	APOC Supervisor	AOM31

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## Appendix B Performance Monitoring Requirements for SELEX ES prototype

The requirements on Performance Monitoring, implemented by SELEX ES prototype, from Phase 1 to Phase 2 are moved from project 12.06.07 to project 12.07.03 and re-mapped.

In the table below you can find the map between requirements coming from deliverable D01 of 12.06.07 and requirements from deliverable D13 of project 12.07.03. the mapping was made only for the requirements implemented and tested by SELEX prototype.

REQ deleted in 12.06.07	REQ TEXT	Corresponding REQs in 12.07.03
REQ-12.06.07-TS-PMCI.0036	The PM shall calculate the "Departure Punctuality (Predictability)" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".	REQ-12.07.03-TS-MONI.4319
REQ-12.06.07-TS-PMCI.0037	The PM shall calculate the "Departure Punctuality (Predictability)" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".	REQ-12.07.03-TS-MONI.4324
REQ-12.06.07-TS-PMCI.0039	The PM shall calculate the "Departure Punctuality (Predictability)" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".	REQ-12.07.03-TS-MONI.4324
REQ-12.06.07-TS-PMCI.0038	For the "Departure Punctuality (Predictability)", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".	REQ-12.07.03-TS-MONI.4334 REQ-12.07.03-TS-MONI.7600
REQ-12.06.07-TS-PMCI.0040	The PM shall distribute the "Departure Punctuality (Predictability)" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.4374

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REQ-12.06.07-TS-PMCI.0051	The PM shall calculate the "Departure Delay" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".	REQ-12.07.03-TS-MONI.1249 REQ-12.07.03-TS-MONI.7240
REQ-12.06.07-TS-PMCI.0052	The PM shall calculate the "Departure Delay" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".	REQ-12.07.03-TS-MONI.3949 REQ-12.07.03-TS-MONI.4084 REQ-12.07.03-TS-MONI.7245 REQ-12.07.03-TS-MONI.7250
REQ-12.06.07-TS-PMCI.0054	The PM shall calculate the "Departure Delay" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".	REQ-12.07.03-TS-MONI.4084 REQ-12.07.03-TS-MONI.7250
REQ-12.06.07-TS-PMCI.0053	For the "Departure Delay", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".	REQ-12.07.03-TS-MONI.1250 REQ-12.07.03-TS-MONI.1251 REQ-12.07.03-TS-MONI.7664 REQ-12.07.03-TS-MONI.7255 REQ-12.07.03-TS-MONI.7659
REQ-12.06.07-TS-PMCI.0055	The PM shall distribute the "Departure Delay" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.1258 REQ-12.07.03-TS-MONI.7299
REQ-12.06.07-TS-PMCI.0056	The PM shall calculate the "TSAT not respected by ATC" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".	REQ-12.07.03-TS-MONI.7725
REQ-12.06.07-TS-PMCI.0057	The PM shall calculate the "TSAT not respected by ATC" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".	REQ-12.07.03-TS-MONI.7730
REQ-12.06.07-TS-PMCI.0059	The PM shall calculate the "TSAT not respected by ATC" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".	REQ-12.07.03-TS-MONI.7730
REQ-12.06.07-TS-PMCI.0058	For the "TSAT not respected by ATC", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".	REQ-12.07.03-TS-MONI.7740 REQ-12.07.03-TS-MONI.7750
REQ-12.06.07-TS-PMCI.0060	The PM shall distribute the "TSAT not respected by ATC" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.7789
REQ-12.06.07-TS-PMCI.0091	The PM shall calculate the "Runway Departure Capacity Shortage" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".	REQ-12.07.03-TS-MONI.0786 REQ-12.07.03-TS-MONI.0472
REQ-12.06.07-TS-PMCI.0092	The PM shall calculate the "Runway Departure Capacity Shortage" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".	REQ-12.07.03-TS-MONI.3884 REQ-12.07.03-TS-MONI.3984 REQ-12.07.03-TS-MONI.4049

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REQ-12.06.07-TS-PMCI.0094	The PM shall calculate the "Runway Departure Capacity Shortage" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".	REQ-12.07.03-TS-MONI.3884 REQ-12.07.03-TS-MONI.3984 REQ-12.07.03-TS-MONI.4049
REQ-12.06.07-TS-PMCI.0093	For the "Runway Departure Capacity Shortage", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".	REQ-12.07.03-TS-MONI.0787 REQ-12.07.03-TS-MONI.0473
REQ-12.06.07-TS-PMCI.0095	The PM shall distribute the "Runway Departure Capacity Shortage" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.0478 REQ-12.07.03-TS-MONI.0792
REQ-12.06.07-TS-PMCI.0096	The PM shall calculate the "Total Airport Capacity Shortage" taking as input the values indicated in the table "KPI-PDI Table", column "Inputs".	REQ-12.07.03-TS-MONI.0952 REQ-12.07.03-TS-MONI.5583 REQ-12.07.03-TS-MONI.6329 REQ-12.07.03-TS-MONI.6373 REQ-12.07.03-TS-MONI.6417 REQ-12.07.03-TS-MONI.6461 REQ-12.07.03-TS-MONI.6505 REQ-12.07.03-TS-MONI.6585
REQ-12.06.07-TS-PMCI.0097	The PM shall calculate the "Total Airport Capacity Shortage" following the steps indicated in the table "KPI-PDI Table", column "Calculate Value Steps".	REQ-12.07.03-TS-MONI.3914 REQ-12.07.03-TS-MONI.5588 REQ-12.07.03-TS-MONI.6334 REQ-12.07.03-TS-MONI.6378 REQ-12.07.03-TS-MONI.6422 REQ-12.07.03-TS-MONI.6466 REQ-12.07.03-TS-MONI.6510 REQ-12.07.03-TS-MONI.6590
REQ-12.06.07-TS-PMCI.0099	The PM shall calculate the "Total Airport Capacity Shortage" in the time periods indicated in the table "KPI-PDI Table", column "Time periods".	REQ-12.07.03-TS-MONI.3914 REQ-12.07.03-TS-MONI.5588 REQ-12.07.03-TS-MONI.6334 REQ-12.07.03-TS-MONI.6378 REQ-12.07.03-TS-MONI.6422 REQ-12.07.03-TS-MONI.6466 REQ-12.07.03-TS-MONI.6510 REQ-12.07.03-TS-MONI.6590

REQ-12.06.07-TS-PMCI.0098	For the "Total Airport Capacity Shortage", the PM shall distribute periodically the values indicated in the table "KPI-PDI Table", column "Display".	REQ-12.07.03-TS-MONI.0953 REQ-12.07.03-TS-MONI.7577 REQ-12.07.03-TS-MONI.5593 REQ-12.07.03-TS-MONI.7582 REQ-12.07.03-TS-MONI.6339 REQ-12.07.03-TS-MONI.6383 REQ-12.07.03-TS-MONI.6427 REQ-12.07.03-TS-MONI.6471 REQ-12.07.03-TS-MONI.6515 REQ-12.07.03-TS-MONI.6595
REQ-12.06.07-TS-PMCI.0100	The PM shall distribute the "Total Airport Capacity Shortage" values to the stakeholders indicated in the table "KPI-PDI", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.0958 REQ-12.07.03-TS-MONI.5620 REQ-12.07.03-TS-MONI.6367 REQ-12.07.03-TS-MONI.6411 REQ-12.07.03-TS-MONI.6455 REQ-12.07.03-TS-MONI.6499 REQ-12.07.03-TS-MONI.6543 REQ-12.07.03-TS-MONI.6623
REQ-12.06.07-TS-PMAD.0015	For the "Departure Punctuality (Predictability)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.	REQ-12.07.03-TS-MONI.4354
REQ-12.06.07-TS-PMAD.0016	Regarding the "Departure Punctuality (Predictability)", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.	REQ-12.07.03-TS-MONI.4344
REQ-12.06.07-TS-PMAD.0021	For the "Departure Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.	REQ-12.07.03-TS-MONI.1254 REQ-12.07.03-TS-MONI.1255 REQ-12.07.03-TS-MONI.7277 REQ-12.07.03-TS-MONI.7283
REQ-12.06.07-TS-PMAD.0022	Regarding the "Departure Delay", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.	REQ-12.07.03-TS-MONI.1252 REQ-12.07.03-TS-MONI.1253 REQ-12.07.03-TS-MONI.7265 REQ-12.07.03-TS-MONI.7271
REQ-12.06.07-TS-PMAD.0023	For the "TSAT not respected by ATC", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.	REQ-12.07.03-TS-MONI.7767

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REQ-12.06.07-TS-PMAD.0024	Regarding the "TSAT not respected by ATC", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.	REQ-12.07.03-TS-MONI.7755
REQ-12.06.07-TS-PMAD.0037	For the "Runway Departure Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.	REQ-12.07.03-TS-MONI.4040 REQ-12.07.03-TS-MONI.4054 REQ-12.07.03-TS-MONI.0789
REQ-12.06.07-TS-PMAD.0038	Regarding the "Runway Departure Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.	REQ-12.07.03-TS-MONI.0474 REQ-12.07.03-TS-MONI.4039 REQ-12.07.03-TS-MONI.0788
REQ-12.06.07-TS-PMAD.0039	For the "Total Airport Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the alert level is verified, the PM shall raise an alert.	REQ-12.07.03-TS-MONI.0955 REQ-12.07.03-TS-MONI.5604 REQ-12.07.03-TS-MONI.6351 REQ-12.07.03-TS-MONI.6395 REQ-12.07.03-TS-MONI.6439 REQ-12.07.03-TS-MONI.6483 REQ-12.07.03-TS-MONI.6527 REQ-12.07.03-TS-MONI.6607
REQ-12.06.07-TS-PMAD.0040	Regarding the "Total Airport Capacity Shortage", if the comparison, indicated in table "KPI-PDI Table", column "Rule for KPI Comparison", with the warning level is verified, the PM shall raise a warning.	REQ-12.07.03-TS-MONI.0954 REQ-12.07.03-TS-MONI.5598 REQ-12.07.03-TS-MONI.6345 REQ-12.07.03-TS-MONI.6389 REQ-12.07.03-TS-MONI.6433 REQ-12.07.03-TS-MONI.6477 REQ-12.07.03-TS-MONI.6521 REQ-12.07.03-TS-MONI.6601
REQ-12.06.07-TS-PMRA.0043	If the PM raises an alert related to the "Departure Punctuality (Predictability)", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".	REQ-12.07.03-TS-MONI.4364
REQ-12.06.07-TS-PMRA.0044	If the PM raises an alert related to the "Departure Punctuality (Predictability)", it shall be identified with an unique warning identifier.	REQ-12.07.03-TS-MONI.4364
REQ-12.06.07-TS-PMRA.0046	If the PM raises a warning related to the "Departure Punctuality (Predictability)", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".	REQ-12.07.03-TS-MONI.4369
REQ-12.06.07-TS-PMRA.0047	If the PM raises a warning related to the "Departure Punctuality (Predictability)", it shall be identified with an unique warning identifier.	REQ-12.07.03-TS-MONI.4369
REQ-12.06.07-TS-PMRA.0045	If the PM raises an alert related to the "Departure Punctuality (Predictability)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.4374

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REQ-12.06.07-TS-PMRA.0048	If the PM raises a warning related to the "Departure Punctuality (Predictability)", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.4374
REQ-12.06.07-TS-PMRA.0061	If the PM raises an alert related to the "Departure Delay", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".	REQ-12.07.03-TS-MONI.1256 REQ-12.07.03-TS-MONI.7289
REQ-12.06.07-TS-PMRA.0062	If the PM raises an alert related to the "Departure Delay", it shall be identified with a unique warning identifier.	REQ-12.07.03-TS-MONI.1256 REQ-12.07.03-TS-MONI.7289
REQ-12.06.07-TS-PMRA.0064	If the PM raises a warning related to the "Departure Delay", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".	REQ-12.07.03-TS-MONI.1257 REQ-12.07.03-TS-MONI.7294
REQ-12.06.07-TS-PMRA.0065	If the PM raises a warning related to the "Departure Delay", it shall be identified with a unique warning identifier.	REQ-12.07.03-TS-MONI.1257 REQ-12.07.03-TS-MONI.7294
REQ-12.06.07-TS-PMRA.0063	If the PM raises an alert related to the "Departure Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.1258 REQ-12.07.03-TS-MONI.7299
REQ-12.06.07-TS-PMRA.0066	If the PM raises a warning related to the "Departure Delay", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.1258 REQ-12.07.03-TS-MONI.7299
REQ-12.06.07-TS-PMRA.0067	If the PM raises an alert related to the "TSAT not respected by ATC", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".	REQ-12.07.03-TS-MONI.7779
REQ-12.06.07-TS-PMRA.0068	If the PM raises an alert related to the "TSAT not respected by ATC", it shall be identified with a unique warning identifier.	REQ-12.07.03-TS-MONI.7779
REQ-12.06.07-TS-PMRA.0070	If the PM raises a warning related to the "TSAT not respected by ATC", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".	REQ-12.07.03-TS-MONI.7784
REQ-12.06.07-TS-PMRA.0071	If the PM raises a warning related to the "TSAT not respected by ATC", it shall be identified with a unique warning identifier.	REQ-12.07.03-TS-MONI.7784
REQ-12.06.07-TS-PMRA.0069	If the PM raises an alert related to the "TSAT not respected by ATC", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.7789
REQ-12.06.07-TS-PMRA.0072	If the PM raises a warning related to the "TSAT not respected by ATC", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.7789
REQ-12.06.07-TS-PMRA.0109	If the PM raises an alert related to the "Runway Departure Capacity Shortage", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".	REQ-12.07.03-TS-MONI.0476 REQ-12.07.03-TS-MONI.0790

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REQ-12.06.07-TS-PMRA.0110	If the PM raises an alert related to the "Runway Departure Capacity Shortage", it shall be identified with a unique warning identifier.	REQ-12.07.03-TS-MONI.0476 REQ-12.07.03-TS-MONI.0790
REQ-12.06.07-TS-PMRA.0112	If the PM raises a warning related to the "Runway Departure Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.0478 REQ-12.07.03-TS-MONI.0792
REQ-12.06.07-TS-PMRA.0113	If the PM raises a warning related to the "Runway Departure Capacity Shortage", it shall be identified with a unique warning identifier.	REQ-12.07.03-TS-MONI.0477 REQ-12.07.03-TS-MONI.0791
REQ-12.06.07-TS-PMRA.0111	If the PM raises an alert related to the "Runway Departure Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.0478 REQ-12.07.03-TS-MONI.0792
REQ-12.06.07-TS-PMRA.0114	If the PM raises a warning related to the "Runway Departure Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.0478 REQ-12.07.03-TS-MONI.0792
REQ-12.06.07-TS-PMRA.0115	If the PM raises an alert related to the "Total Airport Capacity Shortage", it shall be identified with the alert code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".	REQ-12.07.03-TS-MONI.0956 REQ-12.07.03-TS-MONI.5610 REQ-12.07.03-TS-MONI.6357 REQ-12.07.03-TS-MONI.6401 REQ-12.07.03-TS-MONI.6445 REQ-12.07.03-TS-MONI.6489 REQ-12.07.03-TS-MONI.6533 REQ-12.07.03-TS-MONI.6613
REQ-12.06.07-TS-PMRA.0116	If the PM raises an alert related to the "Total Airport Capacity Shortage", it shall be identified with a unique warning identifier.	REQ-12.07.03-TS-MONI.0956 REQ-12.07.03-TS-MONI.5610 REQ-12.07.03-TS-MONI.6357 REQ-12.07.03-TS-MONI.6401 REQ-12.07.03-TS-MONI.6445 REQ-12.07.03-TS-MONI.6489 REQ-12.07.03-TS-MONI.6533 REQ-12.07.03-TS-MONI.6613
REQ-12.06.07-TS-PMRA.0118	If the PM raises a warning related to the "Total Airport Capacity Shortage", it shall be identified with the warning code indicated in the table "KPI-PDI Table", column "Warning / Alert Code".	REQ-12.07.03-TS-MONI.0957 REQ-12.07.03-TS-MONI.5615 REQ-12.07.03-TS-MONI.6362 REQ-12.07.03-TS-MONI.6406 REQ-12.07.03-TS-MONI.6450 REQ-12.07.03-TS-MONI.6494 REQ-12.07.03-TS-MONI.6538 REQ-12.07.03-TS-MONI.6618

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REQ-12.06.07-TS-PMRA.0119	If the PM raises a warning related to the "Total Airport Capacity Shortage", it shall be identified with a unique warning identifier.	REQ-12.07.03-TS-MONI.0957 REQ-12.07.03-TS-MONI.5615 REQ-12.07.03-TS-MONI.6362 REQ-12.07.03-TS-MONI.6406 REQ-12.07.03-TS-MONI.6450 REQ-12.07.03-TS-MONI.6494 REQ-12.07.03-TS-MONI.6538 REQ-12.07.03-TS-MONI.6618
REQ-12.06.07-TS-PMRA.0117	If the PM raises an alert related to the "Total Airport Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.0958 REQ-12.07.03-TS-MONI.5620 REQ-12.07.03-TS-MONI.6367 REQ-12.07.03-TS-MONI.6411 REQ-12.07.03-TS-MONI.6455 REQ-12.07.03-TS-MONI.6499 REQ-12.07.03-TS-MONI.6543 REQ-12.07.03-TS-MONI.6623
REQ-12.06.07-TS-PMRA.0120	If the PM raises a warning related to the "Total Airport Capacity Shortage", it shall be distributed to the stakeholders indicated in the table "KPI-PDI Table", column "Assigned Stakeholder".	REQ-12.07.03-TS-MONI.0958 REQ-12.07.03-TS-MONI.5620 REQ-12.07.03-TS-MONI.6367 REQ-12.07.03-TS-MONI.6411 REQ-12.07.03-TS-MONI.6455 REQ-12.07.03-TS-MONI.6499 REQ-12.07.03-TS-MONI.6543 REQ-12.07.03-TS-MONI.6623
REQ-12.06.07-TS-PMHM.0001	The PM shall have a HMI that allows each stakeholder to monitor the status of the metrics of interest.	REQ-12.07.03-TS-MONI.1828 REQ-12.07.03-TS-MONI.1958 REQ-12.07.03-TS-MONI.1958 REQ-12.07.03-TS-MONI.0408 REQ-12.07.03-TS-MONI.1823 REQ-12.07.03-TS-MONI.1838 REQ-12.07.03-TS-MONI.1833 REQ-12.07.03-TS-MONI.1843 REQ-12.07.03-TS-MONI.1848
REQ-12.06.07-TS-PMHM.0002	The PM HMI shall show all the KPI values, emphasizing those that have exceeded the level of warning/alert.	REQ-12.07.03-TS-MONI.3713 REQ-12.07.03-TS-MONI.1928 REQ-12.07.03-TS-MONI.1963

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REQ-12.06.07-TS-PMHM.0003	The PM HMI shall show a list of metrics, and for each metric must be visible: <ul style="list-style-type: none"><li>- The metric name</li><li>- The metric value</li><li>- Associated Alarm or Warning, if exist</li></ul>	REQ-12.07.03-TS-MONI.1828 REQ-12.07.03-TS-MONI.1958 REQ-12.07.03-TS-MONI.0408 REQ-12.07.03-TS-MONI.1823 REQ-12.07.03-TS-MONI.1838 REQ-12.07.03-TS-MONI.1833 REQ-12.07.03-TS-MONI.1843 REQ-12.07.03-TS-MONI.1848
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