



AUO-0401 — Airborne Traffic Situational Awareness on the Airport Surface (ATSA-SURF)

In addition to display of the airport layout (showing taxiways, runways, fixed obstacles) and the own aircraft position, the Flight Crew has an improved situational awareness thanks to the additional display of surrounding traffic (incl. both aircraft and optionally airport vehicles). A decrease in flight crew and controller workload is expected by reducing requests for repeated information with respect to surrounding traffic. An improvement of safety is also expected, especially at taxiway and runway intersections, as well as for aircraft landing and taking off.

Rationale The objectives are to improve safety (e.g. at taxiways crossings, before entering an active runway, before take-off, etc.) as well as the Flight Crew situational awareness and to decrease Flight Crew and controller workload.

Forecast V3 end date -

Benefits start date (IOC) 31-12-2015

Full benefits date (FOC) 31-12-2019

Current Maturity Level -

Solution Data Quality Index -

Current Maturity Phase R&D Finalised

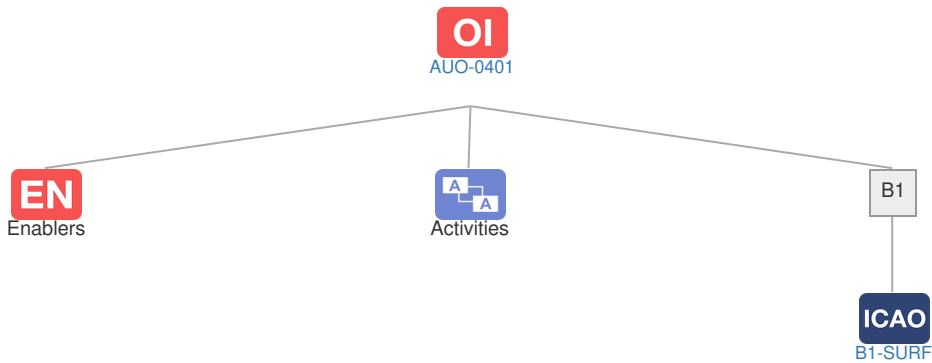
Scope Local

Release -

PCP Status -

Context

Related Elements



EN Enablers

Code	Dates																										
	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	
AUO-0401																											
A/C-24																											
A/C-25																											
A/C-48																											
ADSB-0007																											
ADSB-0102																											
ADSB-0102a																											
ASAS-STD-01																											

OI Dependent OI Steps: No associated data

SOL SESAR Solutions: No associated data

PCP PCP Elements: No associated data

OBJ Implementation Objectives: No associated data

ICAO 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)	SOL OI PCP