



# CTE-C05a — VoIP for ground telephony

Voice over IP (VoIP), based on ED137B VOL2:TELEPHONY, is deployed for ATM ground telephony between ATSU's to enable dynamic sectorisation. VoIP is a replacement of legacy Voice circuits as a number of European telecommunication service providers are phasing out legacy voice circuits

**Category** SYSTEM

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

**V3 End** 31-12-2012

**V4 Start** -

**V4 End** -

**V5 Start** -

**V5 End** -

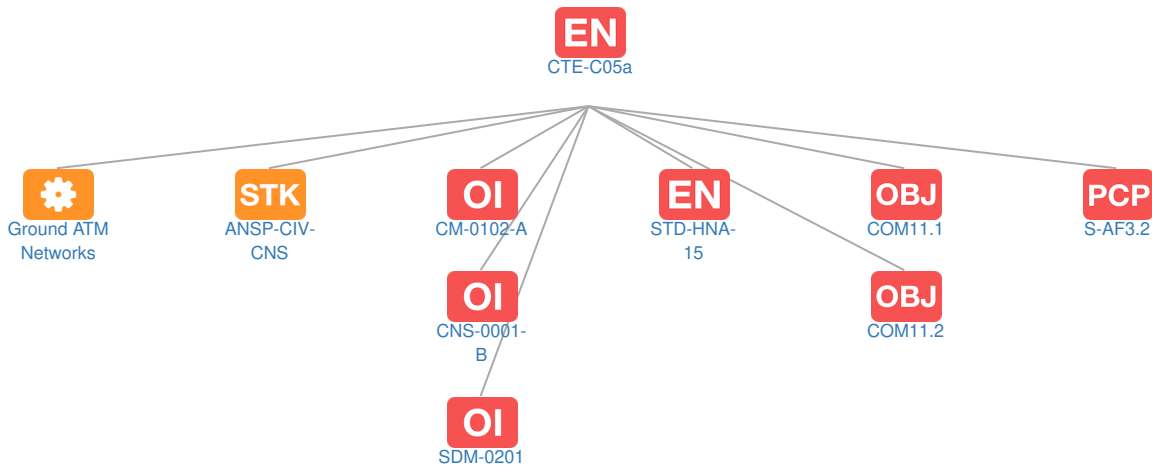
**Air Navigation Service Provider:** -  
Civil  
Civil CNS Service Provider: -

**IOC** -

**FOC** -

## Context

### Related Elements



## 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-C05a																											
CM-0102-A																											
CNS-0001-B																											
SDM-0201																											

## Dependent Enablers

Relationship	Code	Title	Related Elements
Enabled by	STD-HNA-15	Harmonisation and interoperability standards for VoIP	

## PCP Elements

Code	Title	Related Elements
S-AF3.2	Free Route	 

## STK Stakeholders

Code	Title	Related Elements
ANSP	Air Navigation Service Provider	
ANSP-CIV-CNS	Civil CNS Service Provider	

Standards: No associated data

## Implementation Objectives

Name	Description	Related Elements
COM11.1	Voice over Internet Protocol (VoIP) in En-Route	
COM11.2	Voice over Internet Protocol (VoIP) in Airport/Terminal	

## Stakeholder Lines of Action (SLoAs)

Name	Description
COM11.1-ASP03	Upgrade and put into service Voice Communication Systems to support VoIP inter-centre telephony
COM11.2-ASP03	Upgrade and put into service Voice Communication Systems to support VoIP centre-tower telephony



SESAR Workpackages: No associated data