

Project 25 Compliance Assessment Program
CSSI Interoperability Test
SDOC - FREQUENTIS – UNIFIED P25 GATEWAY – CONSOLE
Tested with TAIT – TN94000 - RFSS
October 31, 2023

SDOC EQUIPMENT INFORMATION

Equipment Info	Detail
Vendor Name:	FREQUENTIS AG
Model Name:	UNIFIED P25 GATEWAY
Equipment Type:	Console
Tested Software Versions:	1.14
Options:	
P25 CAP Test Requirements CAB	P25-CAP_ISSI-CSSI Interop REQ CAB-Rev2 (June 2021)

Equipment Tested With SDOC Equipment Information

Equipment Info	Detail
Vendor Name:	Tait Communications
Model Name:	TN9400
Equipment Type:	RFSS
Tested Software Versions:	02.26.04.2307311331-REL
Options:	
P25 CAP Test Requirements CAB	P25-CAP_ISSI-CSSI Interop REQ CAB-Rev2 (June 2021)

SUMMARY TEST REPORT IDENTIFIER¹

Summary Test Report (STR) Identifier:	STR - FREQUENTIS - ISSI/CSSI
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Test case results and updated software versions for this model can be found in the Summary Test Report identified below.

CONTACT INFORMATION

SDOC Vendor Info	Details
Vendor Name:	FREQUENTIS AG
Vendor Website URL:	http://www.frequentis.com/Internet/
P25 CAP Contact Name:	Karl Wannemacher

¹ The Summary Test Report for this product is available upon request. Please send your STR request to P25CAP@hq.dhs.gov and please include the 'Vendor Name' of the ISSI CSSI equipment.

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CSSI-Console Interoperability Test

(includes Console Based CSS Equipment and Console Integrated with a RFSS)

The test cases in this section apply to the Console Sub System Interface (CSSI) of a Console. All test cases including all the role combinations required for each test case were passed except for those test cases/role combinations identified below under Unsupported, Not Tested or Failed Test Cases.

P25 CAP CSSI-RFSS Interoperability Testing Coverage

Full Rate Group Voice Services (FDMA): Group Voice Call (including Unconfirmed Group Call, Confirmed Group Call Grant after RF Resources Become Available, Group Call Denied and Group Call Interrupt), Unit-to-Unit Call (including With Availability Check, Without Availability Check and Call Denied), Broadcast Call, Talk Group Registration (including Registration Permitted and Registration Denied), Announcement Group Call, Emergency Group Call (including Emergency Group Call, Emergency Group Call Request Queued and Emergency Call Request Ruthless Preemption) and Encrypted Group Call

Half Rate Group Voice Services (TDMA): Group Voice Call (including Unconfirmed Group Call, Confirmed Group Call Grant after RF Resources Become Available, Group Call Denied and Group Call Interrupt), Unit-to-Unit Call (including With Availability Check and Without Availability Check), Broadcast Call, Talk Group Registration (including Registration Permitted), Announcement Group Call, Emergency Group Call (including Emergency Group Call, Emergency Group Call Request Queued and Emergency Call Request Ruthless Preemption) and Encrypted Group Call

Optional Product Capabilities Required to Pass Test Cases

1. None

Unsupported, Not Tested or Failed Test Cases

1. Group Call Interrupt - Console-Under-Test does not support
2. Unit-to-Unit Call With Availability Check – Console-Under-Test does not support
3. Unit to Unit Call without Target Availability Check – not supported by the RFSS supporting the testing
4. Unit to Unit Call Denied - U2U4 role - not supported by the RFSS supporting the testing
5. Emergency Group Call – No Units Roaming – GC7 Role - Console-Under-Test does not support
6. Emergency Group Call Request Queued – No Units Roaming – not supported by the RFSS supporting the testing
7. Emergency Group Call Ruthless Preemption – No Units Roaming – GC7 Role – Console-Under-Test does not support

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October 31, 2023**

SIGNATURE AND DATE

Oct 31, 2023

Date Signed



Vendor's Authorized Representative Signature

Karl Wannemacher

Vendor's Authorized Representative Printed Name

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DHS Privacy Notice - P25 Compliance Assessment Program (CAP)

Authority: The information requested is collected under 6 U.S.C. §§194, 195,195a and 44 U.S.C. 3101

Purpose: The Department of Homeland Security (DHS) is requesting this information from you as a designated point of contact for a vendor/supplier participating in DHS' P25 Compliance Assessment Program (CAP). P25 CAP provides public safety agencies with evidence that equipment they purchase is tested against and compliant with standards for performance, conformance, and interoperability. The contact information provided to DHS will be used by DHS to contact the vendor/supplier. The information will also be placed on the P25 CAP website as part of an equipment vendor/supplier's profile and will be available to public safety agencies and others who view that profile.

Disclosure: Furnishing point-of-contact information and participating in P25 CAP is voluntary. However, failure to provide point of contact information may be the basis for denying a vendor/supplier participation in P25 CAP.

Routine Uses: The information will be used by and disclosed to S&T personnel for the purpose stated above. DHS follows approved routine uses described in the associated published system of records notice [DHS/ALL-002 Department of Homeland Security (DHS) Mailing and Other Lists System] and the published privacy impact assessment [DHS/ALL/PIA-006 DHS General Contact Lists], which you can find at www.dhs.gov/privacy.