



AO-0824 — Network-connected Regional Airports

The connectivity between regional airports and the NMOC is improved thanks to the provision of DPI messages based on target times and a reduced set of turnaround milestones compared to the full A-CDM implementation. The applicability to regional airports is reliant on the high degree of predictability of airport parameters including taxi-times, turnaround times and passenger boarding times. Ground handler workload is reduced as a result of automatic determination of the aircraft-ready time (TOBT) based on the status of the passenger boarding provided by the local airport system. The expected benefits relate to Predictability, Flexibility and Efficiency for all airport stakeholders.

Rationale Currently the integration of airports into the ATM Network is achieved through either the A-CDM concept or the Advanced Tower concept.
A third category of airport (regional airports) is proposed where a reduced set of CDM milestones is implemented and calculated in a quasi-automatic fashion - reducing the need for Airline / Ground Handler inputs. Such an approach relies on the stability and predictability of taxi-times which is considered as feasible in such airports. This will be a way to simplify the work needed to manually update CDM milestones, and also to enable the connection of regional airport to NMOC.

Forecast V3 end date 31-12-2022

Benefits start date (IOC) 31-12-2028

Full benefits date (FOC) 31-12-2032

Current Maturity Level V2 finalised

Solution Data Quality Index -

Current Maturity Phase R&D

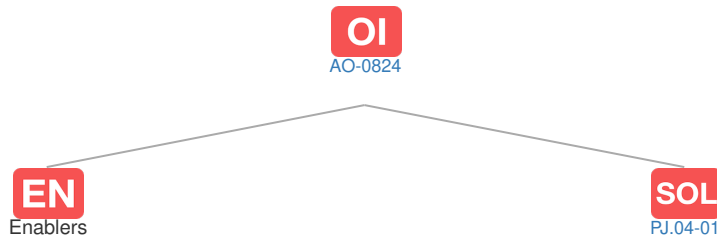
Scope -

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	
AO-0824																											
AIRPORT-03c																											
AIRPORT-38																											
AIRPORT-50																											
AOC-ATM-13																											
HUM-014																											
HUM-015																											
HUM-016																											
SWIM-APS-04a																											

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	DCB-0304	Improved Integration of Regional Airports into the Network	

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.04-01	Enhanced Collaborative Airport Performance Planning and Monitoring	SESAR 2020 Wave 1	

PCP Elements: No associated data

Implementation Objectives: No associated data

ICAO Block Modules: No associated data