



# Solution #60 — Enhanced Short Term Conflict Alert (STCA) for Terminal Manoeuvring Areas (TMAs)

Enhanced algorithms for a Short Term Conflict Alert (STCA) prototype ensures earlier warning and lower false and nuisance alert rates, supporting controllers in identifying possible conflicts for steady and manoeuvring aircraft, in comparison to existing STCA technology.

**Program** SESAR1

**Need for coordination** Local

**Related to** -

**Date V1 Gate** -

**Date V2 Gate** -

**Date V3 Gate** -

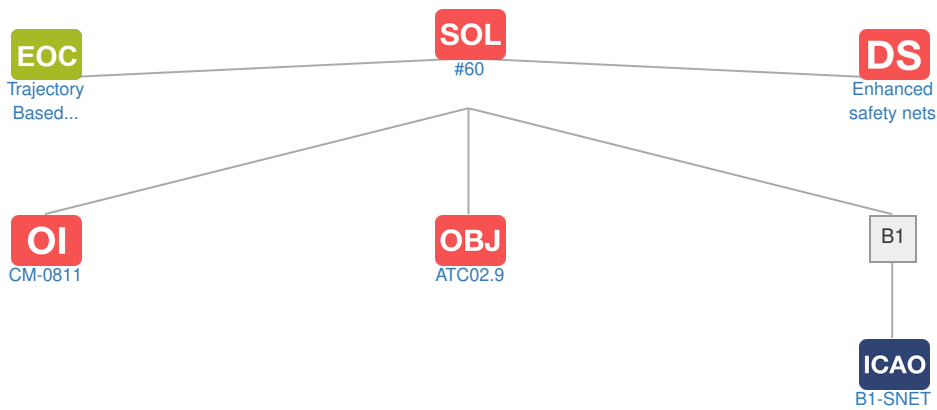
**Deployment Start Date** 31-12-2015


**Benefits Start Date (IOC)** 31-12-2017

**Full Benefit Date (FOC)** 31-12-2027

## 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																							
#60					IOC - FOC																																													
CM-0811																																																		
 APP ATC 136	4	V5			IOC - FOC																																													

 PCP Elements: No associated data

### Implementation Objectives

Code	Title	Related Elements
ATC02.9	Short Term Conflict Alert (STCA) for TMAs	    

### ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-SNET	Ground-based Safety Nets on Approach	