



DEFENSE INFORMATION SYSTEMS AGENCY

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

3 Dec 12

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Extension of the Special Interoperability Test Certification of the Sonexis ConferenceManager from Release 10.0.23 to 10.0.40 Patch 4

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 (f), see Enclosure

1. References (a) and (b) establish Defense Information Systems Agency, Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification.

2. The Sonexis ConferenceManager Release 10.0 is hereinafter referred to as the System Under Test (SUT). The SUT meets all of its critical interoperability requirements and is certified as interoperable for joint use within the Defense Information Systems Network (DISN) as a conference bridge. The SUT is an audio and web conferencing bridging system that supports eight Digital Transmission Link Level 1 (T1s). The SUT supports from 12 to 192 ports for audio conferees. The SUT supports preset and Meet-Me conference types. Although the SUT supports web conferencing, this capability was not tested by JITC and is not covered under this certification. The SUT is certified with any switch on the Unified Capabilities (UC) Approved Products List (APL) that is certified interoperable within the Defense Switched Network (DSN) for a T1 Primary Rate Interface (PRI) interface. 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 could affect interoperability, but no later than three years from the date of the original UC APL memorandum (23 May 2011).

3. The extension of this certification is based upon Desktop Review (DTR) 1. The original certification, documented in Reference (e), is based on interoperability testing and Field Security Operations (FSO) Certifying Authority (CA) Recommendation. Testing was conducted at JITC's Global Information Grid Network Test Facility at Fort Huachuca, Arizona, from 7 through 8 February 2011. The FSO provided a positive CA Recommendation on 20 April 2011 based on the security testing completed by DISA-led Information Assurance (IA) test teams and published in a separate report, Reference (f). This DTR was requested to update from the certified release of 10.0.23 to 10.0.40 Patch 4. This release includes minor bug fixes and security enhancements. JITC analysis determined this update to 10.0.40 Patch 4 will have no

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impact on interoperability. Therefore, JITC approves this DTR. The IA posture has not changed. Therefore, the original IA approval applies to 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 NI 1/2 (ANSI T1.619a)	Yes ¹	Yes	Preset Conferencing (R)	Met	5.2.1.6.1
			Conference Notification Recorded Announcement (R)	Met	5.2.1.6.1.1
			Conference Precedence Level (R)	Met	5.2.2.8.7.1
			Automatic Retrial and Alternate Address (R)	Met	5.2.1.6.1.2
			Bridge Release (R)	Met	5.2.1.6.1.3
			Lost Connection to Conferee or Originator (R)	Met	5.2.1.6.1.4
			Secondary Conferencing (R)	Met	5.2.1.6.1.5
			Meet-Me Conferencing (C)	Met	5.2.1.6.2
			Address Translation (R)	Met	5.2.1.7
	Yes	See note 2.	Alarms (R)	Met	5.2.11.3.4
			Security (R)	Met	4.3.1.2

NOTES:
1. In accordance with the UCR, the SUT can meet the external bridge requirements via one of the following interfaces: IP, ISDN PRI, T1 CAS, or E1 CAS. The SUT meets the critical interoperability Functional Requirements via a T1 ISDN PRI interface with DTMF signaling. Since T1 ISDN PRI is the only interface supported by this conference bridge, it is a critical interface.
2. Security is tested by DISA-led Information Assurance test teams and published in a separate report, Reference (f).

LEGEND:
AMI Alternate Mark Inversion
B8ZS Bipolar Eight Zero Substitution
C Conditional
CAS Channel Associated Signaling
DISA Defense Information Systems Agency
E1 European Basic Multiplex Rate (2.048 Mbps)
ESF Extended Superframe
IP Internet Protocol
ISDN Integrated Services Digital Network
Mbps Megabits per second
PRI Primary Rate Interface
R Required
SF Superframe
SUT System Under Test
T1 Digital Transmission Link Level 1 (1.544 Mbps)
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). 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). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at <http://jitc.fhu.disa.mil/tssi>. Due to the 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: disa.meade.ns.list.unified-capabilities-certification-office@mail.mil. All associated data is available on the DISA UCCO website located at <http://www.disa.mil/ucco/>.

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6. The JITC point of contact is Capt Jonathan Kim, DSN 879-5182, commercial (520) 538-5182, FAX DSN 879-4347, or e-mail to jonathan.s.kim.mil@mail.mil. JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The UCCO tracking number for the SUT is 1022401.

FOR THE COMMANDER:



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Enclosure a/s

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DISA/TEMC

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NSG Interoperability Assessment Team

DOT&E, Netcentric Systems and Naval Warfare

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UCCO

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 Sonexis ConferenceManager Release 10.0," 20 May 2011
- (f) Joint Interoperability Test Command, "Information Assurance (IA) Assessment of Sonexis Technology ConferenceManager Release (Rel.) 10.0 (Tracking Number 1022401)," Draft