

Deployment Scenario Title	SWIM TI green profile for ground/ground civil military information sharing
Deployment Scenario Description	SWIM TI green profile for ground-ground military information sharing: this solution is intended to enable ground-ground civil-military coordination through SWIM profiles. It includes (cyber)security and (cyber-)resilience aspects and fills the gap between existing ground-ground profiles and what is required to fully support SWIM-based civil-military coordination and cooperation, especially in terms of (cyber)security.
Essential Operational Change	ATM Interconnected Network
Maturity	In development phase: Key R&D Activities

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, SWIM	APP, ENR, SWIM				WOC	Network Manager

SESAR Solutions			
Solution Code	Solution Title	Solution Description	Related Elements
PJ.17-03	SWIM TI Green profile for G/G Civil Military Information Sharing	SWIM TI Green profile for G/G Civil Military Information Sharing ensuring that protocols and data...	SOL PJ OI DS EOC
PJ.17-W2-101	SWIM TI Green profile for G/G Civil Military Information Sharing	The key R&D activity aims at enabling Ground/Ground civil & military SWIM based coordination...	PJ DS EOC

Operational Improvement Steps			
OI Step Code	OI Step Title	OI Step Description	Related Elements
POI-0014-IS	Extension of the Quality of Service at SWIM-TI profile level to support SWIM-TI exchanges between civil and military SWIM-Enabled Applications in the scope of civil-military cooperation and coordination (Green Profile)	Will enable responsive, secure and cost-effective SWIM-TI level exchanges between civil and...	SOL EN DS

Enablers						
Required/ Optional	New/ Inherited	Develop/ Use	Enabler Code	Enabler Title	Enabler Description	Related Elements
🔒			SWIM- INFR- 07	Ground/Ground SWIM technical infrastructure for civil-military SWIM-based non high-critical exchanges	This SYS EN is dedicated to the SWIM Technical Infrastructure Green Profile (GP) aiming at...	STK OI DS
➔			SWIM- SUPT- 03b	SWIM Supporting Security	SWIM Technical infrastructure to support transport and message level security, identity...	STK OI DS
➔			SWIM- SUPT- 06b	SWIM Supporting Supervision	Evolution to manage the SWIM infrastructure, including such aspects as access control,...	OI DS