



## 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** -

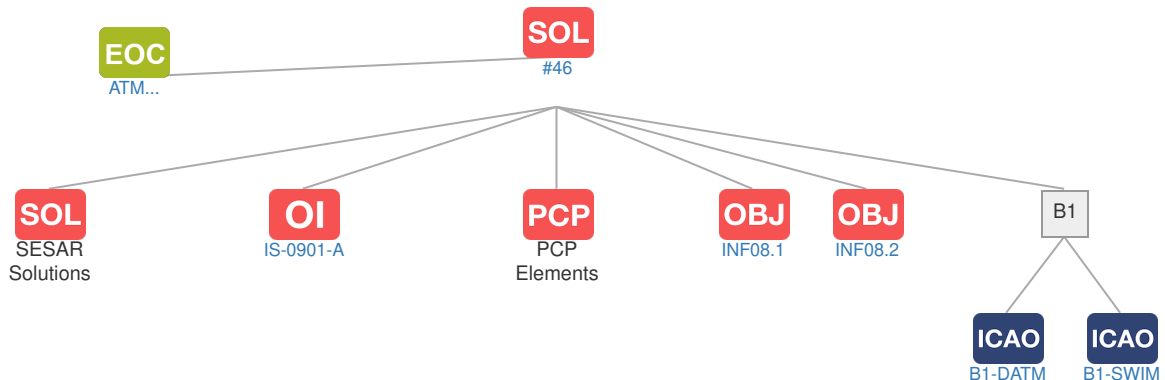
**Deployment Start Date** 31-12-2018

**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<br>ICAO |
| S-AF5.2 | SWIM Technical Infrastructure and Profiles | SOL OI EN OBJ<br>ICAO |
| S-AF5.3 | Aeronautical information exchange          | SOL OI EN OBJ<br>ICAO |
| S-AF5.4 | Meteorological information exchange        | SOL OI EN OBJ<br>ICAO |
| S-AF5.5 | Cooperative network information exchange   | SOL OI EN OBJ<br>ICAO |
| S-AF5.6 | Flight information exchange                | SOL OI EN OBJ<br>ICAO |

## OBJ Implementation Objectives

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