

Enabling Digital Trust

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Agenda



Introduction and Overview

Risk/Threat Profile

Research Topics

Conclusions

What we do

NATS



Operation of Control Centres to manage UK airspace



A leading member of initiatives and alliances



Provide air traffic control services at airport towers



Provide aviation services to Airlines, ANSPs, Governments and the Military in over 30 countries



Management of UK Airspace



In UK airspace we handle



2.52 million
flights. 2.7% more
than 2017



Over 250 million
passengers



Watch our
**Value of UK
Airspace** video

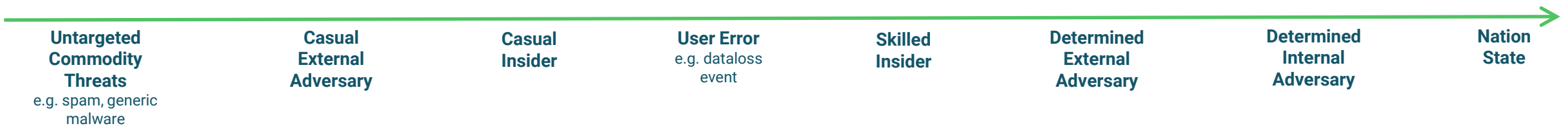


The threat landscape grows more sophisticated...

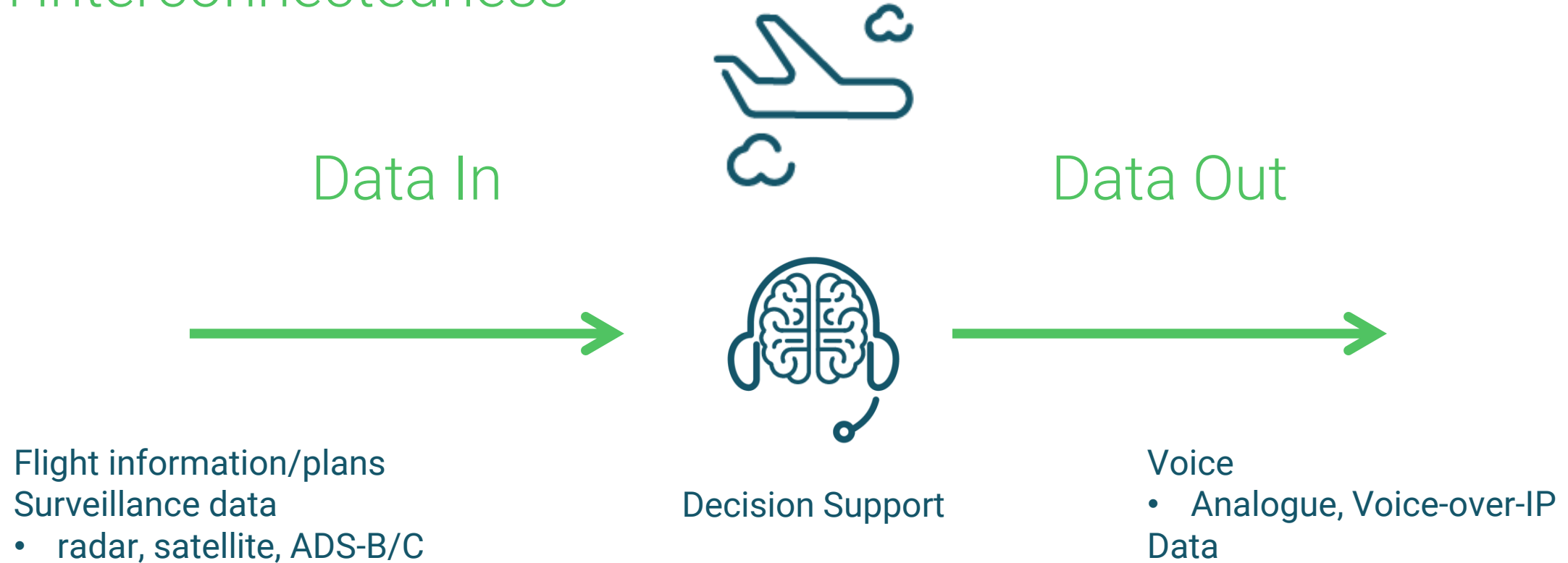


The capabilities and sophistication of threats to enterprise networks has seen exponential growth in the past 24 months since the success of Wannacry and NotPetya.

In addition organisations are seeing an increased determination from highly capable threat actors that increases an organisation's risk profile. These threats have manifested in the aviation industry ...

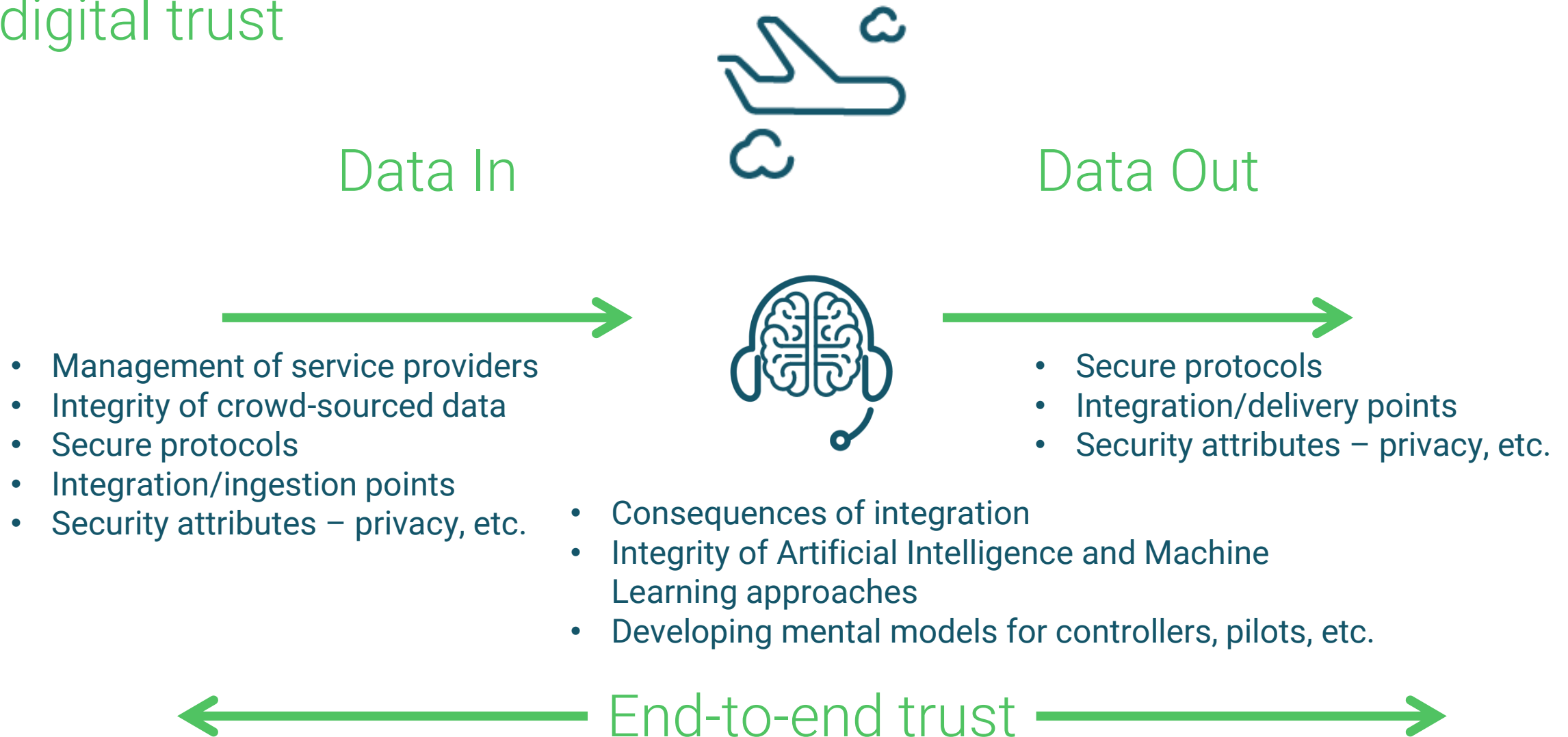


As an Air Traffic Management operator, we depend on interconnectedness



We share or collaborate over data in order to provide enhanced or optimised services

There are, therefore, themes that will enhance digital trust



Analysis of the interconnectedness of the aviation sector:

- Enables understanding of the current trust model
- Identifies vulnerabilities that need to be managed
- Identifies threats and risks from the emergent nature of the trust model
- Enables management of the trust model to address current and future threats and risks
- Identifies management techniques to be applied

Thank you

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