



# Solution PJ.09-03 — Collaborative Network Management Functions

Collaborative Network Management Functions allow for network management based on transparency, performance targets and agreed control mechanisms. The solution enables a real-time visualisation of the evolving AOP/NOP planning environment (such as demand pattern and capacity bottlenecks) to support airspace user and local planning activities. Network Operations planning and execution is managed by an agreed set of rules and procedures (including what-if), guiding subsidiary DCB and UDPP measures under consideration of trade-offs and network performance targets. Collaborative 4D constraints management integrates AUs priorities and preferences, reconciliation of DCB measures with Airports, ACCs, AU and NM, relying on the Multiple Constraints Resolver process.

**Program** SESAR 2020 Wave 1

**Need for coordination** Network

**Related to** [Solution #18](#), [Solution #20](#), [Solution #21](#), [Solution #46](#), [Solution #56](#), [Solution PJ.01-01](#), [Solution PJ.01-02](#), [Solution PJ.04-02](#), [Solution PJ.07-01](#), [Solution PJ.07-02](#), [Solution PJ.07-03](#), [Solution PJ.08-01](#), [Solution PJ.08-02](#), [Solution PJ.09-02](#), [Solution PJ.10-01b](#), [Solution PJ.15-01](#), [Solution PJ.16-04](#)

**Date V1 Gate** -

**Date V2 Gate** -

**Date V3 Gate** -

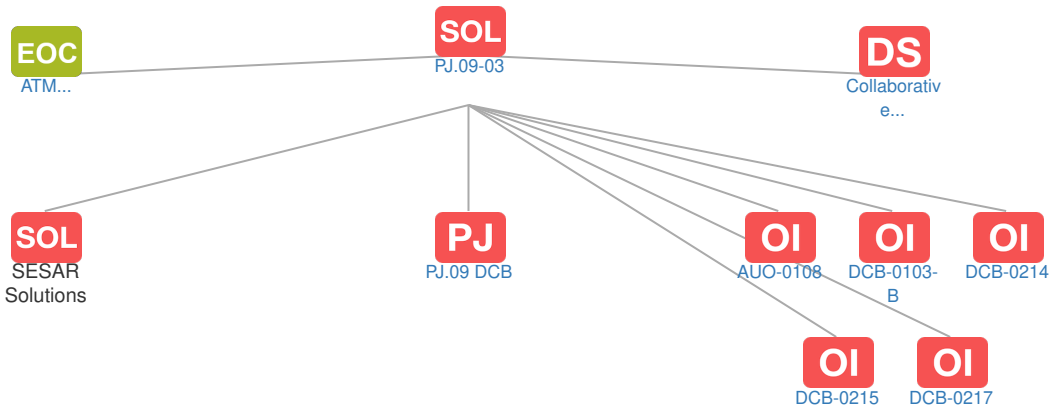
**Deployment Start Date** 31-12-2017

**Benefits Start Date (IOC)** 31-12-2027

**Full Benefit Date (FOC)** 31-12-2032

## Context

### Related Elements





PRO-096					▲																	
PRO-098																						
PRO-100																						
DCB-0215																						
FOC-006				▲																		
NIMS-13c			▲		V5																V4	
NIMS-21b					V4	V5		▲														
NIMS-23			▲	V4	V5																	
NIMS-25	▲		V5																			
NIMS-49								▲	V4	V5												
PRO-098																						
PRO-100																						
DCB-0217																						
NIMS-23			▲	V4	V5																	
NIMS-46								▲	V4	V5												
SWIM-APS-04b								▲														
→ AOC-ATM-10																						
→ ER APP ATC 82								▲	V4	V5												
→ NIMS-13c			▲		V5																V4	
→ NIMS-21b					V4	V5		▲														
→ PRO-100																						
→ SWIM-APS-03b			▲																			

**PCP** PCP Elements: No associated data

**OBJ** Implementation Objectives: No associated data

**ICAO** ICAO Block Modules: No associated data