

C-VOICE: ATS VOICE OVER IP (TELEPHONY AND RADIO)

OBJECTIVES.

This course provides a detailed view of aeronautical voice telephony and radio networks, largely focusing on the transition of current systems to the Voice over Internet Protocol (VoIP) based on EUROCAE WG67 standards.

It looks in detail at VoIP principles and its future use in aeronautical communications, including crucial migration issues for integrating VoIP into the ATM network architecture.

WHO SHOULD ATTEND.

This course will be directed to:

- **Engineering, Technical and/or Maintenance** professionals of an Air Navigation Service provider (ANSP) that are involved in the design, installation and/or operation of VoIP telephony and radio.
- **CNS/ATM sector companies staff** requiring knowledge of this new technology defined by EUROCAE WG67 to evolve their current legacy voice to VoIP or, simply, a more accurate view that allows to take a leader position in order to generate more complete Offers bidding to the Call For Tenders launched by the ANSPs.

KEY BENEFITS OF ATTENDING.

You will:

- **Learn** EUROCAE VoIP technology for ATS implementation.
- **Understand** the principles for designing the migration to VoIP telephony and radio systems.
- **Know** the technical and operational specifications of VCS and radio based on EUROCAE VoIP.
- **Practise** the implementation of operational procedures.
- **Win** experience and know-how implementing VoIP systems.

HIGHLIGHTS

Technical course based on a wide experience deploying systems and services based on EUROCAE VoIP standards.

Practical explanations based on current operational implementations.

Practical exercises to settle down theoretical concepts.

Ideal course for students with little, middle or high background on legacy and VoIP systems due to the customization performed by the Trainer.

Recommendable course for designers, implementers, developers and professionals within the aeronautical CNS/ATM sector.



COURSE PRE-REQUISITES.

Knowledge about legacy voice.