



# ER APP ATC 90 — Enable En-Route and Approach ATC sub-systems to manage 4D contracts

*En-Route and Approach ATC sub-systems upgraded to deal with 4D contracts (i.e. management of clearances associated with containment of the trajectory in all 4 dimensions).*

**Category** SYSTEM

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

**V3 End** 31-12-2018

**V4 Start** -

**V5 Start** -

**V4 End** -

**V5 End** 31-12-2025

**Air Navigation Service Provider: -**

*Civil*

Civil ATS Approach Service  
Provider: -

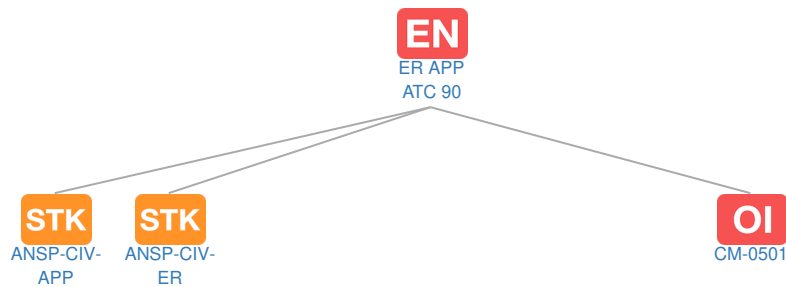
Civil ATS En-Route Service  
Provider: -

**IOC** 31-12-2025

**FOC** 31-12-2029

## Context

### Related Elements





**OI** 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 APP ATC 90				▲																																						
🔒 CM-0501																																										

**EN** Dependent Enablers: No associated data

**PCP** PCP Elements: No associated data

**STK** Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	<b>EN</b>
ANSP-CIV-APP	Civil ATS Approach Service Provider	<b>EN</b> 
ANSP-CIV-ER	Civil ATS En-Route Service Provider	<b>EN</b> 

 Standards: No associated data

**OBJ** Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

**PJ** SESAR Workpackages: No associated data