

Deployment Scenario Title	Remote tower for too low density aerodromes
Deployment Scenario Description	-
Essential Operational Change	Virtualisation of Service Provision
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	
TWR, CNS	TWR, CNS					

SESAR Solutions			
Solution Code	Solution Title	Solution Description	Related Elements
#52	Remote Tower for two low density aerodromes	Remotely provided Air Traffic services for two low density aerodromes (small Size). Aerodrome...	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">SOL</div> <div style="border: 1px solid black; padding: 2px;">OI</div> <div style="border: 1px solid black; padding: 2px;">OBJ</div> <div style="border: 1px solid black; padding: 2px;">DS</div> <div style="border: 1px solid black; padding: 2px;">EOC</div> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">ICAO</div>

Operational Improvement Steps			
OI Step Code	OI Step Title	OI Step Description	Related Elements
SDM-0205	Remotely Provided Air Traffic Services for Two Low-density Aerodromes	Aerodrome Control Service or Aerodrome Flight Information Service for two low-density aerodromes...	<div style="display: flex; gap: 5px;"> <div style="border: 1px solid black; padding: 2px;">SOL</div> <div style="border: 1px solid black; padding: 2px;">OI</div> <div style="border: 1px solid black; padding: 2px;">EN</div> <div style="border: 1px solid black; padding: 2px;">OBJ</div> <div style="border: 1px solid black; padding: 2px;">DS</div> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">ICAO</div>

Enablers						
Required/ Optional	New/ Inherited	Develop/ Use	Enabler Code	Enabler Title	Enabler Description	Related Elements
🔒			AERODROME-ATC-54	Provide a Remote CWP that enables one ATCO to control 2 remote towers (low-density) simultaneously	Provide a Remote CWP that enables one ATCO to control 2 remote towers (low-density) simultaneously.	STK OI DS
🔒			CTE-S02d	Video Based Surveillance	The camera sensor (visual or infrared) provides 25 frames per second of video data. Video Based...	STK OI EN DS ⚙️
🔒			REG-0525	Regulatory provisions for the harmonised deployment of Remote Towers Operations (for two aerodromes)	EASA RMT.0624 ToR Issue 2 to be released in 2016.	OI DS