



# ER ATC 157 — Enhanced ATC System Support to the Tactical Controller for Conflict Detection and Resolution in En-Route

Conflict Management is updated to integrate conflicts derived from multiple trajectory types in order to detect sector entry, in-sector, and exit conflicts, as well as conflicts for aircraft on open clearances or deviating from their planned trajectory. Resolution is assisted by indicating available and occupied levels and allowing the user to probe for conflicts on a what-if trajectory.

Controller HMI is upgraded to provide the conflict information for the tactical controller.

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider  
Civil  
Civil ATS En-Route Service Provider

**V3 End** 31-12-2016

**V4 Start** -

**V5 Start** -

**V4 End** -

**V5 End** -

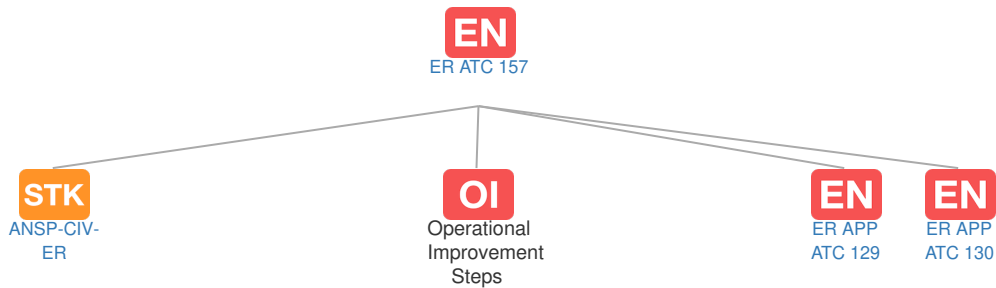
**Air Navigation Service Provider: -**  
Civil  
Civil ATS En-Route Service  
Provider: -

**IOC** -

**FOC** -

## Context

### Related Elements



## Operational Improvement Steps

Code	Benefits start date (IOC) - Full benefit date (FOC)																										
	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	
ER ATC 157			▲																								
🔒 CM-0205																											
🔒 SDM-0215																											
➔ AOM-0500																											
➔ AOM-0501																											
➔ AOM-0505																											
➔ CM-0211																											

## Dependent Enablers

Relationship	Code	Title	Related Elements
Has predecessor	ER APP ATC 129	Upgrade FDP and provide Controller Tools to provide assistance to ATC Planning for Preventing Conflicts in En-Route Airspace	STK OI EN DS PCP
Has predecessor	ER APP ATC 130	Upgrade FDP and provide Controller Tools to provide Controller with warnings if aircraft deviate from a clearance or plan	OI EN DS

## PCP Elements: No associated data

## Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	EN
ANSP-CIV-ER	Civil ATS En-Route Service Provider	EN

## Standards: No associated data

## Implementation Objectives: No associated data

## Stakeholder Lines of Action (SLoAs): No associated data

## SESAR Workpackages: No associated data

