

Deployment Scenario Title	Hyper-connected ATM
Deployment Scenario Description	This deployment scenario considers the possibility of using commercially available services, delivered using open technologies (e.g. 5G networks, open satcom), to support demanding and broadband applications, including in support of ATM (and as such providing services to the FCI), for U-space operations and other uses (e.g. engine maintenance).
Essential Operational Change	CNS Infrastructure and Services
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	

SESAR Solutions			
Solution Code	Solution Title	Solution Description	Related Elements
PJ.14-W2-61	Hyper Connected ATM	The key R&D activity aims at identifying and specifying the high level operational...	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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