



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., Internet Protocol (IP) Phone Tracking Gateway Release 3.4.12

- 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 (h), 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., IP Phone Tracking Gateway Release 3.4.12; hereinafter referred to as the System Under Test (SUT), is certified as a CPE. The SUT meets the critical requirements of the Unified Capabilities Requirements (UCR), Reference (c), and is certified for joint use as Customer Premise Equipment (CPE) without any conditions (see Table 1). The SUT was tested and is certified with the Amcom Software Inc., Personal Computer/Public Safety Answering Point (PC/PSAP™) Release 11.11.0.21. JITC analysis determined that the SUT is certified with any Amcom Software Inc. PC/PSAP™ that has been or is on the Unified Capabilities (UC) Approved Products List (APL). The SUT was tested with an Assured Services Local Area Network (ASLAN) access layer switch and is certified with any ASLAN access switch that has been or is on the UC APL. This certification expires upon changes that affect interoperability, but no later 16 December 2014, which is one year from the date of the original UC APL memorandum, Reference (d). Desktop Review (DTR) 1 was requested to update the SUT from Release 3.4.12 to 3.4.20. See paragraph 4 for details.

Table 1. Conditions

Table with 4 columns: Condition, Status, Operational Impact, Remarks. Row 1: Not applicable; the Amcom Software Inc., IP Phone Tracking Gateway Release 3.4.20. 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. IP Phone Tracking Gateway Interface Status**

Interface	Threshold CR/FR Requirements (See note.)	Status	Remarks								
<b>Interfaces</b>											
IEEE 802.3u (10/100 BaseT)	1, 2, 3	Met	The SUT met the critical CRs and FRs for this interface.								
<p><b>NOTE:</b> The UCR does not identify interface CR/FR applicability. The SUT high-level CR and FR ID numbers depicted in the Threshold CRs/FRs column are cross-referenced with Table 3.</p> <p><b>LEGEND:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">CR      Capability Requirements</td> <td style="width: 50%;">ID      Identification</td> </tr> <tr> <td>FR      Functional Requirements</td> <td>IP      Internet Protocol</td> </tr> <tr> <td>IEEE    Institute of Electrical and Electronics Engineers</td> <td>SUT    System Under Test</td> </tr> <tr> <td></td> <td>UCR    Unified Capabilities Requirements</td> </tr> </table>				CR      Capability Requirements	ID      Identification	FR      Functional Requirements	IP      Internet Protocol	IEEE    Institute of Electrical and Electronics Engineers	SUT    System Under Test		UCR    Unified Capabilities Requirements
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FR      Functional Requirements	IP      Internet Protocol										
IEEE    Institute of Electrical and Electronics Engineers	SUT    System Under Test										
	UCR    Unified Capabilities Requirements										

**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								
3	Internet Protocol version 6 Requirements (R)	Table 5.2-1	Met (See note 2.)								
<p><b>NOTES:</b></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 IPv6 requirements were met with the vendor's LoC. The IPv6 requirements were not validated through testing due to limitations of the test network.</p> <p><b>LEGEND:</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">CR      Capability Requirement</td> <td style="width: 50%;">LoC    Letter of Compliance</td> </tr> <tr> <td>FR      Functional Requirement</td> <td>SUT    System Under Test</td> </tr> <tr> <td>ID      Identification</td> <td>UCR    Unified Capabilities Requirements</td> </tr> <tr> <td>IPv6    Internet Protocol version 6</td> <td></td> </tr> </table>				CR      Capability Requirement	LoC    Letter of Compliance	FR      Functional Requirement	SUT    System Under Test	ID      Identification	UCR    Unified Capabilities Requirements	IPv6    Internet Protocol version 6	
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IPv6    Internet Protocol version 6											

**Table 4. UC APL Product Summary**

Product Identification			
Product Name	Amcom Inc., IP Phone Tracking Gateway		
Software Release	Software Release 3.4.20 (See note 1.)		
UC Product Type(s)	Customer Premise Equipment (CPE)		
Product Description	IP Phone Tracking Gateway		
Product Components (See note 2.)	Component Name	Version	Remarks
IP Phone Tracking Gateway Server	Dell Power Edge R320	Windows 2008 Server R2 SP1 Network Tracking (XnEtrack) Version 3.4.20.0 Avaya Inventory Version 1.3.0.8 (See note 3.) NetworkTrapService version 1.0.3.0 SwitchTracking version 1.5.2.0 AvayaPush version 1.3 EADM Version 11.11 Build 24 (See note 4.)	
<b>NOTES:</b>			
1. The SUT was updated from Release 3.4.12 to Release 3.4.20 with DTR 1.			
2. The detailed component and subcomponent list is provided in Reference (e), Enclosure 3.			
3. The Avaya Inventory was updated from Version 1.3.0.7 to Version 1.3.0.8 with DTR 1.			
4. The EADM was updated to Version 11.11 Build 24 with DTR 1.			
<b>LEGEND:</b>			
APL	Approved Products List	R2	Release 2
DTR	Desktop Review	SP	Service Pack
EADM	Enterprise Alert Database Management	UC	Unified Capabilities
IP	Internet Protocol		

**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. The DISA CA provided a positive recommendation on 16 December, for a period not to exceed 1 year, Reference (d), based on the security testing completed by the Defense Information Systems Agency (DISA)-led IA test teams and the results are published in a separate report, Reference (g). 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 (f). Review of the vendor’s LoC was completed on 9 September 2013. The DISA CA provided a positive recommendation on 16 December 2013 for a period of one year based on the security testing completed by DISA-led IA test teams and the results published in a separate report, Reference (g). This DTR was requested to update the SUT from Release 3.4.12 to 3.4.20. 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 (h). 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

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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](mailto: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](mailto: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 1300906.

FOR THE COMMANDER:



Enclosure a/s

for RIC HARRISON  
Chief  
Networks/Communications and UC Portfolio

JITC Memo, JTE, Extension of the Joint Interoperability Certification of the Amcom Software Inc., Internet Protocol (IP) Phone Tracking Gateway Release 3.4.12

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UCCO

## 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. Internet Protocol (IP) Phone Tracking Gateway Release (Rel.) 3.4.12 Tracking Number (TN) 1300906 as a Customer Premise Equipment (CPE)
- (e) Joint Interoperability Test Command, Memo, JTE, "Joint Interoperability Certification of the Amcom Software Inc., Internet Protocol (IP) Phone Tracking Gateway Release 3.4.12," 5 November 2013
- (f) Joint Interoperability Test Command, "IP Phone Tracker CPE Test Procedures," Draft
- (g) Joint Interoperability Test Command, "Information Assurance (IA) Assessment Report for Amcom Software, Inc. Voice over Internet Protocol (VoIP) Phone Tracking Gateway Release (Rel.) 3.4.12 (Tracking Number 1300906)," 15 October 2013
- (h) Joint Interoperability Test Command, "Information Assurance (IA) Assessment Report for Amcom Software, Inc. Voice over Internet Protocol (VoIP) Phone Tracking Gateway Release (Rel.) 3.4.12 (Tracking Number 1300906), DTR1" 1 July 2014