

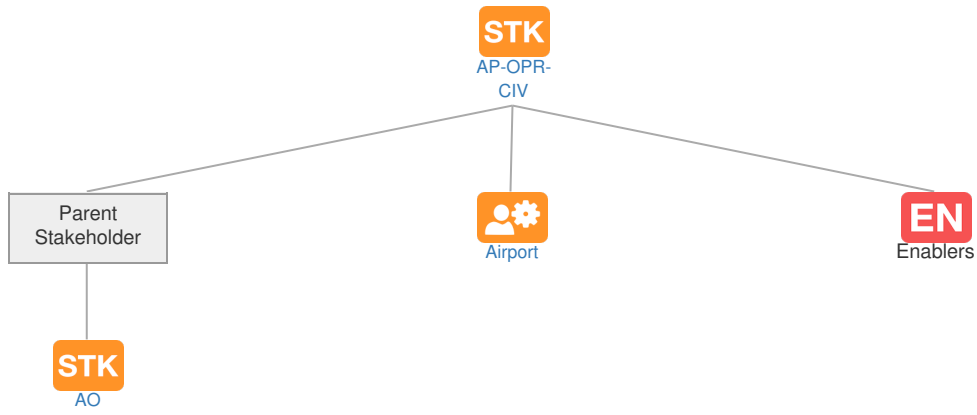


# AP-OPR-CIV - Civil APT operator

A public or private entity responsible for the management of one or more airports.

## Context

### Related Elements



## STK Parent Stakeholder

Title	Description	Related Elements
Airport Operator	A public or private entity responsible for the management of one or more airports.	EN

## STK Child Stakeholders: No associated data

## EN Enablers

Code	Title	IOC	Related Elements	Analysis
AERODROME-ATC-03	Surface movement control workstation equipped with tools for runway incursion detection and alerting	30-04-2014	STK OI EN	Analysis
AERODROME-ATC-05	Surface movement information processing enhancements to support Total Airport DCB and collaborative airport planning	31-10-2028	STK OI	Analysis
AERODROME-ATC-13	Surface movement information processing system enhanced with storage and dissemination of surface routes	31-12-2021	STK OI EN DS PCP	Analysis
AERODROME-ATC-20	Enhanced ADDEP (Airport Departure Data Entry Panel)	31-12-2017	STK OI EN DS	Analysis
AERODROME-ATC-22	Surface movement control workstation equipped with tools for resolution of surface conflicts	31-12-2027	STK OI EN	Analysis
AERODROME-ATC-26	Runway condition awareness management system based on runway sensors	31-12-2026	STK OI EN	Analysis
AERODROME-ATC-32	Runway condition awareness management system based on weather-based runway condition model	31-12-2026	STK OI EN DS	Analysis
AERODROME-ATC-28	Surface movement control workstation equipped with initial tools for Aerodrome Control Service	31-12-2006	STK OI EN	Analysis
AERODROME-ATC-32	Runway condition awareness management system based on weather-based runway condition model	31-12-2026	STK OI EN DS	Analysis
AERODROME-ATC-36	Airport surveillance data processing and distribution upgraded to store and forward flight plan data	31-12-2006	STK OI OBJ	Analysis
AERODROME-ATC-39	Digital ATIS (D-ATIS) provision to the aircraft	31-12-2007	STK OI	Analysis
AERODROME-ATC-47	Airport ATC Subsystem to incorporate aircraft observed runway surface condition	31-12-2026	STK OI EN	Analysis
AERODROME-ATC-61	Enhanced surface guidance management services to process the automatic triggering of airport ground signs according to the route issued by ATC	31-03-2022	STK OI EN DS	Analysis
AERODROME-ATC-61b	Advanced surface guidance management services to process the automatic triggering of airport ground signs and lighting according to the route issued by ATC	30-12-2027	STK OI EN DS	Analysis
AERODROME-ATC-64	Medium-Short Term Runway Management capacity planning support tool	31-12-2027	STK OI EN	Analysis
AERODROME-ATC-65	Tactical Runway Management capacity planning support tool	31-12-2027	STK OI EN	Analysis
AERODROME-ATC-79	Provide a Multiple Remote Tower Module (MRTM) that enables one ATCO to control multiple remote towers simultaneously	30-06-2027	STK OI DS	Analysis
AERODROME-ATC-81	ATCO planning tool for a Multiple Remote Tower Module (MRTM)	30-06-2027	STK OI DS	Analysis
AERODROME-ATC-82	Technical supervision from a Multiple Tower Remote Module (MRTM)	30-06-2027	STK OI DS	Analysis
AERODROME-ATC-83	Multiple Remote Tower planning tools for Supervisor	-	STK OI DS	Analysis
AERODROME-ATC-84	Multiple Remote Tower Module allowing dynamic allocation of aerodromes	-	STK OI DS	Analysis
AERODROME-ATC-85	Provide the Multiple Remote Tower Module with automation functionalities to reduce controller workload	-	STK OI DS	Analysis
AERODROME-ATC-87	RWSL management tool fed with airport surveillance data to determine runway usage and to control the airfield Runway Status Lights	29-04-2021	STK OI EN DS	Analysis
AERODROME-ATC-88	Multiple Remote Tower Module provided with basic ground surveillance	31-12-2026	STK OI	Analysis

Code	Title	IOC	Related Elements	Analysis
AERODROME-ATC-92	Real-time Airport Weather Observation service with Artificial Intelligence algorithms	31-10-2029	STK OI DS	Analysis
AERODROME-ATC-95	Runway condition awareness management system based on surveillance	31-12-2026	STK OI EN	Analysis
AERODROME-ATC-96	Runway condition awareness management system based on braking action data reported by flight crew	31-12-2026	STK OI EN	Analysis
AERODROME-ATC-32	Runway condition awareness management system based on weather-based runway condition model	31-12-2026	STK OI EN DS	Analysis
AERODROME-ATC-97	Runway condition awareness management system based on manual assessment of contamination	31-12-2026	STK OI EN	Analysis
AERODROME-ATC-98	Runway condition awareness management system providing predicted runway surface information	31-12-2026	STK OI EN	Analysis
AIMS-07a	Generation of Enhanced Pre-flight Briefing based on digital data	31-12-2023	STK OI EN DS	Analysis
AIMS-13	Controlled & Harmonised Aeronautical Information Network Activity (CHAIN)	31-12-2006	STK OI	Analysis
AIMS-16	Electronic Terrain and Obstacle Data (TOD)	31-12-2023	STK OI EN OBJ DS	Analysis
AIMS-23	Enhanced digital data chain to ensure Aeronautical Information data provision to meet full 4D trajectory management requirements	31-12-2023	STK OI DS	Analysis
AIRPORT-01	In-vehicle access to ground clearances and information	31-12-2027	STK OI EN DS	Analysis
AIRPORT-02	TTA Airport Impact Assessment Tool	31-12-2021	STK OI EN DS	Analysis
AIRPORT-02b	Enhanced Airport Impact Assessment Tool	-	STK OI EN DS	Analysis
AIRPORT-03	Airports Operation Plan (AOP) tool	31-12-2020	STK OI EN DS PCP	Analysis
AIRPORT-03b	Enhanced Airport Operation Plan (AOP) Tool	31-12-2027	STK OI EN DS	Analysis
AIRPORT-03c	Light Airport Operational Plan (AOP) Management Tool (for Regional Airports)	31-12-2028	STK OI EN DS	Analysis
AIRPORT-04	De-icing support tool in a A-CDM environment	31-12-2022	STK OI EN DS	Analysis
AIRPORT-06	UDPP Departure on A-CDM Airport system	-	STK OI EN DS	Analysis
AIRPORT-07	Decision support processes/tools for airport operations management	31-12-2027	STK OI EN DS	Analysis
AIRPORT-08	Decay Enhancing Devices	31-08-2025	STK OI DS	Analysis
AIRPORT-09	Airport Data Replay System	31-12-2026	STK OI EN	Analysis
AIRPORT-51	Airport Data Recording System	31-12-2026	STK OI EN DS	Analysis
AIRPORT-10	Meteo Impact Assessment Tool	31-12-2028	STK OI DS	Analysis
AIRPORT-11	Meteo Advisory Tool	31-12-2027	STK OI	Analysis
AIRPORT-12	Airport Business Intelligence System (Machine Learning based on historical data)	31-12-2028	STK OI EN	Analysis
AIRPORT-51	Airport Data Recording System	31-12-2026	STK OI EN DS	Analysis
AIRPORT-16	Provide a ground-based vehicles management service to support 'Non-autonomous Engine-off Taxiing'.	-	STK OI	Analysis
AIRPORT-30	Use of airport wireless communication infrastructure for mobile data'	31-12-2022	STK OI EN DS	Analysis
AIRPORT-31	Airport CDM (levels 1, 2 & 3)	26-06-2010	STK OI EN DS PCP	Analysis
AIRPORT-34	Airport equipped with (real time) environmental monitoring systems	31-12-2008	STK OI DS	Analysis
AIRPORT-35a	Airport CDM (level 4 - CDM integrated with passenger process)	31-12-2023	STK OI EN DS	Analysis
AIRPORT-35b	Airport CDM (level 4 - CDM integrated with landside processes)	31-12-2028	STK OI DS	Analysis
AIRPORT-36	Provision by the Airport Operator of the relevant constraint to Aerodrome ATC	31-12-2019	STK OI EN DS	Analysis
AIRPORT-37	Systems for the detection and identification of Foreign Objects Debris (FOD).	31-10-2010	STK OI	Analysis

Code	Title	IOC	Related Elements	Analysis
AIRPORT-38	Airport/ATFCM Extended data interface	31-12-2020	STK OI EN DS PCP	Analysis
AIRPORT-40	Airport Performance Monitoring System	31-12-2022	STK OI EN DS	Analysis
AIRPORT-40b	Enhanced Airport Performance Monitoring System (Airside/Lanside dashboard)	31-12-2028	STK OI EN DS	Analysis
AIRPORT-41	Airport Operations Centre Support Tools (Dashboard)	31-12-2028	STK OI DS	Analysis
AIRPORT-42	Tactical Capacity Planning Tools (Airside/Landside)	31-12-2028	STK OI DS	Analysis
AIRPORT-44	On-board vehicle display for taxi information and clearances, using common airport map database	-	STK OI EN DS	Analysis
AIRPORT-45	On-board vehicle system to provide safety net alerts to vehicle drivers	31-12-2022	STK OI EN DS	Analysis
AIRPORT-46	On-board vehicle safety net alerts generation	31-12-2022	STK OI EN DS	Analysis
AIRPORT-47	Surface Traffic Situational Awareness to process and display in an 'On-board Vehicle System' the own position and surrounding traffic.	31-12-2022	STK OI EN DS	Analysis
AIRPORT-48	Advanced Airport UDPP integrated with AOP Monitoring	31-12-2027	STK OI DS	Analysis
AIRPORT-49	Airfield Ground Lighting system upgraded to provide the Runway Status Lights	29-04-2021	STK OI EN DS	Analysis
AIRPORT-50	Airport Operational Business Model Database for Determination of CDM Event Milestones	31-12-2028	STK OI DS	Analysis
AIRPORT-51	Airport Data Recording System	31-12-2026	STK OI EN DS	Analysis
AIRPORT-52	DPI/API revision triggered by airport capacity constrained situations	31-12-2027	STK OI DS	Analysis
AIRPORT-54	Airport Data Analysis System (Post-Ops based on Recording)	31-12-2026	STK OI EN DS	Analysis
AIRPORT-51	Airport Data Recording System	31-12-2026	STK OI EN DS	Analysis
AIRPORT-55	Data transmission means supporting aircraft-airport exchange of information (airport side)	31-12-2026	STK OI EN	Analysis
APP ATC 110	Enhance Arrival Management to collaborate with non-local Departure Management.	31-12-2028	STK OI DS	Analysis
CTE-C02d	New Airport Datalink technology (AEROMACS)	31-12-2022	STK OI EN DS ⚙️	Analysis
CTE-C02d0	New Airport Datalink technology (AEROMACS)	31-12-2029	STK OI DS	Analysis
CTE-C03c	Commercial wireless technologies at the Airport surface (not for safety-critical services)	31-12-2029	STK OI DS ⚙️	Analysis
CTE-C14	Advanced VCS (Voice Com System) for a Multiple Remote Tower Module (MRTM)	30-06-2027	STK OI DS	Analysis
CTE-S05	Gradual rationalisation of conventional surveillance infrastructure (ADS-B/WAM vs SSR and MSPSR vs PSR)	12-09-2018	STK OI EN ⚙️	Analysis
CTE-S06	Composite Surveillance	-	STK OI EN DS	Analysis
CTE-S07b	Coop sensor SPM Tool ∫ Surface	08-06-2030	STK OI EN DS	Analysis
CTE-S07d	Non-Coop sensor SPM Tool ∫ Surface	08-06-2030	STK OI EN DS	Analysis
GGSWIM-11	ATM Information based on a common Aeronautical Information Exchange Model (AIXM)	31-12-2012	STK OI	Analysis
HUM-007	New communication and interaction patterns between stakeholders of airport operations linked to collaborative rolling AOP/NOP management.	31-12-2019	STK OI DS PCP 👤	Analysis
HUM-008	Role of APOC supervisor	31-12-2027	STK OI DS 👤	Analysis
HUM-009	New role of APOC representative from Airport Operator	31-12-2023	STK OI DS 👤	Analysis
HUM-010	New role of APOC representative from Ground Handling Agent	-	STK OI DS 👤	Analysis
HUM-013	Tasks transfer from AOP stakeholders to APAMS	31-12-2023	STK OI 👤	Analysis
HUM-014	New interactions and communication patterns for the integration of landside process outputs into the A-CDM process.	31-12-2023	STK OI DS 👤	Analysis

Code	Title	IOC	Related Elements	Analysis
HUM-015	New working methods for the integration of landside process outputs into the A-CDM process.	31-12-2023	STK OI DS	Analysis
HUM-016	New working methods for the integration of the Airport Transit View (ATV) into the A-CDM process.	31-12-2022	STK OI DS	Analysis
METEO-03	Provision and monitoring of real-time airport weather information (PCP)	01-07-2022	STK OI EN DS PCP	Analysis
METEO-04b	Generate and provide MET information services relevant for Airport and final approach related operations (PCP)	01-07-2022	STK OI EN DS PCP	Analysis
METEO-04c	Generate and provide MET information relevant for Airport and approach related operations at short notice ('time to decision' between 3 minutes and 7days) including rotorcraft and RPAS	31-12-2026	STK OI EN DS 	Analysis
MIL-0108	Exchange of specific MT data (ARES description) in standard format	31-12-2027	STK OI	Analysis
NIMS-06	Network information management system equipped with post-analysis tools for airport traffic	31-12-2017	STK OI	Analysis
NIMS-13b	Enhanced short term ATFM measures ( STAM)	31-12-2019	STK OI DS PCP	Analysis
NIMS-13c	Full regional support of dDCB	01-04-2023	STK OI DS	Analysis
NIMS-18	Flight Planning management sub-system enhanced to use the latest airspace information	30-01-2006	STK OI	Analysis
NIMS-33	Dedicated tools supporting Airport Slot Monitoring (e.g. Stanly, AMON)	31-12-2010	STK OI	Analysis
NIMS-41	NM interface capable to integrate Airport impact assessment	31-12-2021	STK OI EN DS	Analysis
NIMS-46	Integrated local DCB working position	31-12-2027	STK OI DS	Analysis
PRO-028	Procedures to support AOP-NOP collaborative process	31-12-2019	STK OI DS PCP	Analysis
PRO-042b	ATC Contingency Procedures (Airport) for ameliorating the consequences of a critical event as well as Procedures for coordinating with operators affected including any adjustments to priority rules	31-12-2012	STK OI	Analysis
PRO-062b	Airport Operational Procedures implementing Best Practices for Prevention of Runway Incursions	31-12-2007	STK OI	Analysis
PRO-073	Airport Procedures to maximise throughput of de-icing stands	26-06-2010	STK OI EN	Analysis
PRO-073a	Procedures to optimise the de-icing process within the constraints of the operational schedule, the optimal runway use and the local de-icing capacity.	31-12-2022	STK OI EN DS	Analysis
PRO-075	Airport infrastructure and procedures governing de-icing to isolate surface water systems, collect and dispose of run-off, use the least harmful chemical, reduce the quantities required, reduce delays and increase recovered volumes of fluid	31-12-2008	STK OI	Analysis
PRO-137	Airport Operations Procedures for vehicle drivers for systematic, standard response to safety alerts	31-12-2016	STK OI	Analysis
PRO-190	ATC Procedures for Managing Environmental Noise Capacity	31-12-2008	STK OI	Analysis
PRO-201a	Procedures linked to Improvement of Surveillance on the Manoeuvring Area on and around the Runway	31-12-2006	STK OI	Analysis
PRO-204a	Collaborative Procedures (Airport) for improving Airport Operations in Adverse Conditions	31-12-2007	STK OI	Analysis
PRO-213a	CDM information sharing Airport Procedures for turn-around	26-06-2010	STK OI	Analysis
PRO-214a	Airport CDM Procedures for pre-departure sequencing	26-06-2010	STK OI PCP	Analysis
PRO-242	Procedure for the collection of the Airport slots	31-12-2012	STK OI	Analysis
PRO-246	Procedures for standardised response to Runway Status Lights	29-04-2021	STK OI DS	Analysis
PRO-249	Procedures Linked to Collaborative Airport Performance Management	31-12-2028	STK OI EN DS	Analysis
PRO-253	APOC Adverse Situation Collaboration Procedure with Remote Airports	-	STK	Analysis
PRO-ENV-12a	Exploiting new ATM and aircraft capabilities to optimise the aircraft noise footprint at airports (Airlines)	31-12-2008	STK OI	Analysis
PRO-ENV-12b	Exploiting new ATM and aircraft capabilities to optimise the aircraft noise footprint at airports (Airports)	31-12-2008	STK OI	Analysis

Code	Title	IOC	Related Elements	Analysis
PRO-ENV-13a	Airline Procedures for exploiting new ATM and aircraft capabilities with a view to optimising atmospheric emissions from aircraft operations	31-12-2008	STK OI	Analysis
PRO-ENV-13b	Airport Procedures for exploiting new ATM and aircraft capabilities with a view to optimising atmospheric emissions from aircraft operations	31-12-2008	STK OI	Analysis
SVC-039	Provision of cost-efficient Aeronautical Digital Maps using a Common Service	20-12-2025	STK OI DS	Analysis
SWIM-APS-01a	Provision of G/G Aeronautical Information services	31-12-2020	STK OI EN DS PCP S	Analysis
SWIM-APS-02a	Consumption of Aeronautical Information services	31-12-2020	STK OI EN DS PCP S	Analysis
SWIM-APS-04a	Consumption of G/G ATFCM Information Services	31-12-2020	STK OI EN DS PCP S	Analysis
SWIM-APS-06a	Provision of Airport Ground Sensor Meteorological Information Services	-	STK OI EN DS PCP S	Analysis
SWIM-APS-07a	Stakeholder systems consumption of G/G Meteorological Information services	31-12-2023	STK OI EN DS PCP S	Analysis
SWIM-APS-12a	Provision and Consumption of general information for air traffic management using SWIM	31-12-2019	STK OI EN S	Analysis
SWIM-INFR-05a	General SWIM Services infrastructure Support and Connectivity.	31-12-2020	STK OI EN DS PCP	Analysis
SWIM-INFR-06b	Ground side SWIM technical infrastructure for Air-Ground Advisory Information Sharing	31-12-2028	STK OI EN DS	Analysis
SWIM-NET-01a	SWIM Network Point of Presence	31-12-2020	STK OI EN DS PCP	Analysis
SWIM-SUPT-05a	SWIM Supporting IP Network Bridging Provisions	31-12-2015	STK OI EN	Analysis