

VOIP ED137 INTEROPERABILITY TESTS CERTIFICATES OF PARTICIPATION

01 March 2020
Revision 2.0



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Autore	Roberto Weger
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Revisions

Revisione	Data	Descrizione
1.0	01 Jun 2018	Creation of the document
2.0	01 Mar 2020	Interoperability tests at FAA

1. CONTENT

SITTI is an active member of several international standardization bodies, including EUROCAE and EUROCONTROL, which have issued standards and recommendations concerning the use of VOIP (*Voice Over IP*) in the ATM and ATC fields (*Air Traffic Management and Control*). The most famous among such documents is standard

EUROCAE ED-137

In order to verify the correctness of the provisions contained in the standards, a series of interoperability test sessions (also called *plugtests*) have been organized with the intent of putting together several manufacturers of different equipments (VCS, radios, telephones, recorders). All manufacturers had the opportunity to test their own devices versus all other participants. Any possible problem or suggestion arising from such tests has been discussed and possible changes, integrations, modifications have been later incorporated into the standards.

This document contains the certificates of participation of SITTI to all the interoperability events.

2. INTERNATIONAL STANDARDISATION BODIES

2.1 EUROCAE

SITTI is active member of EUROCAE Working Group 67, devoted to the definition of the ED137 international standard on “*Interoperability Standards for VOIP ATM Components*”.



DECLARATION

Guy Potiron (DSNA, the French ANSP), Chairman of the EUROCAE Working Group WG67, the European Organization for Civil Aviation Equipment, hereby confirms that SITTI has been actively participating since its foundation in March 2004 in the WG67 works aimed at the definition of the VOIP in ATM standards. More specifically, the contribution of SITTI has been focused on standard EUROCAE ED137 (Interoperability Standards for VOIP ATM Components) as stated in the List of Contributors of the latest ED 137 documents published in January 2012.

**Guy Potiron
DSNA/DTIP
guy.potiron@aviation-civile.gouv.fr**

A handwritten signature in black ink, appearing to be "G. Potiron", written over a horizontal line.

EUROCAE WG67 Chairman

2.2 EUROCONTROL VOTE

SITTI is also active member of EUROCONTROL VOTE Working Group (*VoIP Implementation and Transition Expert Group*).

General Directorate		
Direction générale		
Date	May 16, 2012	<div>SITTI S.p.A. ATC Equipment Via Cadorna, 69 20090 Vimodrone (Mi) ITALY</div> <div>Attn. Mr Roberto Weger</div>
Ref.:	DNM/COO/DCO/CFC/S002-2012	
Subject:	Confirmation of attendance	
Objet:	Participation at VOTE group	
Contact:	J. Pouzet	
Direct Line:	+ 32 (0)2 729 3652	
Ligne directe:		
Encl.:		
P.J.:		

Dear Sir,

Following your request, I hereby confirm that SITTI has been actively participating since its foundation in the VOTE group (VoIP Implementation and Transition Expert Group). VOTE aimed at the finalisation of the VoIP standards in the ATM field. More specifically, the contribution of SITTI has been focused on the EUROCAE ED137 standard (Interoperability Standards for VoIP ATM Components).

Yours faithfully,



Jacky Pouzet

Head of COMMUNICATION and Frequency Coordination
VOTE Group Chairman

3. INTEROPERABILITY EVENTS (PLUGTESTS)

SITTI has been participating in all interoperability exercises for the verification of interoperability among equipment from different vendors. All tests proved full interoperability and adherence to the existing standards. The events organized so far are:

- ETSI 2008 – Sophie Antipolis (France)
- ETSI 2009 – Sophie Antipolis (France)
- ETSI 2010 – Sophie Antipolis (France)
- ETSI 2011 – Sophie Antipolis (France)
- FAA 2011 – Arlington (USA)
- FAA 2019 – Atlantic City (USA)





World Class Standards

Certificate of Participation

awarded to

SITTI

for their attendance at the Air Traffic Management VoIp event

Sophia Antipolis, France April 2009

03 April 2009

The issuance of the present document
does not imply any form of certification by ETSI




Jørgen Friis
ETSI Vice President

ETSI - 650, route des Lucioles - 06921 Sophia Antipolis Cedex - France
www.etsi.org



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SITTI

for their attendance at the Air Traffic Management VoIp event

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Jørgen Friis
ETSI Vice President

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Certificate of Participation

awarded to

SITTI

for their attendance at the Air Traffic Management VoIp event

Sophia Antipolis, France June 2011

24 June 2011

The issuance of the present document
does not imply any form of certification by ETSI



A handwritten signature in blue ink, appearing to read "J. Friis".

Jørgen Friis
ETSI Vice President

ETSI - 650, route des Lucioles - 06921 Sophia Antipolis Cedex - France
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U.S. Department
of Transportation
**Federal Aviation
Administration**

November 2, 2012

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Dear Mr. Weger,

The Federal Aviation Administration (FAA) hereby acknowledges SITTI's active and successful participation at the first FAA Voice over Internet Protocol (VoIP) Interoperability Event, which took place in Arlington, Virginia, from May 16th through 25th, 2011.

The FAA VoIP Interoperability Event demonstrated the successful interoperation of products from different manufacturers designed and built to meet Air Traffic Management (ATM) VoIP standards and specifications developed by EUROCAE with FAA participation.

The event created a proving ground to evaluate product maturity, specification stability, and the robustness of VoIP for ATM applications, one of the areas critical to the ongoing modernization of the National Airspace System (NAS) known as NextGen.

Sincerely,

Dieter Thigpen
Voice Services Manager
AJM-313
Federal Aviation Administration



U.S. Department
of Transportation
**Federal Aviation
Administration**

May 16, 2019

SITTI SpA
Mr. Roberto Weger, Communications Manager
Via Cadorna 69/73
20090 Vimodrone (MI)
ITALY

Dear Mr. Weger:

The Federal Aviation Administration (FAA) hereby acknowledges SITTI's active and successful participation at the recent FAA Voice over Internet Protocol (VoIP) Interoperability Event, which took place in Atlantic City, New Jersey, from April 29th through May 10th, 2019.

The SITTI Voice Communications System (VCS) played an important role in demonstrating the interoperation of equipment designed and built to meet ED-137C Air Traffic Management (ATM) VoIP standards and specifications.

The event created a proving ground to evaluate and validate the ED-137C specification maturity as the international VoIP standards for ATM applications. Moreover, the event mitigates the interoperability risks among the ED-137C equipment, which would significantly reduce the technical and financial risks to Air Navigation Service Providers in transitioning from an analog to digital infrastructure.

Sincerely,

Dieter Thigpen
Air/Ground Voice Communication Manager, AJM-313
Federal Aviation Administration

Cc: Mr. Davide Lampugnani