

INF10.16 — Cooperative Network Information Exchange - Short Term ATFCM Measures services (MCDM, eHelpdesk, STAM measures)



The Cooperative Network Information will be exchanged between the systems of the operational stakeholders and the Network Manager by means of cooperative network information SWIM services, using the Yellow SWIM TI Profile, for Air Traffic Flow and Capacity Management (ATFCM) purposes.

Operational stakeholders use the NM B2B Services, which support the exchange of the following cooperative network information:

• Short term ATFCM measures (STAM)

This information exchange is supported by the following three NM B2B Services:

o The Measure Collaborative Decision Making (MCDM) Service, which supports the collaborative decision making for the implementation of a measure or individual flight actions

o The eHelpdesk Service, for requesting NMOC to apply actions to individual flights

o The Measures Service, which allows making proposals of cherry-pick regulations in support of STAM.

System requirements:

The Network Manager shall support all operational stakeholders in exchanging data electronically for cooperative network management activities, by providing the necessary SWIM services.

The access to NOP via the NM HMIs is covered by Objectives FCM11.1 and FCM11.2. This objective covers only the information exchanges between the stakeholders' local systems and the NM system. The Network Manager system and operational stakeholder systems shall be upgraded to support the exchange of information in compliance with the EUROCONTROL SWIM Specifications, either through the Public Internet and/or NewPENS. The choice of communication service depends on a business criticality assessment from where minimum performance requirements are identified.

ANSP systems shall be upgraded to use the NM B2B Services in order to:

· Collaborate on the definition and application of STAM

AU systems shall be upgraded to use the NM B2B Services in order to:

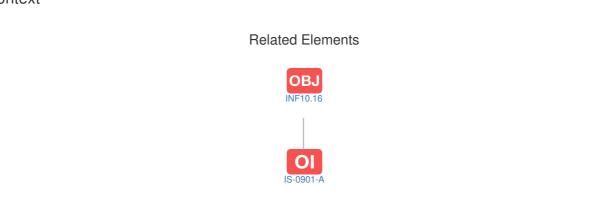
Collaborate on the application of STAM, when relevant

NOTE: For a full description of the services as well as of the associated system requirements, see the Family 5, in the SESAR Deployment Programme edition 2022, Approved by the European Commission.

NOTE FOR MILITARY AUTHORITIES: It is the responsibility of each military authority to review this Objective IN ITS ENTIRETY and address each of the SLoAs that the military authority considers RELEVANT for itself. This has to be done on top and above of the review of "MIL" SLoAs which identify actions EXCLUSIVE to military authorities.

Edition	2022
Stakeholders	Air Navigation Service Provider / Airspace Users / Network Manager
Туре	CP1
Scope	EU
Status	Active

Context



,	ea(s) and Timescal	es				
	Applicability Area		U SES States EU SES States)			
	Applicability Area		ed Kingdom			
Timescales		From	Ву	Applicabl	e to	
Initial Operational Capa	ability	01-01-2021	-	Applicabili	ty Area 1 + Applicability	Area 2
Full Operational Capability / Target Date		- 31-12-2		25 Applicability Area 1 + Applicability /		Area 2
Links to ATM N	laster Plan Level 2					
OI Operational	Improvment Steps					
Code	Title		l	ос	FOC	Related Elements
IS-0901-A	SWIM for sharing G/G data information and aeronautica	, traffic flow m al information	anagement	31-12-2023	31-12-2029	SOL OI EN DS PCP ICAO
soL Links to S	ESAR Solutions					
Code	Title		F	Program	Related E	lements
No record found						
PCP Links to P	CP ATM Sub-Funct	ionalities	;			
Code	Title				Related E	lements
No record found						
ICAO ICAO BI	ock Modules: No as	sociated	data			
References						
	16 on the establishment of the xes and other references	Common Proj	ect One			

Expected Performance Benefits

ormance Benefits	
Safety	-
Capacity	-
Operational efficiency	-
Cost efficiency	-
Environment	-
Security	-

Stakeholder Lines of Action

Code	Title	From	Ву	Related Enablers
ASP01	Collaborate on the definition and application of STAM	01-01-2021	31-12-2025	
ASP02	Operational use	01-01-2021	31-12-2025	
USE01	Collaborate on the application of STAM	01-01-2021	31-12-2025	
USE02	Operational use	01-01-2021	31-12-2025	
NM01	Upgrade NM systems for SWIM compliance	01-01-2021	31-12-2025	

Supporting Material

Title	Related SLoAs
SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021	ASP01, ASP02, NM01, USE01, USE02
https://www.sesardeploymentmanager.eu/publications/deployment-programme	

Consultation & Approval

Working Arrangement in charge	
Outline description approved in	
Latest objective review at expert level	
Commitment Decision Body	
Objective approved/endorsed in	
Latest change to objective approved/endorsed in	