



# Solution #70 — Enhanced Ground Controller Situation Awareness in all Weather Conditions

Enhanced Ground Controller Situation Awareness in all Weather Conditions further develops Automated Dependent Surveillance-Broadcast (ADS-B) applications in order to improve ground surveillance systems. The solution provides the controller with the position and automatic identity of all relevant aircraft and all relevant vehicles in the movement area (i.e. manoeuvring area plus apron).

**Program** SESAR1

**Need for coordination** Local

**Related to** -

**Date V1 Gate** -

**Date V2 Gate** -

**Date V3 Gate** -

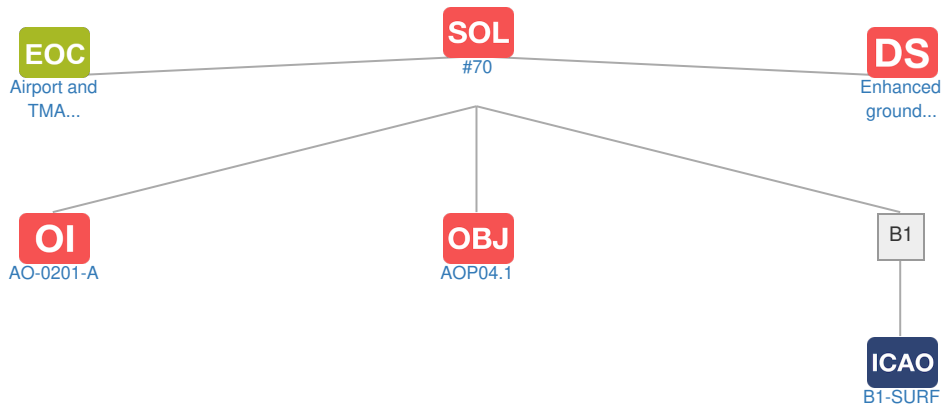
**Deployment Start Date** 31-12-2011


**Benefits Start Date (IOC)** 31-12-2020

**Full Benefit Date (FOC)** 31-12-2024

## Context

### Related Elements






 Operating Environments: No associated data

 Phases: No associated data


 SESAR Projects: No associated data

### Operational Improvement Steps / Enablers

Code	Dates	Solution Data Quality Index : -																										
		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	
#70																												
AO-0201-A																												
 A/C-48a																												
 AERODROME-ATC-57																												
 AERODROME-ATC-59																												

 PCP Elements: No associated data

### Implementation Objectives

Code	Title	Related Elements
AOP04.1	Advanced Surface Movement Guidance and Control System A-SMGCS Surveillance Service (former ICAO Level 1)	     

### ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-SURF	Enhanced Safety and Efficiency of Surface Operations - SURF, SURF-IA and Enhanced Vision Systems (EVS)	