



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 -

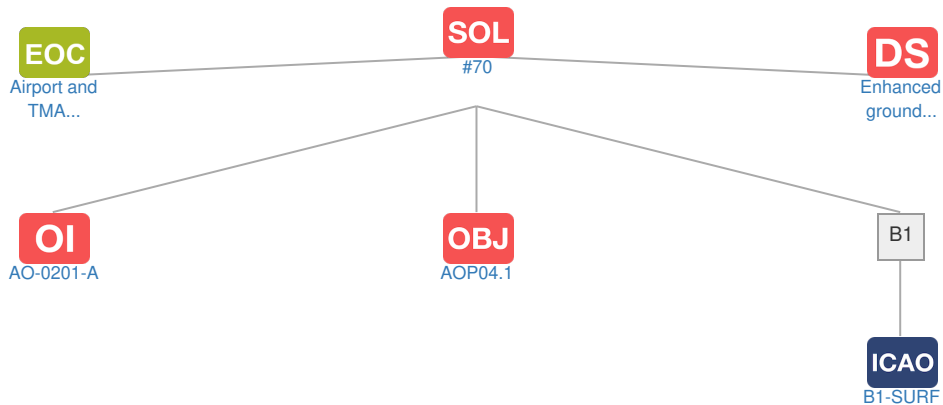
Deployment Start Date 31-12-2011


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)	