

Deployment Scenario Title	U-space U1 — foundation services
Deployment Scenario Description	U-space U1 — foundation services: this deployment scenario provides foundation services, the main objectives of which are to identify drones and operators and to inform operators about known restricted areas. With the deployment of U1, more drone operations have been enabled, especially in areas where the density of manned traffic is low. The U-space foundation services include e-registration, e-identification and geo-awareness
Essential Operational Change	U-space services
Maturity	In deployment phase: Key SESAR Solution

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	
					Deployment																	
					Benefit																	

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	

SESAR Solutions			
Solution Code	Solution Title	Solution Description	Related Elements
U1S-01	e-Registration service	The e-Registration service enables the registration of the operator, drone and pilot with the...	PJ DS EOC
U1S-02	e-Identification service	The e-Identification service allows the identification of a drone operator from a drone in...	PJ DS EOC
U1S-03	Pre-tactical geo-fencing service	The Pre-tactical geo-fencing service provides the operator with geo-information about predefined...	PJ DS EOC

Operational Improvement Steps			
OI Step Code	OI Step Title	OI Step Description	Related Elements
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Enablers						
Required/ Optional	New/ Inherited	Develop/ Use	Enabler Code	Enabler Title	Enabler Description	Related Elements
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