

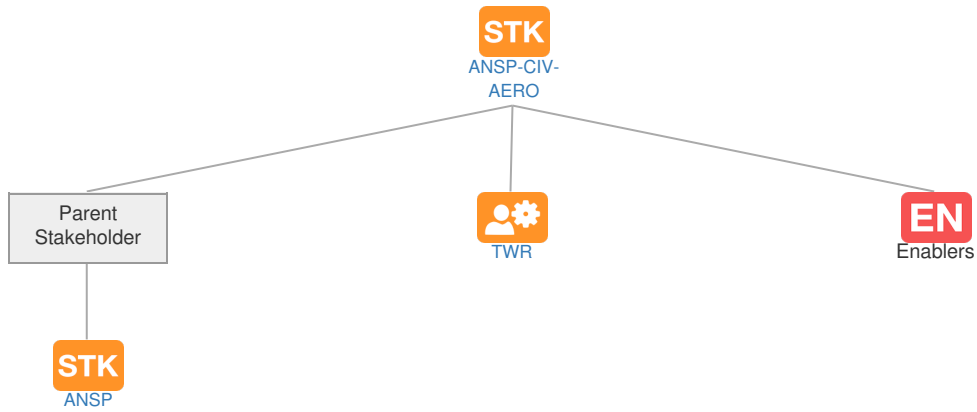


ANSP-CIV-AERO - Civil ATS Aerodrome Service Provider

The provider of air traffic services for aerodrome traffic at one or more aerodromes.

Context

Related Elements



STK Parent Stakeholder

Title	Description	Related Elements
Air Navigation Service Provider	A public or private entity providing air navigation services	EN

STK Child Stakeholders: No associated data

EN Enablers

Code	Title	IOC	Related Elements	Analysis
AERODROME-ATC-01	Surface movement control workstation equipped with tools for Controller-Pilot dialogue using datalink	31-12-2026	STK OI EN	Analysis
AERODROME-ATC-02a	Surface movement management tools updated to provide the D-TAXI information to the pilot	31-12-2022	STK OI EN DS	Analysis
AERODROME-ATC-02b	Surface movement management tools updated to provide the data-link information to the pilot for Trajectory Based Operations	31-12-2028	STK OI EN DS	Analysis
AERODROME-ATC-03a	Runway monitoring and conflict alerting (RMCA) system based on alternative aerodrome surveillance	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-04	ANSP Civil ATS Aerodrome service providers (incl. Civil - AMS Apron Management Service)		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-06	A-SMGCS incorporating the function that detects Conflicting ATC Clearances (CATC) for runway operations	-	STK OI EN DS PCP	Analysis
AERODROME-ATC-06a	Alternative aerodrome surveillance incorporating the function that detects Conflicting ATC Clearances (CATC) for runway operations	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-06b	A-SMGCS incorporating the function that detects Conflicting ATC Clearances (CATC) on the entire airport surface	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-07	A-SMGCS incorporating the function that provides Conformance Monitoring Alerts for Controllers (CMAC) on the movement area	-	STK OI EN DS PCP	Analysis
AERODROME-ATC-07a	Alternative aerodrome surveillance incorporating the function that provides Conformance Monitoring Alerts for Controllers (CMAC) on the movement area	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-07b	A-SMGCS incorporating the function that provides an advanced set of Conformance Monitoring Alerts for Controllers (CMAC) on the movement area	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-08	Basic Departure Management (DMAN) integrated with A-CDM systems	31-12-2010	STK OI EN DS PCP	Analysis
AERODROME-ATC-09a	Flow based Improvement of operational orchestration among arrival / departure management and surface management services	31-12-2021	STK OI EN DS	Analysis
AERODROME-ATC-09c	Improvement of operational orchestration among arrival / departure management and surface management services		STK OI EN	Analysis
AERODROME-ATC-12	Provision of automatically generated taxi routes for aircraft and vehicles	-	STK OI EN DS PCP	Analysis
AERODROME-ATC-12b	Provision of optimised taxi routes for mobiles on the movement area	31-12-2028	STK OI EN DS	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-14	Surface movement management tools updated to provide ground clearances and information to the vehicle driver	31-12-2028	STK OI EN DS	Analysis
AERODROME-ATC-16a	Runway Usage Management sub-system capable of processing dynamic wake-turbulence information	31-12-2023	STK OI EN	Analysis

Code	Title	IOC	Related Elements	Analysis
AERODROME-ATC-17	Airport ATC tool to Support Time-Based Separation in Final Approach	31-12-2019	STK OI DS PCP	Analysis
AERODROME-ATC-18	Interfacing between DMAN and Routing module	31-12-2019	STK OI DS	Analysis
AERODROME-ATC-19	Runway Usage Management sub-system capable of processing initial departure path wind conditions information	03-03-2025	STK OI EN DS	Analysis
AERODROME-ATC-20	Enhanced ADDEP (Airport Departure Data Entry Panel)	31-12-2017	STK OI EN DS	Analysis
AERODROME-ATC-21	A-SMGCS extended with dedicated processing to provide alerts for vehicles	31-12-2022	STK OI EN DS	Analysis
AERODROME-ATC-23a	Enhanced A-SMGCS Core Surveillance function for new A-SMGCS Services	-	STK OI	Analysis
AERODROME-ATC-25	Aerodrome ATC System to support Second Runway Aiming Point operations	31-08-2026	STK OI EN DS	Analysis
AERODROME-ATC-27	Sequence Management system enhanced to use new wake turbulence separations	31-08-2026	STK OI	Analysis
AERODROME-ATC-28b	Surface movement control workstation in Alternative Ground Surveillance environment	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-29	Enhanced Runway Demand and Capacity system for mixed mode runway	-	STK OI EN	Analysis
AERODROME-ATC-31	Surface movement control workstation equipped with tools to better prevent runway excursions	31-12-2029	STK OI EN DS	Analysis
STD-090	Update of ICAO standards for Global Reporting Format of runway surface conditions	-	STK 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-33	Coupled sequencing tool enhanced to better handle arrivals and departures	31-08-2026	STK OI EN DS	Analysis
AERODROME-ATC-34	Sequence Management system enhanced to use reduced and predicted ROT	31-08-2026	STK OI EN	Analysis
AERODROME-ATC-35	Surface movement management services enhanced to process the runway exit proposal to be uplinked to the aircraft	31-12-2022	STK OI EN	Analysis
AERODROME-ATC-41	Synchronization of departing traffic flows from multiple airports	31-12-2028	STK OI EN DS	Analysis
AERODROME-ATC-42a	Airport ATC tool to support static pair-wise wake separation (S-PWS) in final approach	31-12-2025	STK OI EN DS	Analysis
REG-0523	Regulatory provisions for static pair-wise wake separation minima (S-PWS)	-	STK EN	Analysis
AERODROME-ATC-44a	Departure sequence updated taking into account surface management information	31-12-2018	STK OI PCP	Analysis
AERODROME-ATC-45	Communication DataLink supporting trajectory management and other flight information during approach, landing, and taxi and departure.	-	STK OI EN	Analysis
AERODROME-ATC-47	Airport ATC Subsystem to incorporate aircraft observed runway surface condition	31-12-2026	STK OI EN	Analysis
STD-090	Update of ICAO standards for Global Reporting Format of runway surface conditions	-	STK EN	Analysis
AERODROME-ATC-50	Advanced Airport Tower Controller Working Position (A-CWP)	31-12-2019	STK OI EN DS PCP	Analysis
AERODROME-ATC-51	Remote Tower Centre (RTC) position that in contingency situation hosts ATCO that will no longer be located at the local Tower.	17-01-2021	STK OI DS	Analysis
AERODROME-ATC-52	Provide Remote Tower Controller position with visual reproduction of both remotized aerodrome views and other sensor data.	31-12-2020	STK OI EN DS	Analysis
AERODROME-ATC-53	Remote Tower controller position enhanced with additional sources for low visibility conditions	31-12-2020	STK OI EN DS	Analysis
AERODROME-ATC-54	Provide a Remote CWP that enables one ATCO to control 2 remote towers (low-density) simultaneously	15-11-2019	STK OI DS	Analysis
AERODROME-ATC-55	Airport ATC analyser tool for predicting ROT	31-08-2026	STK OI EN DS	Analysis
AERODROME-ATC-56	Airport ATC Function exchange current ROT information between a/c and ATC Systems	31-12-2025	STK OI	Analysis
AERODROME-ATC-57	Advanced Airport Tower CWP to support new functionalities	-	STK OI DS	Analysis

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AERODROME-ATC-58	Agile synchronisation of arrivals with departure information for the same airport	31-08-2026	STK OI DS	Analysis
AERODROME-ATC-59	Enhanced Surveillance data processing on Airport Surface (APT)	31-12-2020	STK OI DS	Analysis
AERODROME-ATC-60	Airport ATC system to monitor wake turbulence risk using ground-based LIDAR/Radar	-	STK OI	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-63	Handle enhanced braking information coordinated between Ground ATC and Pilot via data link	31-12-2022	STK OI EN	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-66	Tower A-CWP interfaced to the Runway Status Lights management tool	29-04-2021	STK OI EN DS	Analysis
AERODROME-ATC-67	Surface movement control workstation equipped with tools for management of Virtual Block Control supporting LVP	27-02-2021	STK OI EN DS	Analysis
AERODROME-ATC-68	ATC System to support Optimised Runway Delivery on Final Approach	31-12-2025	STK OI DS	Analysis
AERODROME-ATC-69	ATC system to support optimised departure separation	31-12-2025	STK OI DS	Analysis
AERODROME-ATC-70	Aerodrome ATC System to support Dual Thresholds operations	31-08-2026	STK OI EN DS	Analysis
AERODROME-ATC-71	Aerodrome ATC System to support Increased Glide slope operations	31-08-2026	STK OI EN DS	Analysis
AERODROME-ATC-72	Aerodrome ATC system to support Adaptive Increased Glide Slope operations	31-08-2026	STK OI EN	Analysis
AERODROME-ATC-73	Aerodrome ATC System to support Segmented/Double Slope operations	31-12-2029	STK OI EN	Analysis
AERODROME-ATC-74	Runway Demand and Capacity system enhanced for multiple runway airport	31-08-2026	STK OI EN DS	Analysis
AERODROME-ATC-75	Tools for provision of alternative ground surveillance and MET conditions (relevant in LVC)	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-77	Aerodrome ATC system to support efficient curved arrival and departures operations	-	STK OI DS	Analysis
AERODROME-ATC-78	Airport ATC System adapted to present RECAT-EU categories on Tower Controller HMI	01-12-2015	STK OI EN	Analysis
REG-0520	EASA State Letter for RECAT-EU Scheme	10-10-2014	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-86	Workstation equipped with 'bubble separation' or 'spacing' tools for monitoring the reduction of spacing between two aircraft	31-12-2028	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-89	Controller working position equipped with tools providing time critical weather alerts	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-90	ATC Tower System equipped with Taxiway Conflict Detection	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-91	ATC Tower System equipped with Traffic Density Estimation	31-12-2029	STK OI	Analysis
AERODROME-ATC-92	Real-time Airport Weather Observation service with Artificial Intelligence algorithms	31-10-2029	STK OI DS	Analysis
AERODROME-ATC-93	Aerodrome ATC system to support optimised runway separation delivery in mixed mode operations	31-08-2026	STK OI EN	Analysis
AERODROME-ATC-94	Aerodrome ATC system to support IGS-to-SRAP operations	31-08-2026	STK OI EN DS	Analysis

Code	Title	IOC	Related Elements	Analysis
AERODROME-ATC-95	Runway condition awareness management system based on surveillance	31-12-2026	STK OI EN	Analysis
STD-090	Update of ICAO standards for Global Reporting Format - of runway surface conditions	-	STK 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
STD-090	Update of ICAO standards for Global Reporting Format - of runway surface conditions	-	STK EN	Analysis
AERODROME-ATC-100	Controller productivity enhancements by Automatic Speech Recognition at the Aerodrome CWP/HMI	31-12-2029	STK OI DS	Analysis
AERODROME-ATC-101	Controller productivity enhancements by User Profile Management at the Aerodrome CWP/HMI	31-12-2029	STK OI DS	Analysis
AIMS-07a	Generation of Enhanced Pre-flight Briefing based on digital data	31-12-2023	STK OI EN DS	Analysis
AIMS-14	Set up a digital data chain to ensure the Aeronautical Information data provision into on-board avionic systems	31-10-2020	STK OI EN 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-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-14	Surface movement control workstation equipped with tools for conflict detection and alerting for Runway operations in an uncontrolled environment	31-12-2027	STK	Analysis
AIRPORT-33	Provision of departure and arrival constraints to the Aerodrome ATC surface management	-	STK OI PCP	Analysis
CTE-C02d0	New Airport Datalink technology (AEROMACS)	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-S02b	Surface Movement Radar	31-12-2007	STK OI EN OBJ *	Analysis
CTE-S02d	Video Based Surveillance	-	STK OI EN DS *	Analysis
CTE-S03	ADS-B Receiving Station	31-12-2008	STK OI EN DS *	Analysis
CTE-S03b	ADS-B station for RAD and APT surveillance	31-12-2020	STK OI EN OBJ DS *	Analysis
CTE-S03c	New ADS-B station for future ADS-B applications	31-12-2024	STK OI EN DS *	Analysis
CTE-S03e	ADS-B transmitter for vehicles	31-12-2008	STK OI EN	Analysis
CTE-S03f	New ADS-B receiver for vehicles	31-12-2008	STK OI EN DS *	Analysis
CTE-S04	Multilateration ground System	31-12-2010	STK OI DS *	Analysis
CTE-S04b	Airport Multilateration (MLAT)	31-12-2007	STK OI EN OBJ 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

Code	Title	IOC	Related Elements	Analysis
CTE-S02b	Surface Movement Radar	31-12-2007	STK OI EN OBJ ⚙️	Analysis
CTE-S02d	Video Based Surveillance	-	STK OI EN DS ⚙️	Analysis
CTE-S03c	New ADS-B station for future ADS-B applications	31-12-2024	STK OI EN DS ⚙️	Analysis
CTE-S04b	Airport Multilateration (MLAT)	31-12-2007	STK OI EN OBJ DS ⚙️	Analysis
CTE-S07	Surveillance Performance Monitoring Tools	08-06-2030	STK OI EN DS	Analysis
CTE-S07b	Coop sensor SPM Tool ζ Surface	08-06-2030	STK OI EN DS	Analysis
CTE-S07d	Non-Coop sensor SPM Tool ζ Surface	08-06-2030	STK OI EN DS	Analysis
ER APP ATC 86	Enhance FDP to use locally related parts of the 4D trajectory	31-12-2023	STK	Analysis
ER APP ATC 164	Enhance ATC System to Receive and Integrate ADS-B data	-	STK OI EN	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-012	New role of APOC representative from ANSP	31-12-2023	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
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-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
METEO-04d	Generate and provide MET information relevant for Airport and final approach for at shortest notice (less than 3 minutes 'time to decision' horizon)	-	STK OI EN ⚙️	Analysis
MIL-0108	Exchange of specific MT data (ARES description) in standard format	31-12-2027	STK OI	Analysis
MIL-STD-04	Procedure to implement EUROAT rules.	30-10-2013	STK OI DS 📄	Analysis
NIMS-12	Demand Capacity Balancing equipped with a tool to identify and arbitrate multiple imbalance and hotspots	30-08-2026	STK OI DS	Analysis
NIMS-13b	Enhanced short term ATFM measures (STAM)	31-12-2019	STK OI DS PCP	Analysis
NIMS-27	Network DCB sub-system enhanced with improved accuracy of processing real-time data	31-12-2019	STK OI DS PCP	Analysis
PRO-015	Harmonised ATC Procedures for providing a standardized service to OAT flights at pan-European level	31-12-2023	STK OI DS	Analysis
PRO-027	Procedures for ground-ground coordination in case of Trajectory Revision	31-12-2017	STK	Analysis
PRO-028	Procedures to support AOP-NOP collaborative process	31-12-2019	STK OI DS PCP	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-137	Airport Operations Procedures for vehicle drivers for systematic, standard response to safety alerts	31-12-2016	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

Code	Title	IOC	Related Elements	Analysis
PRO-201b	Procedures linked to Improvement of Guidance and Control on the Manoeuvring Area on and around the Runway	30-04-2014	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-251	ATC Procedure to handle SNI IFR rotorcraft operations using PinS	31-12-2020	STK OI EN DS	Analysis
REG-0521	Regulatory provisions for SNI IFR rotorcraft operations using PinS	31-12-2018	STK EN	Analysis
PRO-254	ATC procedures to support curved segments for arrival and departure operations, including the use of Geometric Altitude	31-12-2030	STK OI EN DS	Analysis
STD-089	Standards for efficient curved arrival and departure operations in the TMA	-	STK EN	Analysis
PRO-257	ATC Procedure to apply spacing minimum down to 2 NM	31-12-2025	STK OI EN DS	Analysis
REG-0520	EASA State Letter for RECAT-EU Scheme	10-10-2014	STK OI EN	Analysis
REG-0524	Regulatory provisions for dynamic pair-wise wake separation minima (D-PWS)	31-12-2023	STK OI	Analysis
SVC-005	Provision of cost-efficient Sub-Regional DCB capabilities using a Common Service	31-12-2023	STK OI DS	Analysis
SVC-039	Provision of cost-efficient Aeronautical Digital Maps using a Common Service	20-12-2025	STK OI DS	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-05a	Provision and Consumption of Flight Object Sharing services	31-12-2023	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