



SDM-0402 — E-AMAN Common Service (Business Improvement)

The concept of Common Services (COSER) aims at addressing the high costs caused by European ATM fragmentation. The idea of sharing a common capability and offer it to different interested consumers is directed at reducing the costs of ATM provision. The Common Service can be provided at different levels, ranging from local to sub regional level, depending on the underlying business model.

The E-AMAN Common Service will have to provide the E-AMAN information for different consumers and purposes and will output local Arrival Planning results (e.g. total delay) aggregated to serve different purposes of the involved actors (e.g. queue management). These will be used in the planning/tactical phase (e.g. departure delay) and in real-time/operations (e.g. delay and/or speed advisories).

The E-AMAN Common Service provides the *technical* capability necessary to operate Extended Arrival Management similar to OI TS-0305-A (SESAR 1 Solution #05). These functions are:
Arrival Sequencing / Planning
Arrival Management Information Distribution to all involved actors

It covers two deployment scenarios - "Colocation" and "Federation". The area of implementation is very wide, ranging from local ATSUs to groups of States and/or FABs.

Rationale	The level of capability considered here is matching basic E-AMAN PCP requirements (as described in IR 716/2014 (PCP)).	
Forecast V3 end date	20-12-2019	
Benefits start date (IOC)	31-12-2026	
Full benefits date (FOC)	31-12-2030	
Current Maturity Level	V3	Solution Data Quality Index -
Current Maturity Phase	R&D	
Scope	-	
Release	-	
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	
SDM-0402																											
SVC-004																											

OI Dependent OI Steps

Relationship	Code	Title	Related Elements
Has predecessor	TS-0305	Arrival Management Extended to En-Route Airspace	
Has predecessor	TS-0305-A	Arrival Management Extended to En-Route Airspace - single TMA	
Has predecessor	TS-0305-B	Arrival Management Extended to En-Route Airspace - impact of overlapping AMAN operations for En Route ATC	

SOL SESAR Solutions

Code	Title	Program	Related Elements
PJ.15-02	E-AMAN Service	SESAR 2020 Wave 1	

PCP Elements: No associated data

Implementation Objectives: No associated data

ICAO Block Modules: No associated data