



# IS-0901-B — SWIM Infrastructure for G/G data sharing and initial A/G Data sharing

*SWIM Infrastructure for G/G data sharing and initial A/G Data sharing introduces the deployment of the initial common SWIM technical infrastructure functions such as supervision, security, messaging, etc. It also addresses the improvement of application layer enablers in terms of scope (e.g. flight object not restricted to coordination, initial met data distribution through swim etc..) and to make them integrated in the SWIM technical infrastructure. It includes the participation of additional applications and stakeholders to SWIM (e.g. Network Manager for flight objects). It will also include the provision of new standards related to information and service definition as well as interoperability (through SWIM profiles). Additionally, it proposes the deployment of applications on the aircraft exchanging (i.e. consuming or providing) advisory information with the ground via SWIM.*

**Rationale** -

**Forecast V3 end date** -

**Benefits start date (IOC)** 31-12-2027

**Full benefits date (FOC)** 31-12-2033

**Current Maturity Level** -

**Solution Data Quality Index** -

**Current Maturity Phase** R&D

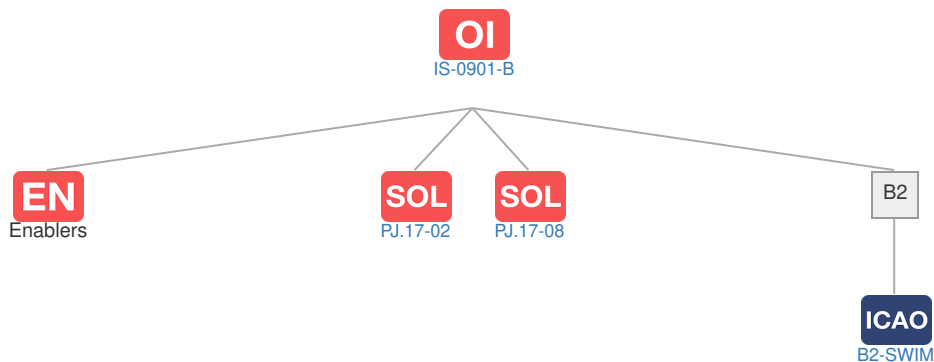
**Scope** -

**Release** R8

**PCP Status** -

## Context

### Related Elements



## EN Enablers

Code	Dates																										
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	
IS-0901-B																											
A/C-47																											
A/C-57																											
A/C-57a																											
A/C-69																											
AIS/M-04-2																											
SWIM-APS-01b																											
SWIM-APS-02b																											
SWIM-APS-03b																											
SWIM-APS-04b																											
SWIM-APS-05b																											
SWIM-APS-06b																											
SWIM-APS-07b																											
SWIM-APS-08b																											
SWIM-APS-09b																											
SWIM-APS-10b																											
SWIM-SUPT-03b																											
SWIM-SUPT-06b																											

## OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	IS-0901-A	SWIM for sharing G/G data, traffic flow management information and aeronautical information	SOL OI EN OBJ DS PCP ICAO
Has successor	IS-0901-C	SWIM for improved integration of SWIM profiles and expanded sharing of A/G Data	SOL OI EN DS ICAO

## SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.17-02	SWIM TI Federated Identity Management	SESAR 2020 Wave 1	SOL PJ OI ICAO
PJ.17-08	SWIM TI Common runtime registry	SESAR 2020 Wave 1	SOL PJ OI DS EOC ICAO

## PCP PCP Elements: No associated data

**OBJ** Implementation Objectives: No associated data

**ICAO** ICAO Block Modules

Designator	Title	Related Elements
B2		
B2-SWIM	Enabling Airborne Participation in collaborative ATM through SWIM	<b>SOL</b> <b>OI</b>