



# Solution #02 — Airport Safety Nets for controllers: conformance monitoring alerts and detection of conflicting ATC clearances

Operational requirements and technical specification for a system that detects conflicting ATC clearances during runway operations, and non-conformance to procedures or clearances for traffic on runways, taxiways and in the apron/stand/gate area.

The system will provide to the appropriate indications and alerts to controllers. The specific list of alerts will be completed at a later stage

**Program** SESAR1

**Need for coordination** Local

**Related to** [Solution PJ.03b-01](#)

**Date V1 Gate** -

**Date V2 Gate** -

**Date V3 Gate** -

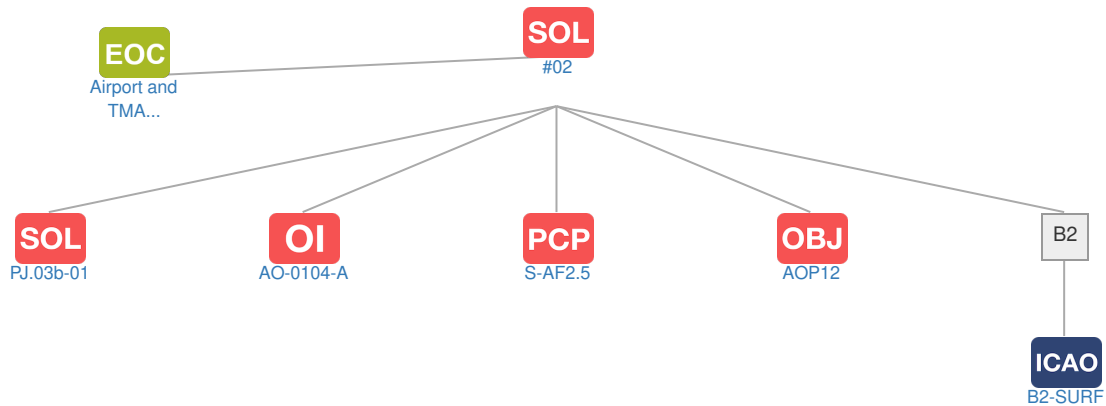
**Deployment Start Date** 31-12-2017

**Benefits Start Date (IOC)** 31-12-2019

**Full Benefit Date (FOC)** 31-12-2023

## 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	
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AERODROME-ATC-12																												
AERODROME-ATC-50																												
AERODROME-ATC-23a																												



### PCP Elements

Code	Title	Related Elements
S-AF2.5	Airport Safety Nets	 



### Implementation Objectives

Code	Title	Related Elements
AOP12	Improve Runway and Airfield Safety with Conflicting ATC Clearances (CATC) Detection and Conformance Monitoring Alerts for Controllers (CMAC)	 



### ICAO Block Modules

Designator	Title	Related Elements
B2	B2-SURF Optimized Surface Routing and Safety Benefits (A-SMGCS Level 3-4 and SVS)	

