

Deployment Scenario Title	Extended hybrid surveillance
Deployment Scenario Description	-
Essential Operational Change	Trajectory Based Operations
Maturity	Additional SESAR Solutions in deployment

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	
				Scheduled, BA Fixed	Transport	

SESAR Solutions			
Solution Code	Solution Title	Solution Description	Related Elements
#101	Extended hybrid surveillance	The traffic alert and collision avoidance system (TCAS) is an airborne collision avoidance system...	OI DS EOC

Operational Improvement Steps			
OI Step Code	OI Step Title	OI Step Description	Related Elements
POI-0036-SUR	Reduction of RF spectrum use by airborne surveillance systems	Use of techniques to optimise the use of RF spectrum by airborne systems that detect and track...	SOL OI EN DS

Enablers						
Required/ Optional	New/ Inherited	Develop/ Use	Enabler Code	Enabler Title	Enabler Description	Related Elements
			A/C-54a0	Extended Hybrid Surveillance	A passive surveillance method that is added to the hybrid and original active surveillance of...	STK OI EN DS

