



SDM-0405 — Static Aeronautical Data Common Service (Business Improvement)

The concept of Common Services (COSER) aims at addressing the high costs caused by European ATM fragmentation, by sharing common capabilities and offer it to different interested consumers in order to reduce the costs of ATM provision. The Common Service can be provided at different levels, ranging from local to sub regional level, depending on the underlying business model.

The function of the Static Aeronautical Data Common Service is to provide static aeronautical data in digital form to be used by different ATM systems (e.g. Safety Nets).

The output is an AIXM-compliant dataset whose subsets can be retrieved by individual requests demanding specific geographical areas, attributes or functional features.

The scope of the service is linked to the two elements already existing in EATMA:

¿ The Service ¿Aeronautical Information Feature¿.

¿ ¿Aeronautical information exchange¿ on iSWIM over the yellow profile as requested in the PCP Sub-Functionality AF5.3.

The Static Aeronautical Data Common Service can be provided at different levels, ranging from local to regional level, depending on the underlying business model.

Rationale Input aeronautical data are collected from internal and external sources, conveniently validated, processed according to the regulatory requirements to ensure quality and integrity level and finally generated as dataset. Configuration management tools should be implemented to better satisfy the consumers requirements.

Regarding the regulatory aspect, ADQ 1 applies for the entire data chain. European service providers have to comply with EU IR 73/2010.

Forecast V3 end date 30-09-2019

Benefits start date (IOC) -

Full benefits date (FOC) -

Current Maturity Level V1

Solution Data Quality Index -

Current Maturity Phase R&D

Scope -

Release -

PCP Status -

Context

Related Elements



SDM-0405



PJ.15-10

EN Enablers: No associated data

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	IS-0204	Facilitated Aeronautical Data Exchanges through Digitalised/Electronic Information	OI EN OBJ ICAO
Has predecessor	IS-0901-A	SWIM for sharing G/G data, traffic flow management information and aeronautical information	SOL OI EN OBJ DS PCP ICAO

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.15-10	Static Aeronautical Data Service	SESAR 2020 Wave 1	SOL PJ OI DS EOC

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO ICAO Block Modules: No associated data