



SDM-0401 — Sub-Regional DCB Common Service (Business Improvement)

The concept of Common Services (COSER) aims at addressing the high costs caused by European ATM fragmentation. The idea of sharing a common capability and offer it to different interested consumers is directed at reducing 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 purpose of providing the Sub-regional Demand Capacity Balancing (DCB) Common Service (Supporting the DCB capability within the ICAO Global Concept) is to facilitate an improved usage of the airspace at sub-regional level, through enhanced planning and consequently more appropriate tactical intervention when necessary, ensuring that any potential disruptions could be optimally managed.

Rationale Sub-regional DCB Common Service is to enable the Europe-wide benefits of an integrated Sub-regional operation through reduced cost of service provision. The developed service will support PCP mandates for Collaborative Network Management and use of SWIM Technical Infrastructure.

Forecast V3 end date 31-12-2019

Benefits start date (IOC) 31-12-2023

Full benefits date (FOC) 31-12-2029

Current Maturity Level V3

Solution Data Quality Index -

Current Maturity Phase R&D

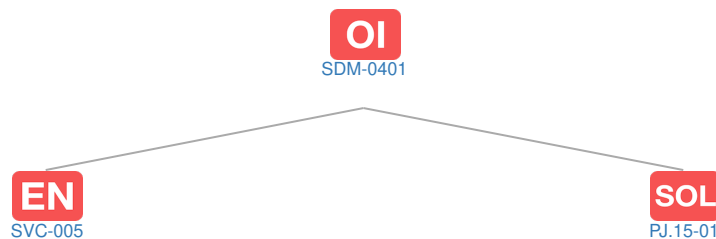
Scope -

Release -

PCP Status -

Context

Related Elements



EN Enablers

Code	Dates																																							
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40														
SDM-0401																																								
SVC-005																																								

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	AOM-0202-A	Automated Support for strategic, pre-tactical and tactical Civil-Military Coordination in Airspace Management (ASM).	SOL OI EN OBJ DS PCP ICAO
Has predecessor	AOM-0206-A	Flexible and modular ARES in accordance with the VPA design principle	SOL OI EN OBJ DS PCP ICAO
Has predecessor	AOM-0500	Direct Routing for flights both in cruise and vertically evolving for cross ACC borders and in high complexity environments.	SOL OI EN OBJ DS PCP ICAO
Has predecessor	AOM-0501	Free Routing for Flights both in cruise and vertically evolving within low to medium complexity environments	SOL OI EN OBJ DS PCP ICAO
Has predecessor	AUO-0101-A	Enhanced ATFM Slot Swapping	SOL OI EN OBJ DS ICAO
Has predecessor	AUO-0203	EFPL in NM processes	SOL OI EN OBJ DS PCP ICAO
Has predecessor	CM-0103-A	Automated Support for Traffic Complexity Assessment	SOL OI EN OBJ DS PCP ICAO
Has predecessor	DCB-0103-A	Initial collaborative NOP	SOL OI EN OBJ DS PCP ICAO
Has predecessor	DCB-0208	DCB in a trajectory management context	SOL OI EN OBJ DS PCP ICAO
Has predecessor	DCB-0308	Advanced Short Term ATFCM	SOL OI EN OBJ DS PCP ICAO

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.15-01	Sub-regional Demand Capacity Balancing Service	SESAR 2020 Wave 1	SOL PJ OI DS EOC

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data



ICAO Block Modules: No associated data