



DEFENSE INFORMATION SYSTEMS AGENCY

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

1 Jul 14

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Extension of the Joint Interoperability Certification of the Amcom Software Inc, MediaSTAR™, Software Release 13.4.0.44

- References: (a) Department of Defense Instruction 8100.04, "DoD Unified Capabilities (UC)," 9 December 2010
(b) DoD CIO, Memorandum, "Interim Guidance for Interoperability of Information Technology (IT) and National Security Systems (NSS)," 27 March 2012
(c) through (g), see Enclosure

1. Certification Authority. References (a) and (b) establish the Joint Interoperability Test Command (JITC) as the Joint Interoperability Certification Authority for the UC products.

2. Conditions of Certification. The Amcom Software Inc, MediaSTAR™, Software Release 13.4.0.44; hereinafter referred to as the System Under Test (SUT), is certified for joint use as a Customer Premise Equipment (CPE). The SUT meets the critical requirements of the Unified Capabilities Requirements (UCR), Reference (c), and is certified for joint use as CPE without any conditions (see Table 1). The SUT was tested and certified for use with the Avaya Communication Server (CS) 1000M Defense Switched Network (DSN) Release 5.0. JITC analysis determined the SUT is also certified for use with any CS1000E or related switch currently or previously on the UC Approved Products List (APL). The SUT was also tested and certified with the Avaya S8720 CM 4 with Application Enabled (AE) Services Release 6.2. JITC analysis determined any Avaya switches certified with software version CM4 or CM6 are functionally identical to the S8720 CM4 relative to the SUT. Therefore, the SUT is certified for use with any Avaya CM 4 and CM 6 switches that have been or are on the UC APL and are configured with the Avaya AE Services Release 6.2. The certification also includes proprietary digital interfaces utilized by these certified systems. This certification expires upon changes that affect interoperability, but no later 12 November 2016, which is three years from the date of the original UC APL memorandum, Reference (d). This Desktop Review (DTR) was requested to update the SUT from Release 13.4.0.44 to 13.4.0.58. See paragraph 4 test details.

Table 1. Conditions

Table with 4 columns: Condition, Status, Operational Impact, Remarks. Row 1: Not applicable; MediaSTAR™, Software Release 13.4.0.58 meets all of the Unified Capabilities Requirements (UCR), Reference (c) joint critical interoperability requirements.

3. **Interoperability Status.** Table 2 provides the SUT interface interoperability status and Table 3 provides the Capability Requirements (CR) and Functional Requirements (FR) status. Table 4 provides a UC APL product summary.

Table 2. SUT Interface Status

Interface	Threshold CR/FR Requirements (See note 1.)	Status	Remarks						
Interfaces (See note 2.)									
2-Wire Analog Loop Start Line	1	Met	The SUT met the critical CRs and FRs for the interface. (See note 2.)						
Avaya CS1000M 2-Wire Proprietary Digital Line	1 (See note 3.)	Met	The SUT met the critical CRs and FRs for the interface. (See note 2.)						
Avaya S8720 Communications Manager 2-Wire Proprietary Digital Line	1 (See note 4.)	Met	The SUT met the critical CRs and FRs for the interface. (See note 2.)						
IP (See note 5.)	2, 3	Met	The SUT met the critical CRs and FRs for this interface.						
<p>NOTES:</p> <p>1. The UCR does not identify interface CR/FR applicability.</p> <p>2. The SUT interface to this interface is bridged only and not directly connected.</p> <p>3. The UCR does not include requirements for proprietary interfaces. The SUT interface to the M3905 digital phone was tested using the Avaya CS1000M 2-wire proprietary digital interface as depicted in Figure 2-2.</p> <p>4. The UCR does not include requirements for proprietary interfaces. The SUT interface to the Avaya 2420 digital phone was tested using the Avaya S8720 Communications Manager 2-wire proprietary digital interface as depicted in Figure 2-2.</p> <p>5. The SUT provided an IP intra-enclave interface between the MediaSTAR Engine and MediaSTAR Inspector</p> <p>LEGEND:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">CPE Customer Premise Equipment</td> <td style="width: 50%;">FR Functional Requirement</td> </tr> <tr> <td>CR Capability Requirement</td> <td>IP Internet Protocol</td> </tr> <tr> <td>CS Communication Server</td> <td>SUT System Under Test</td> </tr> </table>				CPE Customer Premise Equipment	FR Functional Requirement	CR Capability Requirement	IP Internet Protocol	CS Communication Server	SUT System Under Test
CPE Customer Premise Equipment	FR Functional Requirement								
CR Capability Requirement	IP Internet Protocol								
CS Communication Server	SUT System Under Test								

Table 3. SUT Capability Requirements and Functional Requirements Status

CR/FR ID	UCR Requirement (High-Level) (See note 1.)	UCR 2013 Reference	Status								
1	Customer Premise Equipment Requirements (R)	3.7.2	Met								
2	Differentiated Services Code Point Tagging Requirements (R)	Table 7.2-3	Met (See note 2.)								
3	Internet Protocol version 6 Requirements (C)	Table 5.2-1	Met (See note 2.)								
<p>NOTES:</p> <p>1. The annotation of 'required' refers to a high-level requirement category. The applicability of each sub-requirement is provided in Reference (e), Enclosure 3.</p> <p>2. The IP connectivity of the SUT only exists between the client and the server intra enclave.</p> <p>LEGEND:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">C Conditional</td> <td style="width: 50%;">R Required</td> </tr> <tr> <td>CR Capability Requirement</td> <td>SUT System Under Test</td> </tr> <tr> <td>FR Functional Requirement</td> <td>UCR Unified Capabilities Requirements</td> </tr> <tr> <td>ID Identification</td> <td></td> </tr> </table>				C Conditional	R Required	CR Capability Requirement	SUT System Under Test	FR Functional Requirement	UCR Unified Capabilities Requirements	ID Identification	
C Conditional	R Required										
CR Capability Requirement	SUT System Under Test										
FR Functional Requirement	UCR Unified Capabilities Requirements										
ID Identification											

Table 4. UC APL Product Summary

Product Identification			
Product Name	Amcom Software MediaSTAR™		
Software Release	Software Release 13.4.0.58 (See note 1.)		
UC Product Type(s)	Customer Premise Equipment (CPE)		
Product Description	Passive call logging and recording solution		
Product Components (See note 2.)	Component Name	Version	Remarks
MediaSTAR Inspector	Dell Optiplex XE	Windows 7 Professional SP1 with MediaSTARInspector version 13.4.0.38 (See note 3.)	
MediaSTAR Engine	Dell Power Edge R720	Windows 2008 Server R2 SP2 MediaSTAREngine version 13.4.0.58 (See note 4.)	
NOTES:			
1. The SUT was updated from Version 13.4.0.44 to version 13.4.0.58 with DTR 1.			
2. The detailed component and subcomponent list is provided in Reference (d), Enclosure 3.			
3. The MediaSTARInspector was updated from version 13.4.0.22 to version 13.4.0.38 with DTR 1.			
4. The MediaSTAREngine was updated from version 13.4.0.44 to version 13.4.0.58 with DTR 1.			
LEGEND:			
APL	Approved Products List	UC	Unified Capabilities
DTR	Desktop Review		

4. **Test Details.** The extension of this certification is based upon DTR 1. The original certification, documented in Reference (e), is based on interoperability testing, review of the vendor’s Letters of Compliance (LoC), and DISA Certifying Authority (CA) Recommendation for inclusion on the UC APL. Testing was conducted at JITC’s Global Information Grid Network Test Facility at Fort Huachuca, Arizona, from 22 through 26 July 2013 using test procedures derived from Reference (e). Review of the vendor’s LoC was completed on 30 August 2013. The DISA CA provided a positive Recommendation on 30 October 2013 based on the security testing completed by DISA-led IA test teams and the results published in a separate report, Reference (f). This DTR was requested to update the SUT from Release 13.4.0.44 to 13.4.0.58. This release includes fixes for IA Plan of Action and Milestones (POA&Ms). JITC reviewed the vendor’s documentation and determined this release will have no impact on the certified interoperability features and functions. JITC determined this release required IA Verification and Validation (V&V) testing to verify the POA&M fixes. The IA V&V testing was successfully completed on 13 June 2014 and the results published in a separate report, Reference (g). Therefore, JITC approves this DTR.

5. **Additional Information.** JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Sensitive but Unclassified IP Data (formerly known as NIPRNet) e-mail. Interoperability status information is available via the JITC System Tracking Program (STP). STP is accessible by .mil/.gov users 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 <https://jit.fhu.disa.mil/>. 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 from the Unified Capabilities Certification Office (UCCO), e-mail: disa.meade.ns.list.unified-capabilities-certification-office@mail.mil. All associated information is available on the DISA UCCO website located at <http://www.disa.mil/Services/Network-Services/UCCO>.

6. **Point of Contact (POC).** The JITC point of contact is Ms. Sibylle Gonzales, commercial telephone (520) 538-5483, DSN telephone 879-5483, FAX DSN 879-4347; e-mail address sibylle.j.gonzales.civ@mail.mil; mailing address Joint Interoperability Test Command, ATTN: JTE (Ms. Sibylle Gonzales) P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The tracking number for the SUT is 1233802.

FOR THE COMMANDER:



Enclosure a/s

for RIC HARRISON
Chief
Networks/Communications and UC Portfolio

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ADDITIONAL REFERENCES

- (c) Office of the Department of Defense Chief Information Officer, "Department of Defense Unified Capabilities Requirements 2013," 1 March 2013
- (d) Department of Defense (DoD) Unified Capabilities (UC) Approved Products List (APL) approval of the "Amcom Software Inc., MediaSTAR Software Release (Rel.) 13.4.0.44, Tracking Number (TN) 1233802, as a Customer Premise Equipment (CPE)", 12 November 2014
- (e) Joint Interoperability Test Command, Memo, JTE, "Joint Interoperability Certification of the Amcom Software Inc, MediaSTAR™, Software Release 13.4.0.44," 8 November 2013
- (f) Joint Interoperability Test Command, "MediaSTAR CPE Test Procedures," Draft
- (g) Joint Interoperability Test Command, "Information Assurance (IA) Findings Summary For Amcom Software, Inc. MediaSTAR Software Release 13.4.0 (Tracking Number 1233802)," Draft