



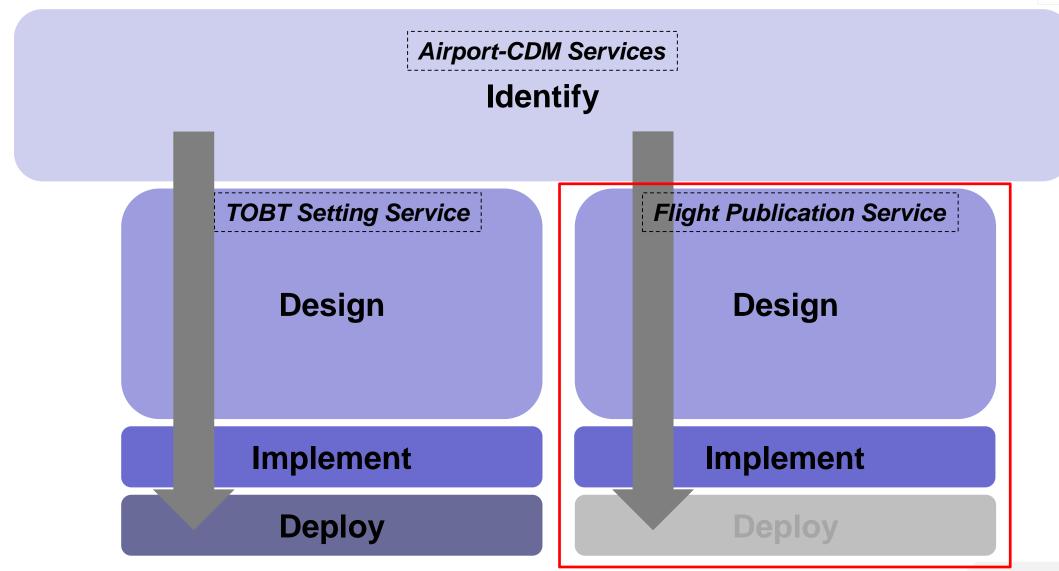
"Get into SWIM" session Design Flight Publication service

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DECMA / RTD / DAI - Digitalisation and Information unit
22nd May 2019





Approach for today



Starting point



- Assumption: Identify step with one or more identified services; possibly a priority list
- Input = One identified service for which we would know:
 - Name & Abstract
 - Intended provider & Intended consumer
 - IERs & NFRs
 - Exchanged information
 - Functions
 - Architectural considerations

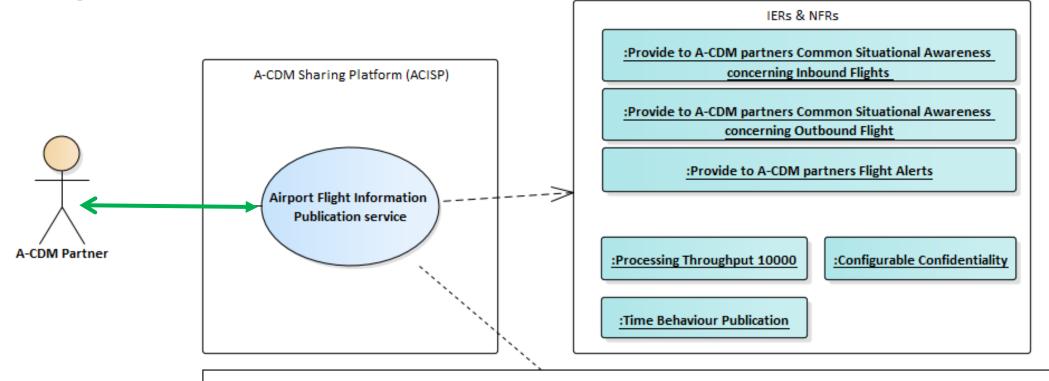
Note: Input can be refined during design if needed.

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Starting point

Flight Publication Example



Exchanged information:

Flight Alert: Flight Identifier, Alert Code, Alert Text, Alert Status code, Alert Level

Inbound Flight: Flight Identifier, Aircraft Identification, Aircraft Registration, Aircraft Type code, Departure Aerodrome IATA code, Departure Aerodrome ICAO code, Runway designator, Aircraft Stand designator, SIBT, ELDT, EIBT, ALDT, AIBT, Aircraft Flight Status

Outbound Flight: Flight Identifier, Aircraft Identification, Aircraft Registration, Aircraft Type code, Destination Aerodrome IATA code, Destination Aerodrome, ICAO code, Gate designator, Aircraft Stand designator, Runway designator, SID designator, SOBT, EOBT, TOBT update status code, TSAT, TTOT, CTOT, EXOT, ACGT, ASBT, ARDT, ASRT, ASAT, AOBT, ATOT, Aircraft Flight Status

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"Get into SWIM" session

Service Design and Implementation

Pedro Fernandez

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