

Deployment Scenario Title	Collaborative control and multi-sector planner in en-route
Deployment Scenario Description	-
Essential Operational Change	Fully Dynamic and Optimised Airspace
Maturity	Additional R&D Activities in development

Applicable Operating Environment			
Airport	Terminal Airspace	En-Route	Network

Timeline																					
2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035

Performance Contribution of the DS				
Capacity	Safety	Environment	Cost-efficiency	Operational efficiency

Stakeholders affected (at least one enabler to be deployed)						
ANSP		AO		AU		Network Manager
Civil	Military	Civil	Military	Civil	Military	
APP, ENR						

SESAR Solutions			
Solution Code	Solution Title	Solution Description	Related Elements
PJ.10-01c	Collaborative Control	Collaborative Control refers to coordination by exception rather than coordination by procedure...	SOL PJ OI DS EOC
PJ.10-W2-70	Collaborative control and Multi sector planner (MSP) in en-route	The key R&D activity addresses the collaborative control with unplanned boundaries concept,...	PJ DS EOC

Operational Improvement Steps			
OI Step Code	OI Step Title	OI Step Description	Related Elements
CM-0306	Sector Team Operations Adapted to New Responsibilities and Operating Procedures involving reduced Coordination in En-Route and TMA-En Route interface airspace	New operating procedures are in place such that the traditional requirement to coordinate traffic...	SOL OI EN DS
CM-0309	Sector Team Operations Adapted to Collaborative Operating Procedures involving reduced tactical co-ordination in the TMA	New operating procedures are in place such that the traditional requirement to agree...	SOL EN DS
CM-0310	Sector Team Operations Adapted to Collaborative Operating Procedures involving reduced tactical co-ordination in En-Route	New operating procedures are in place such that the traditional requirement to agree...	SOL EN DS

Enablers						
Required/ Optional	New/ Inherited	Develop/ Use	Enabler Code	Enabler Title	Enabler Description	Related Elements
🔒			ER APP ATC 102	ATC System Support to Adapted Sector Team Roles Based on Flexible Collaboration of Tactical Controllers Supported by a Single Planner	The system permits the definition of a collaborative multi-sector area, within the airspace of a...	STK OI DS
🔒			ER APP ATC 173	ATC System Support to Collaboration between Controller Teams for Flexible Bypassing of Initial Planned Profiles	The system permits the definition of a collaborative multi-sector area, within the airspace of a...	STK OI DS