



AIRPORT-12 — Airport Business Intelligence System (Machine Learning based on historical data)

Airport system capable of either automatically or semi-automatically analyse large quantities of data to obtain prediction of key performance indicators to be used by airport decision support systems. This includes e.g.

- Fine tuning of airport performance framework and any parameter (one-dimensional or multi-dimensional parameters) linked to predictive analytics and airport decision support tools.
- The extraction of previously unknown interesting patterns such as group of data records, unusual records or tendencies (detection of deviation), and dependencies (search for dependencies between variables).

Category SYSTEM

Stakeholder Airport Operator
Civil
Civil APT operator

V3 End 31-12-2022

V4 Start 31-12-2024

V5 Start 31-12-2026

V4 End 31-12-2026

V5 End 31-12-2028

Airport Operator: 31-12-2028

Civil

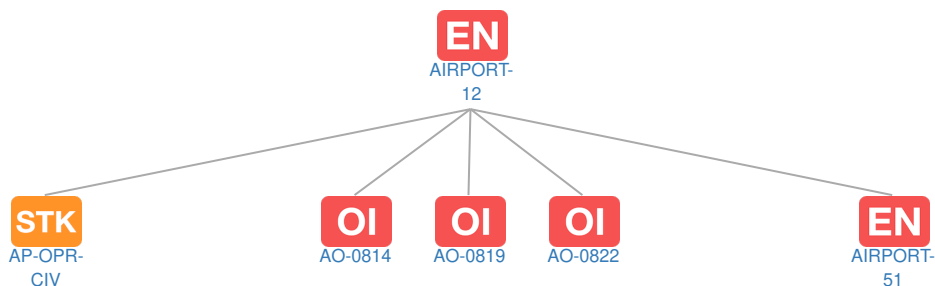
Civil APT operator: 31-12-2028

IOC 31-12-2028

FOC 31-12-2032

Context

Related Elements



OI Operational Improvement Steps

Code	Benefits start date (IOC) - Full benefit date (FOC)																																							
	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														
AIRPORT-12									▲		V4	V5	IOC - FOC																											
→ AO-0814																																								
→ AO-0819																																								
→ AO-0822																																								

EN Dependent Enablers

Relationship	Code	Title	Related Elements
Enabled by	AIRPORT-51	Airport Data Recording System	STK OI EN DS

PCP PCP Elements: No associated data

STK Stakeholders

Code	Title	Related Elements
AO	Airport Operator	EN
AP-OPR-CIV	Civil APT operator	EN

Standards: No associated data

OBJ Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

PJ SESAR Workpackages: No associated data