

Deployment Scenario Title	Digitally enhanced briefing
Deployment Scenario Description	Digitally enhanced briefing: this solution includes the improvement of the quality and usability of the aeronautical and meteorological information presented to the pilot, flight dispatchers and ATCOs during all phases of flight, through the use of digital aeronautical data (including a digital notice to airmen and digital meteorological data.
Essential Operational Change	Digital AIM and MET 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	
TWR, APP, ENR, CNS, SWIM, AIS, MET, AMC	TWR, APP, ENR, CNS, AIS, MET, SWIM, AMC	APT Operator	APT Operator	Scheduled, BA Fixed, BA Rotorcraft, GA, FOC	Transport, Light, WOC,	Network Manager

SESAR Solutions			
Solution Code	Solution Title	Solution Description	Related Elements
#34	Digital Integrated Briefing	Improvement of the quality and the usability of the aeronautical and meteorological information...	

Operational Improvement Steps			
OI Step Code	OI Step Title	OI Step Description	Related Elements
IS-0205	Digital Integrated Briefing for pre-flight phase	The information required for pilot briefing on the ground (including at gate) is available in...	

Enablers						
Required/Optional	New/Inherited	Develop/Use	Enabler Code	Enabler Title	Enabler Description	Related Elements

Enablers						
Required/Optional	New/Inherited	Develop/Use	Enabler Code	Enabler Title	Enabler Description	Related Elements
🔒			AIMS-06	Ground-Ground AIS provision to ASM	Adaptation of the functional blocks so that they can provide/use Aeronautical Information in the...	STK OI EN DS PCP
🔒			AIMS-07a	Generation of Enhanced Pre-flight Briefing based on digital data	Pre-flight briefing information/data, based on digital AIS and digital NOTAM data, is provided to...	STK OI EN DS
🔒			AIMS-19a	Aeronautical Information system is interfaced to receive and distribute aeronautical information electronically to/from ANSPS systems.	Aeronautical Information system is a user for Aeronautical Information from national AIS systems...	STK OI EN DS
🔒			METEO-04b	Generate and provide MET information services relevant for Airport and final approach related operations (PCP)	ATM-MET system acquiring, generating, assembling and providing Meteorological (MET) information...	STK OI EN DS PCP
🔒			METEO-05b	Generate and provide MET information relevant for TMA and En-route related operations (PCP)	ATM-MET system acquiring, generating, assembling and providing Meteorological (MET) information...	STK OI EN DS PCP
🔒			REG-0301	Means of Compliance for SWIM	Introduction of means of compliance (CS/AMC/GM) for Organisational requirements with respect to...	OI DS
🔒			SWIM-APS-01a	Provision of G/G Aeronautical Information services	Provision of G/G Aeronautical Information services : - PAMS services - INO services - SDO...	STK OI EN DS PCP S
🔒			SWIM-STD-01	AIRM	The ATM Information Reference Model in ICAO Provisions as means for achieving (cross-domain)...	OI EN DS
➔			SWIM-STD-02	ISRM Rulebook	In order to achieve interoperable information services, the work on the logical service models...	OI EN
🔒			SWIM-APS-02a	Consumption of Aeronautical Information services	Consumption of Aeronautical Information services for : - PAMS services - INO services - SDO...	STK OI EN DS PCP S
🔒			SWIM-STD-01	AIRM	The ATM Information Reference Model in ICAO Provisions as means for achieving (cross-domain)...	OI EN DS
➔			SWIM-STD-02	ISRM Rulebook	In order to achieve interoperable information services, the work on the logical service models...	OI EN
🔒			SWIM-INFR-05a	General SWIM Services infrastructure Support and Connectivity.	Provision of the additional functionality needed by the individual Stakeholder to support their...	STK OI EN DS PCP
🔒			SWIM-NET-01a	SWIM Network Point of Presence	Provision of the individual stakeholder's point of presence onto the common/interconnected...	STK OI EN DS PCP

Enablers						
Required/ Optional	New/ Inherited	Develop/ Use	Enabler Code	Enabler Title	Enabler Description	Related Elements
🔒			SWIM-STD-01	AIRM	The ATM Information Reference Model in ICAO Provisions as means for achieving (cross-domain)...	OI EN DS
➔			AIMS-14	Set up a digital data chain to ensure the Aeronautical Information data provision into on-board avionic systems	Ensure the distribution of aeronautical information from Aeronautical Information sources using...	STK OI EN DS
➔			AIMS-19b	Aeronautical Information system is interfaced to receive and distribute aeronautical information electronically to military systems.	Aeronautical Information system is a user for Aeronautical Information from military systems and...	STK OI EN DS
➔			FOC-007	Improved flight crew briefing through integration of digital data	The enabler extends the FOC capabilities in regard to the generation of the briefing package in a...	STK OI
➔			METEO-04c	Generate and provide MET information relevant for Airport and approach related operations at short notice ('time to decision' between 3 minutes and 7days) including rotorcraft and RPAS	The ATM-MET system is acquiring, generating, assembling and providing Meteorological (MET)...	STK OI EN DS ⚙️
➔			METEO-05c	Generate and provide MET information relevant for TMA and En-route related operations at short notice ('time to decision' between 3 minutes and 7days), including for low-level IFR operations.	The ATM-MET system is acquiring, generating, assembling and providing Meteorological (MET)...	STK OI EN DS
➔			METEO-06c	Generate and provide Meteorological information relevant at short notice ('time to decision' between 3 minutes and 7days)	ATM-MET system acquiring, generating, assembling and providing Meteorological (MET) information...	STK OI EN DS
➔			SWIM-STD-02	ISRM Rulebook	In order to achieve interoperable information services, the work on the logical service models...	OI EN