



DEFENSE INFORMATION SYSTEMS AGENCY

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FORT MEADE, MARYLAND 20755-0549

IN REPLY
REFER TO: Joint Interoperability Test Command (JTE)

6 Apr 12

MEMORANDUM FOR DISTRIBUTION

Subject: Extension of the Special Interoperability Test Certification of the Forum Communications Consortium II with Software Release 7.1

References: (a) DoD Directive 4630.05, "Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)," 5 May 2004
(b) CJCSI 6212.01E, "Interoperability and Supportability of Information Technology and National Security Systems," 15 December 2008
(c) through (e), see Enclosure

1. References (a) and (b) establish the Defense Information Systems Agency, Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification.
2. The Forum Communications Consortium II with Software Release 7.1 is hereinafter referred to as the System Under Test (SUT). The SUT meets all of its critical interoperability requirements and is certified for joint use within the Defense Information System Network (DISN) as an audio conferencing bridge. The SUT supports up to 16 Digital Transmission Link Level 1 (T1) Primary Rate Interfaces (PRI) for a total of up to 480 ports for conferees. The SUT supports preset and Meet-Me conference types. The SUT is certified for use with any digital switching system on the Unified Capabilities (UC) Approved Products List (APL) that is certified interoperable within the Defense Switched Network (DSN) for a T1 PRI interface with American National Standards Institute (ANSI) T1.619a protocol. The SUT meets the critical interoperability requirements set forth in Reference (c), using test procedures derived from Reference (d). No other configurations, features, or functions, except those cited within this report, are certified by JITC. This certification expires upon changes that affect interoperability, but no later than three years from the date of Defense Information Assurance (IA)/Security Accreditation Working Group (DSAWG) accreditation.
3. The extension of this certification is based upon Desktop Review (DTR) 2. The original certification is based on interoperability testing conducted by JITC, Reference (e), and DSAWG accreditation. Interoperability testing was conducted by JITC at the GIG (Global Information Grid) Network Test Facility (GNTF), Fort Huachuca, Arizona, from 8 through 15 October 2010. DSAWG granted accreditation on 19 January 2011 based on the security testing completed by DISA-led IA test teams and published in a separate report, Reference (f).). The original certification was extended based on DTR 1, extension published in a separate report, Reference (g). DTR 2 (this DTR) requests to update the solution to add remote management via the local

area network for system administration and user access, use a site-provided Public Key Infrastructure and Public Key Enabling workstation, and change the operating system to Windows 2008 Standard Edition Service Pack 2. IA and interoperability (IO) verification and validation testing was conducted from 5 through 9 December 2011. No impact on the IO features and functions of this SUT were introduced by the items listed in this DTR. DISA IA Certifying Authority (CA) recommended amending the current certification to include the items included within this DTR request on 28 February 2011 based on the additional security testing completed by DISA-led IA test teams and published in a separate report, Reference (h). Therefore, JITC approves this DTR.

4. The Functional Requirements used to evaluate the interoperability of the SUT and the interoperability statuses are indicated in Table 1.

Table 1. SUT Functional Requirements and Interoperability Status

Interface	Critical	Certified	Functional Requirements	Met	UCR Paragraph
T1 ISDN PRI (B8ZS/ESF)	Yes ¹	Yes	Preset Conferencing (R)	Yes	5.2.1.6.1
			Conference Notification Recorded Announcement (R)	Yes	5.2.1.6.1.1
			Automatic Retrial and Alternate Address (R)	Yes	5.2.1.6.1.2
			Bridge Release (R)	Yes	5.2.1.6.1.3
			Lost Connection to Conferee or Originator (R)	Yes	5.2.1.6.1.4
			Secondary Conferencing (R)	Yes	5.2.1.6.1.5
			Meet-Me Conferencing (C)	Yes	5.2.1.6.2
			Address Translation (R)	Yes	5.2.1.7
	Yes	Met ²	Conference Precedence Level (R)	Yes	5.2.2.8.7.1
	Yes	Met ²	Security (R)	Yes	4.3.1.2

NOTES:

- The UCR does not specify a minimum required interface for an external conference bridge. The SUT meets the critical interoperability Functional Requirements via a T1 ISDN PRI interface with ANSI T1.619a protocol. Since T1 ISDN PRI is the only interface supported by this conference bridge, it is a critical interface.
- Security is tested by DISA-led Information Assurance test teams and published in a separate report, References (f and h).

LEGEND:

ANSI	American National Standards Institute	PRI	Primary Rate Interface
B8ZS	Bipolar Eight Zero Substitution	R	Required
C	Conditional	SUT	System Under Test
DISA	Defense Information Systems Agency	T1	Digital Transmission Link Level 1 (1.544 Mbps)
ESF	Extended Superframe	T1.619a	SS7 and ISDN MLPP Signaling Standard for T1
ISDN	Integrated Services Digital Network	UCR	Unified Capabilities Requirements

5. No detailed test report was developed in accordance with the Program Manager's request. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet at <https://stp.fhu.disa.mil>. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at <http://jit.fhu.disa.mil> (NIPRNet), or <http://199.208.204.226> (SIPRNet). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at <http://jitc.fhu.disa.mil/tssi>. Due to the


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sensitivity of the information, the Information Assurance Accreditation Package (IAAP) that contains the approved configuration and deployment guide must be requested directly through government civilian or uniformed military personnel from the Unified Capabilities Certification Office (UCCO), e-mail: ucco@disa.mil.

6. The JITC point of contact is Ms. Anita Mananquil, DSN 879-5164, commercial (520) 538-5164, FAX DSN 879-4347, or e-mail to anita.mananquil@disa.mil. The JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The original tracking number for the SUT is 1014001.

FOR THE COMMANDER:

Enclosure a/s


for BRADLEY A. CLARK
Chief
Battlespace Communications Portfolio

Distribution (electronic mail):

Joint Staff J-6

Joint Interoperability Test Command, JT1

Office of Chief of Naval Operations, CNO N6F2

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U.S. Marine Corps MARCORSSYSCOM, SIAT, MJI Division I

DOT&E, Net-Centric Systems and Naval Warfare

U.S. Coast Guard, CG-64

Defense Intelligence Agency

National Security Agency, DT

Defense Information Systems Agency Test and Evaluation Executive, TEO

Office of Assistant Secretary of Defense (NII)/DOD CIO

U.S. Joint Forces Command, Net-Centric Integration, Communication, and Capabilities Division, J68

Defense Information Systems Agency, GS23

ADDITIONAL REFERENCES

- (c) Office of the Assistant Secretary of Defense, "Department of Defense Unified Capabilities Requirements 2008," 22 January 2009
- (d) Joint Interoperability Test Command, "Defense Switched Network Generic Switch Test Plan (GSTP), Change 2," 2 October 2006
- (e) Joint Interoperability Test Command, Memo, JTE, "Special Interoperability Test Certification of the Forum Communications Consortium II with Software Release 7.1," 19 January 2011
- (f) Joint Interoperability Test Command, Memo, "Information Assurance (IA) Assessment of Forum Communications Consortium II Release (Rel.) 7.1 (Tracking Number 1014001)," 20 June 2011
- (g) Joint Interoperability Test Command, Memo, JTE, "Extension of the Special Interoperability Test Certification of the Forum Communications Consortium II with Software Release 7.1," 30 June 2011
- (h) Joint Interoperability Test Command, Memo, "Information Assurance (IA) Assessment of Forum Communications Consortium II Release (Rel.) 7.1 (Tracking Number 1014001), with Desktop Review 2," To be published