



DCB-0210 — Full integration of Dynamic Airspace Configurations into DCB

The aim of this OIs is to elaborate the complete DCB solution that includes Dynamic Airspace Configurations combined with 4D constraints to optimally adapt the capacity to the demand and minimise demand adjustments.

Integrated Airspace/4D constraints solutions are obtained through an iterative optimisation and CDM processes involving local, sub-regional and regional levels.

ATM resource (including airspace and ground resources) management efficiency will be improved through a seamless integration of Airspace Management functions and Dynamic Airspace Configurations (DAC) into the advanced DCB and ATC planning processes.

Rationale The definition of full integrated airspace/4D constraints solution will enable a seamless and coordinated approach from planning to execution phases.
It requires the development of a new timeline (strategic, pre-tactical, tactical) to adjust the capacity with a better anticipation based on new operating method, role and responsibility.
Integrated workflow and new tools will be designed for the iNWP (Integrated Network Working Position) : airspace configuration optimizer, what-if, messaging, to support CDM processes, as well as local actors, AUs and NM activities.

Forecast V3 end date -

Benefits start date (IOC) 31-03-2028

Full benefits date (FOC) 31-03-2034

Current Maturity Level V1 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

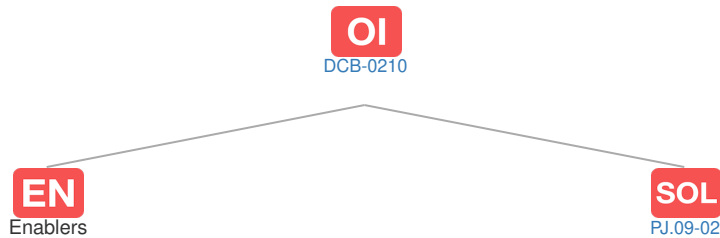
Scope -

Release 2020

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													
DCB-0210																																							
AAMS-02																																							
FOC-002																																							
METEO-06c																																							
NIMS-23																																							
NIMS-30																																							
NIMS-46																																							
SWIM-APS-03b																																							
SWIM-APS-04b																																							

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 SESAR Solutions

Code	Title	Program	Related Elements
PJ.09-02	Integrated Local DCB Processes	SESAR 2020 Wave 1	

PCP Elements: No associated data

Implementation Objectives: No associated data

ICAO Block Modules: No associated data