



# CTE-C06a — PENS - Phase 1

PENS provides a common IP-based secured network service for the connected ANSPs, NM systems (incl. EAD) across the Pan-European region and enables the implementation of AMHS, FMTP, Surveillance data exchange, VoIP (radio and telephony)

**Category** SYSTEM

**Stakeholder** Air Navigation Service Provider  
Civil  
Civil CNS Service Provider

**V3 End** -

**V4 Start** -

**V5 Start** -

**V4 End** -

**V5 End** 31-12-2010

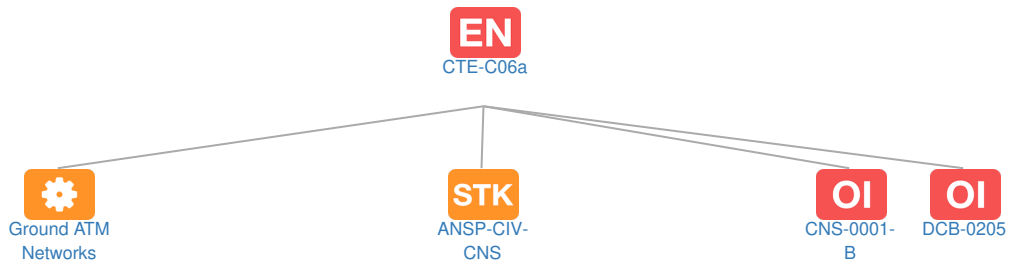
**Air Navigation Service Provider:** -  
Civil  
Civil CNS Service Provider: -

**IOC** 31-12-2010

**FOC** 31-12-2014

## Context

### Related Elements



**OI** Operational Improvement Steps

Code	Benefits start date (IOC) - Full benefit date (FOC)																										
	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	
CTE-C06a																											
CNS-0001-B																											
DCB-0205																											

**EN** Dependent Enablers: No associated data

**PCP** PCP Elements: No associated data

**STK** Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	<b>EN</b>
ANSP-CIV-CNS	Civil CNS Service Provider	<b>EN</b>

Standards: No associated data

**OBJ** Implementation Objectives: No associated data

Stakeholder Lines of Action (SLoAs): No associated data

**PJ** SESAR Workpackages: No associated data