



Solution #46 — SWIM Yellow Profile

To foster interoperability within the future European ATM Network (EATMN) as envisaged by SWIM, the SESAR programme developed a series of documents covering aspects such as concepts, service descriptions, templates, governance and a series of technical resources such as models.

The SWIM Technological solution provides a coherent set of specifications providing essential requirements that are applicable to the standards used in the context of SWIM deployment. These documents are seen as the key elements in steering SWIM enabled systems for ensuring the interoperability;

AIRM; Semantic interoperability

ISRM: 3.1 Organisational interoperability

SWIM TAD, profiles, SWIM TI; SWIM Technical Infrastructure (SWIM TI) and architecture shall enable technical interoperability

The SWIM registry aims at improving the visibility and accessibility of ATM information and services available through SWIM. It enables service providers, consumers, and the swim governance to share a common view on SWIM. The SWIM registry provides consolidated information on services that have been implemented based on SWIM standards. Registry Technical Specification and Registry Concept of Operation documents provides information and requirements required for the implementation of SWIM registry.

Program SESAR1

Need for coordination Network

Related to [Solution #05](#), [Solution #06](#), [Solution #17](#), [Solution #18](#), [Solution #19](#), [Solution #20](#), [Solution #21](#), [Solution #28](#), [Solution #31](#), [Solution #33](#), [Solution #34](#), [Solution #35](#), [Solution #37](#), [Solution #52](#), [Solution PJ.01-01](#), [Solution PJ.01-02](#), [Solution PJ.01-06](#), [Solution PJ.02-01](#), [Solution PJ.02-02](#), [Solution PJ.02-06](#), [Solution PJ.02-08](#), [Solution PJ.03a-01](#), [Solution PJ.03a-03](#), [Solution PJ.03a-04](#), [Solution PJ.04-01](#), [Solution PJ.04-02](#), [Solution PJ.05-02](#), [Solution PJ.05-03](#), [Solution PJ.06-01](#), [Solution PJ.06-02](#), [Solution PJ.07-01](#), [Solution PJ.07-02](#), [Solution PJ.07-03](#), [Solution PJ.08-01](#), [Solution PJ.08-02](#), [Solution PJ.09-01](#), [Solution PJ.09-02](#), [Solution PJ.09-03](#), [Solution PJ.10-01a](#), [Solution PJ.10-01b](#), [Solution PJ.10-01c](#), [Solution PJ.10-02a](#), [Solution PJ.10-02b](#), [Solution PJ.11-G1](#), [Solution PJ.14-02-05](#), [Solution PJ.15-01](#), [Solution PJ.15-08](#), [Solution PJ.15-10](#), [Solution PJ.15-11](#), [Solution PJ.17-01](#), [Solution PJ.17-02](#), [Solution PJ.17-08](#)

Date V1 Gate -

Date V2 Gate -

Date V3 Gate -

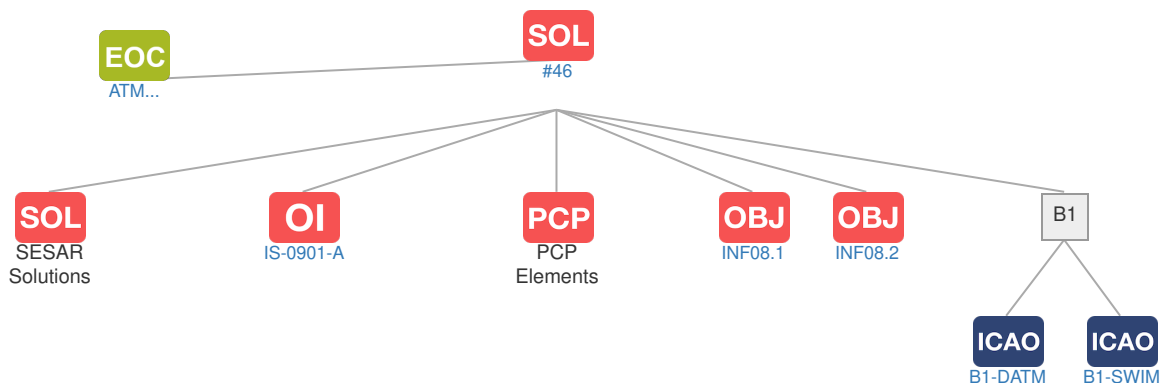
Deployment Start Date 31-12-2018

Benefits Start Date (IOC) 31-12-2023

Full Benefit Date (FOC) 31-12-2029

Context

Related Elements





Operating Environments: No associated data



Phases: No associated data



SESAR Projects: No associated data

PCP PCP Elements

Code	Title	Related Elements
S-AF5.1	Common infrastructure components	SOL OI EN OBJ ICAO
S-AF5.2	SWIM Technical Infrastructure and Profiles	SOL OI EN OBJ ICAO
S-AF5.3	Aeronautical information exchange	SOL OI EN OBJ ICAO
S-AF5.4	Meteorological information exchange	SOL OI EN OBJ ICAO
S-AF5.5	Cooperative network information exchange	SOL OI EN OBJ ICAO
S-AF5.6	Flight information exchange	SOL OI EN OBJ ICAO

OBJ Implementation Objectives

Code	Title	Related Elements
INF08.1	Information Exchanges using the SWIM Yellow TI Profile	STK SOL OI PCP ICAO
INF08.2	Information Exchanges using the SWIM Blue TI Profile	STK SOL OI PCP ICAO

ICAO ICAO Block Modules

Designator	Title	Related Elements
B1		
B1-DATM	Service Improvement through Integration of all Digital ATM Information	SOL OI OBJ PCP
B1-SWIM	Performance Improvement through the application of System Wide Information Management (SWIM)	SOL OI OBJ PCP