CP1	Active									ECAC+
INF10.6	**Aeronautical Information Exchange – Digital NOTAM service**									
REG	ASP	MIL	APO	USE	INT	IND	NM	MET	AIS	USP

Subject matter and scope

SWIM comprises standards, infrastructure and governance enabling the management of information and its exchange between operational stakeholders via interoperable services.

This implementation objective is addressing the Digital NOTAM Service which provides event (Digital NOTAM) information as a data service. The service enables dynamic data sharing of aeronautical information updates and propose them for Digital NOTAM processing. Digital NOTAM service output is a small data set that contains digitally coded data about changes related to aeronautical information, which are temporary nature or provided on short notice. Digital NOTAM data can be formatted into textual or graphical formats for presentation to end-user. The event information can be shared in a short loop when Digital NOTAM is not necessary but deemed relevant for users accessing SWIM.

System requirements

The Digital NOTAM information exchange shall be implemented by:
• AISPs that are the intended provider of the service
• Airports that are the originator of the event data
• ANSPs (pre-flight bulletin) that are the intended consumers of the service and the information it provides

The provider of the Digital NOTAM Service ensures systems implementing the service:
• Shall enable the sharing of various event information
• Shall conform to EUROCONTROL Digital NOTAM specification
• Shall output event information encoded in the applicable version of AIXM.

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.

Applicability Area(s) & Timescale(s)

Applicability Area 1	All EU SES States
Applicability Area 2	Georgia, Israel, Moldova, Montenegro, Serbia, Türkiye, United Kingdom

Timescales:	From:	By:	Applicable to:
Initial Operational Capability	01/01/2021		Applicability Area 1 + Applicability Area 2
Full Operational Capability / Target Date		31/12/2025	Applicability Area 1 + Applicability Area 2

References

European ATM Master Plan

OI step	-	[IS-0205]-Digital Integrated Briefing for pre-flight phase							
	Enablers -	AIMS-06	AIMS-07a	AIMS-19a	METEO-04b	METEO-05b	REG-0301	SWIM-APS-01a	SWIM-APS-02a
		SWIM-INFR-05a	SWIM-NET-01a	SWIM-STD-01					
OI step	-	[IS-0901-A]-SWIM-TI Yellow Profile for Ground/Ground (G/G) information sharing							
	Enablers -	REG-0519	SWIM-GOV-05a	SWIM-INFR-05a	SWIM-NET-01a	SWIM-SUPT-01a	SWIM-SUPT-03a		

Legend:	WXYZ-001	Covered by SLoA(s) in this objective	WXYZ-002 zzz	Covered by SLoA(s) in another objective Objective covering the enabler	WXYZ-003	Not covered in the Implementation Plan

Applicable legislation

Regulation (EU) 2021/116 on the establishment of the Common Project One

INF10.6	Aeronautical Information Exchange – Digital NOTAM service

Essential Operational Changes

ATM Interconnected Network

SESAR Solution

#34 - Digital Integrated Briefing, #46 - SWIM Yellow Profile

ICAO GANP - ASBUs

- none -	

Deployment Programme

5.3.1	Aeronautical Information Exchange

European Plan for Aviation Safety

- none -	

Operating Environments

Airport
En-Route
Network
Terminal Airspace

Stakeholder Lines of Action (SLoAs)

SloA ref.	Title	From	By
INF10.6-ASP01	Consume Digital NOTAM Service	01/01/2021	31/12/2025
INF10.6-ASP02	Operational use	01/01/2021	31/12/2025
INF10.6-AIS01	Provide Digital NOTAM Service	01/01/2021	31/12/2025

Description of finalised and deleted SLoAs is available on the eATM Portal @ https://www.eatmportal.eu/working/depl/essip_objectives

Expected Performance Benefits

Safety:	-
Capacity:	-
Operational Efficiency:	-
Cost Efficiency:	-
Environment:	-
Security:	-

Detailed SLoA Descriptions

INF10.6-ASP01	**Consume Digital NOTAM Service**	From:	By:
		Applicability Area 1: 01/01/2021	**Applicability Area 1:** 31/12/2025
Action by:	**ANS Providers**		
Description & purpose:	The system consumes and uses the information provided by the Digital NOTAM Service. Link to SDP AF3 only if ARES information is provided by NOTAM		
Supporting material(s):	SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021 Url : https://www.sesardeploymentmanager.eu/publications/deployment-programme		
Finalisation criteria:	1 - The system consumes the Digital NOTAM Event Service		
INF10.6-ASP02	**Operational use**	From:	By:
		Applicability Area 1: 01/01/2021	**Applicability Area 1:** 31/12/2025
Action by:	**ANS Providers**		

INF10.6	Aeronautical Information Exchange – Digital NOTAM service

Description & purpose:	The system is used to support daily operations once the systems have been implemented, the procedures are in place, the capability assessment has been delivered, and the training has been completed.
Supporting material(s):	SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021
	Url : https://www.sesardeploymentmanager.eu/publications/deployment-programme
Finalisation criteria:	1 - Information Exchanges are used for daily operations.

INF10.6-AIS01	Provide Digital NOTAM Service	From: **Applicability Area 1:** 01/01/2021	By: **Applicability Area 1:** 31/12/2025
Action by:	**AIS Providers**		
Description & purpose:	The AISP implements a SWIM Service that enables the provision of Digital NOTAM event information to other stakeholders.		
	Note :This SLoA needs to be synchronised between civil and military ANSPs, AISPs and AOs.		
Supporting material(s):	SDM - Standardisation and Regulation support to CP1 deployment 2021, Deliverable D1.1.1 07/2021		
	Url : https://www.sesardeploymentmanager.eu/publications/deployment-programme		
Finalisation criteria:	1 - The Digital NOTAM Event Service is SWIM compliant and available in the SWIM Registry as an operational SWIM compliant service.		