



# AERODROME-ATC-21 — A-SMGCS extended with dedicated processing to provide alerts for vehicles

A-SMGCS is extended with dedicated processing to trigger and uplink alerts to vehicles in case of risk of collision with aircraft or in case of area infringement.

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider

*Civil*

Civil ATS Aerodrome Service Provider

*Military*

Military ATS Aerodrome Service Provider

**V3 End** 31-12-2015

**V4 Start** 31-12-2018

**V5 Start** 31-12-2020

**V4 End** 31-12-2020

**V5 End** 31-12-2022

**Air Navigation Service Provider: 31-12-2022**

*Civil*

Civil ATS Aerodrome Service Provider: 31-12-2022

*Military*

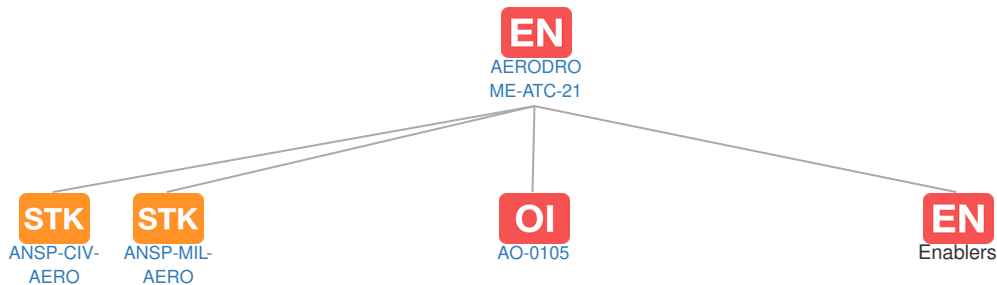
Military ATS Aerodrome Service Provider: 31-12-2022

**IOC** 31-12-2022

**FOC** 31-12-2026

## Context

### Related Elements



## 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				
AERODROME-ATC-21				▲			V4	V5	IOC - FOC																					
🔒 AO-0105																														

## Dependent Enablers

Relationship	Code	Title	Related Elements
Has predecessor	AERODROME-ATC-03	Surface movement control workstation equipped with tools for runway incursion detection and alerting	STK OI EN
Is synchronised with	AERODROME-ATC-22	Surface movement control workstation equipped with tools for resolution of surface conflicts	STK OI EN
Enabled by	ASMGCS-0104	Community Specifications on A-SMGCS Surveillance & Airport Safety Nets	OI EN
Enabled by	REG-HNA-09	Regulatory Provisions for Surface Movement Control workstation (vehicle alerts)	EN
Enabled by	STD-HNA-03	Non-ICAO Standards for 'Surface movement control workstation equipped with a system to provide alerts for vehicles'	EN
Deployed with	AERODROME-ATC-06	A-SMGCS incorporating the function that detects Conflicting ATC Clearances (CATC) for runway operations	STK OI EN DS PCP
Deployed with	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

## PCP Elements: No associated data

## STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-AERO	Civil ATS Aerodrome Service Provider	EN
ANSP-MIL-AERO	Military ATS Aerodrome Service Provider	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

