EUROCAE WORKING GROUP 67

VoIP-BASED COMMUNICATION SERVICES FOR AIR TRAFFIC MANAGEMENT

In 2004, EUROCAE (European Organisation for Civil Aviation Equipment) Working Group 67 was formed to define requirements for VoIP-based communication for Air Traffic Management. Members of Working Group 67 include European Air Navigation Service Providers (ANSPs), suppliers of VCS equipment and ground-based radio systems, the US Federal Aviation Administration (FAA), EUROCONTROL and other equipment suppliers.

February 2009 saw the official release of three major EUROCAE WG-67 specifications (ED-136 to ED-138). The latest is ED-137B, released in January 2012.

WITH THE MOST OPERATIONAL ATM VoIP REFERENCES, FREQUENTIS LEADS THE MARKET

→ **ED-136:** VoIP ATM System Operational and Technical Requirements
→ **ED-137B:** Interoperability Standards for VoIP ATM Components
→ **ED-138:** Network Requirements and Performances for VoIP ATM Systems

ICAO ED-137B
ICAO references ED-137B as the international standard for VoIP in Air Traffic Management in ICAO Doc 9896, Interoperability Standards for VoIP ATM components. In December 2014 the ICAO CP supported the publication ICAO 9896 edition 2.

Frequentis actively contributes to the standards, for example, as subgroup leaders for radio and telephone communication. Last year EUROCAE and Frequentis jointly celebrated the 10th anniversary of EUROCAE Working Group 67. About 50 high-ranked technical representatives from ANSPs and industry from Europe, USA, Brazil, and Australia took part in the meeting and celebration hosted by Frequentis.

EUROCAE

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EUROCAE WG-67

The aim of EUROCAE WG-67's activities is to harmonise interoperabilty of VoIP-based voice communication systems in Air Traffic Management across the globe. The need to develop and agree international standards for voice and data communications networks is critical given the transition to globally integrated air traffic management through SESAR and NextGen. Such standards will ensure a future-proof ATM communication infrastructure and guarantee long-term investment protection for the ANSPs.

ED-136/137/138 STANDARDS

The ED-136/137/138 documents are vital components of the global standardisation process for IP-based ATM voice communication systems. Since ICAO references the ED-137 in their latest edition of the Interoperability Standards Doc 9896, it is a real global standard for VoIP in ATM.

Many ANSPs worldwide have already included ED-136/137/138 references in their equipment purchase specifications.

BEST PERFORMING VoIP RADIO NETWORK

→ Over 25,000 air traffic controllers trust our reliable ATC VCS every day
→ Frequentis delivers the best performing VoIP communication solutions: from every working position to the radio; from small tower deployments to countrywide communications solutions
→ The most references and best practice examples show the trust our customers have in us

END-TO-END VoIP PERFORMING TO YOUR BUSINESS NEEDS

Frequentis, the technological innovation leader in ATM communications, has successfully implemented more than 1,000 projects in over 115 countries worldwide.

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