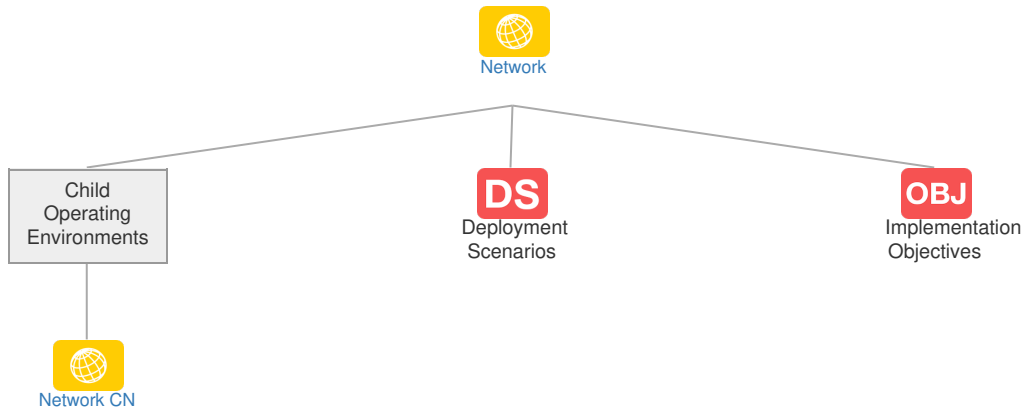




# Network

## Context

### Related Elements





Parent Operating Environment: No associated data



### Child Operating Environments

Title	Description	Related Elements
<a href="#">Network</a>	-	




















































































































































































SESAR Solutions: No associated data

## DS Deployment Scenarios

Code	Title	Related Elements
-	Aircraft as an AIM/MET sensor and consumer	
-	Airport integration into the network	
-	Alternative position, navigation and timing (A-PNT)-short term	
-	CNS rationalisation	
-	CNS services evolution	
-	Collaborative airport (airport operations plan - network operations plan, phase 2)	
-	Collaborative control and multi-sector planner in en-route	
-	Collaborative framework for managing delay constraints on arrivals	
-	Collaborative network performance management	
-	Collision avoidance for IFR RPAS	
-	Digital collaborative airport performance management	
-	Digital integrated network management and ATC planning	
-	Digitally enhanced briefing	
-	Dynamic airspace configuration	
-	Dynamic airspace configuration supporting moving areas	
-	E-AMAN service	
-	Enhanced ATFM slot swapping	
-	Enhanced collaborative airport performance planning and monitoring	
-	Enhanced integration of AU trajectory definition and network management processes	
-	Enhanced network traffic prediction and shared complexity representation	
-	Flight-centric ATC and improved distribution of separation responsibility in ATC	
-	Hyper-connected ATM	
-	Improved aviation AIM and MET services through automation and digitalisation	
-	Improved vertical profiles through enhanced vertical clearances	
-	Mission trajectories management with integrated dynamic mobile areas type 1 and type 2	
-	Network optimisation of multiple ATFCM time-based measures	
-	Next generation AMAN for a 4D environment	
-	Performance based free routing in lower airspace	
-	RBT revision supported by datalink and increased automation	
-	SWIM TI (technical infrastructure) purple profile for air/ground advisory information sharing	
-	SWIM TI purple profile for air/ground safety-critical information sharing	
-	Static aeronautical data service	
-	Sub-regional demand capacity balancing service	
-	Surveillance performance monitoring	
-	Trajectory prediction service	
-	eFPL supporting SBT transition to RBT	

## OBJ Implementation Objectives

Code	Title	Related Elements
AOM13.1	Harmonise Operational Air Traffic (OAT) and General Air Traffic (GAT) Handling	    
AOM14	Implement re-organisation of ECAC airspace to ensure a uniform and simplified application of ICAO Air Traffic Service classes Flight Level 195 and below	  
AOM18	Implement ATS Route Network (ARN) - Version 6	  
AOM19	Implement Advanced Airspace Management	   
AOM19.1	ASM Support Tools to Support Advanced FUA (AFUA)	     
AOM19.2	ASM Management of Real-Time Airspace Data	     
AOM19.3	Full Rolling ASM/ATFCM Process and ASM Information Sharing	     
AOM19.4	Management of Pre-defined Airspace Configurations	  
AOM20	Implement ATS Route Network (ARN) - Version 7	  
AOM21.1	Direct Routing	     
AOM21.2	Free Route Airspace	     
AOP05	Airport Collaborative Decision Making (A-CDM)	     
AOP08	Implement Airport Airside Capacity Planning Method	  
AOP11	Initial Airport Operations Plan	     
AOP17	Provision/integration of departure planning information to NMOC	   
ATC17	Electronic Dialogue as Automated Assistance to Controller during Coordination and Transfer	   
COM10	Migrate from AFTN to AMHS	  
COM11.1	Voice over Internet Protocol (VoIP) in En-Route	  
COM12	New Pan-European Network Service (NewPENS)	   
FCM01	Implement enhanced tactical flow management services	   
FCM03	Collaborative Flight Planning	   
FCM04.1	Short Term ATFCM Measures (STAM) - Phase 1	  
FCM04.2	Short Term ATFCM Measures (STAM) - Phase 2	     
FCM05	Interactive Rolling NOP	     
FCM06	Traffic Complexity Assessment	     
FCM07	Calculated Take-off Time (CTOT) to Target Times for ATFCM Purposes	     
FCM07.1	Implement Target Times for ATFM purposes	    
FCM08	Extended Flight Plan	     

Code	Title	Related Elements
FCM09	Enhanced ATFM Slot Swapping	    
INF04	Implement integrated briefing	  
INF08.1	Information Exchanges using the SWIM Yellow T1 Profile	     
INF08.2	Information Exchanges using the SWIM Blue T1 Profile	     
INF09	Digital Integrated Briefing	   
ITY-ACID	Aircraft Identification	  
ITY-ADQ	Ensure Quality of Aeronautical Data and Aeronautical Information	   
ITY-AGDL	Initial ATC Air-Ground Data Link Services	   
ITY-AGVCS2	8,33 kHz Air-Ground Voice Channel Spacing below FL195	  
ITY-COTR	Implementation of ground-ground automated co-ordination processes	    
ITY-FMTP	Common Flight Message Transfer Protocol (FMTP)	   
ITY-SPI	Surveillance Performance and Interoperability	