



# 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 simlifie 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

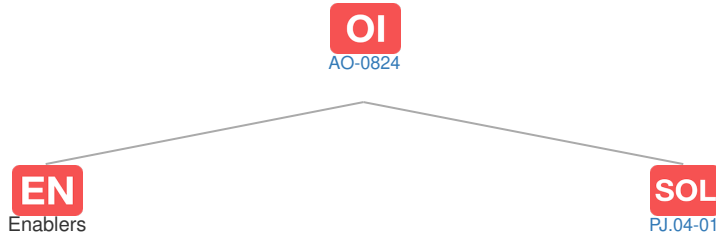
**Scope** -

**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