



DEFENSE INFORMATION SYSTEMS AGENCY

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

31 Mar 10

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Special Interoperability Test Certification of the T-Metrics TM-2000 Multi-Purpose Automatic Call Distributor (ACD) Release Version (v) 5.0

- References: (a) DoD Directive 4630.5, "Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)," 5 May 2004
(b) CJCSI 6212.01D, "Interoperability and Supportability of Information Technology and National Security Systems," 8 March 2006
(c) through (e), see Enclosure 1

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

2. The T-Metrics TM-2000 Multi-Purpose ACD with Release v5.0 is hereinafter referred to as the System Under Test (SUT). The SUT met the interface and functional requirements and is certified for joint use within the Defense Switched Network (DSN). The SUT is certified specifically with switching systems listed in Table 1 that are listed on the Unified Capabilities (UC) Approved Product List (APL) with their associated interfaces. The SUT met the interface and functional requirements for an ACD system as set forth in Reference (c). No other configurations, features, or functions, except those cited within this report, are certified by the JITC. This certification expires upon changes that affect interoperability, but no later than three years from the date of this memorandum.

Table 1. SUT Certified Switching Systems

Table with 3 columns: Switch Name (See note.), Interface, and Remarks. It lists various Nortel switch models and their certification details.

Table 1. SUT Certified Switching Systems (continued)

Switch Name (See note.)	Interface	Remarks																				
Nortel Succession DSN 1000M Cabinet, DSN 1000M Chassis, DSN 1000M	Digital Proprietary	The SUT interfaces to this switch via proprietary M2616 MBS lines.																				
Nortel Succession DSN Options 11C, 61C, and 81C	Digital Proprietary	The SUT interfaces to this switch via proprietary M2616 MBS lines.																				
Nortel M1 Options 11C, 61C, and 81C	Digital Proprietary	The SUT interfaces to this switch via proprietary M2616 MBS lines.																				
<u>Cisco CallManager</u>	100BaseT	The CCM is not certified for standalone use with the SUT. The CCM must connect to one of the Nortel switches in this table through a T1 PRI interface and to the SUT through a 100BaseT interface to the RASM.																				
<p>NOTE: Those switching systems bolded and underlined were tested specifically with the SUT by JITC. The other switching systems were not tested with the SUT; however, these systems were previously tested and certified by JITC with the same serial interfaces and JITC analysis determined them to be functionally identical for interoperability certification purposes and they are also certified with the SUT.</p> <p>LEGEND:</p> <table border="0"> <tr> <td>802.3</td> <td>Standard for carrier sense multiple access with collision detection at 10 Mbps</td> <td>Mbps</td> <td>Megabits per second</td> </tr> <tr> <td>CS</td> <td>Communications Server</td> <td>MBS</td> <td>Meridian Business Set</td> </tr> <tr> <td>DSN</td> <td>Defense Switched Network</td> <td>MSL</td> <td>Meridian Switching Load</td> </tr> <tr> <td>JITC</td> <td>Joint Interoperability Test Command</td> <td>RASM</td> <td>Remote Agent Status Module</td> </tr> <tr> <td>M1</td> <td>Meridian 1</td> <td>SUT</td> <td>System Under Test</td> </tr> </table>			802.3	Standard for carrier sense multiple access with collision detection at 10 Mbps	Mbps	Megabits per second	CS	Communications Server	MBS	Meridian Business Set	DSN	Defense Switched Network	MSL	Meridian Switching Load	JITC	Joint Interoperability Test Command	RASM	Remote Agent Status Module	M1	Meridian 1	SUT	System Under Test
802.3	Standard for carrier sense multiple access with collision detection at 10 Mbps	Mbps	Megabits per second																			
CS	Communications Server	MBS	Meridian Business Set																			
DSN	Defense Switched Network	MSL	Meridian Switching Load																			
JITC	Joint Interoperability Test Command	RASM	Remote Agent Status Module																			
M1	Meridian 1	SUT	System Under Test																			

3. This certification is based on interoperability testing conducted by JITC, review of the vendor's Letters of Compliance (LoC), and Defense Information Assurance (IA)/Security Accreditation Working Group (DSAWG) accreditation. Interoperability testing was conducted by the JITC at the Global Information Grid Network Test Facility, Fort Huachuca, Arizona, from 7 through 11 April 2008. Review of the vendor's LoC was completed on 5 May 2008. The SUT supports the same software, interfaces, and functionality as when it was previously tested. The only difference is that the SUT now supports either Microsoft XP or Microsoft Windows Vista operating system platform. A review of the SUT and comparison with the new requirements in References (c) and (e) was conducted on 15 December 2009 to determine the SUT was certified for interoperability within the DSN without additional interoperability testing. DSAWG granted accreditation on 31 March 2010 based on the security testing completed by DISA-led IA test teams and published in a separate report, Reference (f). The Certification Testing Summary (Enclosure 2) documents the test results and describes the test configuration.

4. The functional requirements used to evaluate the interoperability of the SUT and the interoperability statuses are indicated in Table 2.

Table 2. SUT Functional Requirements and Interoperability Status

Interface	Critical	Certified	Functional Requirements	Met	UCR Paragraph
CS2100 2-Wire Proprietary Interface: M5216 MBS line	No ¹	Yes	Precedence Call Diversion (R)	Met	5.2.2.3
			FCC Part 15/Part 68 and ACTA (R)	Met	5.2.12.3.5
			Auto Answer mode settable to more than the equivalency of 4 ROUTINE rings (C)	Met	5.2.12.3.5
			MLPP precedence call alerting (C)	Met	5.2.12.3.5
			DTMF Outpulsing in accordance with GR-506-CORE (C)	Met	5.2.12.3.5, 5.2.4.4.2
Conformance to TIA/EIA-470-B (C)	Met	5.2.12.3.5			

Table 2. SUT Functional Requirements and Interoperability Status (continued)

Interface	Critical	Certified	Functional Requirements	Met	UCR Paragraph
CS1000M 2-Wire Proprietary Interface: M2616 MBS line	No ¹	Yes	Precedence Call Diversion (R)	Met	5.2.2.3
			FCC Part 15/Part 68 and ACTA (R)	Met	5.2.12.3.5
			Auto Answer mode settable to more than the equivalency of 4 ROUTINE rings (C)	Met	5.2.12.3.5
			MLPP precedence call alerting (C)	Met	5.2.12.3.5
			DTMF Outpulsing in accordance with GR-506- CORE (C)	Met	5.2.12.3.5, 5.2.4.4.2
Cisco 100BaseT (See note 2.)	No ¹	Yes	Precedence Call Diversion (R)	Met	5.2.2.3
			Auto Answer mode settable to more than the equivalency of 4 ROUTINE rings (C)	Met	5.2.12.3.5
			MLPP precedence call alerting (C)	Met	5.2.12.3.5
	Yes	Yes	Security (R)	See note 3.	3.2.3, 3.2.5, and 5.4.6.1

NOTES:

- The ACD requirements can be met via one of the following interfaces: 2-Wire Analog, 2-Wire Digital, 4-Wire Digital, PCM-24, PCM-30, or IP.
- This interface is not required to support IPv6 in accordance with Reference (e).
- Security is tested by DISA-led Information Assurance test teams and published in a separate report, Reference (f).

LEGEND:

100BaseT	100 Mbps (Baseband Operation, Twisted Pair) Ethernet	IPv6	Internet Protocol version 6
ACTA	Administrative Council for Terminal Attachments	LSSGR	Local Access and Transport Area (LATA) Switching Systems Generic Requirements
ACD	Automated Call Distributor	Mbps	Megabits per second
C	Conditional	MBS	Meridian Business Set
CS	Communication Server	MLPP	Multi-Level Precedence and Preemption
DISA	Defense Information Systems Agency	PCM-24	Pulse Code Modulation - 24 Channels
DTMF	Dual Tone Multi-Frequency	PCM-30	Pulse Code Modulation - 30 Channels
EIA	Electronic Industries Alliance	R	Required
FCC	Federal Communications Commission	SUT	System Under Test
GR	Generic Requirement	TIA	Telecommunications Industry Association
GR-506-CORE	LSSGR: Signaling for Analog Interfaces	TIA/EIA-470-B	Performance and Compatibility Requirements for Telephone Sets with Loop Signaling
IP	Internet Protocol	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://199.208.204.125> (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 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.

JITC Memo, JTE, Special Interoperability Test Certification of the T-Metrics TM-2000 Multi-Purpose Automated Call Distributor (ACD) with Release v5.0

6. The JITC point of contact is Mr. Joseph Roby, DSN 879-0507, commercial (520) 538-0507, FAX DSN 879-4347, or e-mail to joseph.robby@disa.mil. The JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The tracking number for the SUT is 0923904.

FOR THE COMMANDER:



for RICHARD A. MEADOR
Chief
Battlespace Communications Portfolio

2 Enclosures a/s

Distribution (electronic mail):

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U.S. Marine Corps MARCORSYSCOM, 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, TEMC

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) Office of the Secretary of Defense, "Interim Unified Capabilities (UC) IPv6 Rules of Engagement (ROE)," 31 July 2009
- (f) Joint Interoperability Test Command, "Information Assurance (IA) Assessment of T-Metrics TM-2000 Multi-Purpose Automated Call Distributor (ACD) Release Version (v) 5.0 (Tracking Number 0923904)," 31 March 2010

CERTIFICATION TESTING SUMMARY

1. SYSTEM TITLE. T-Metrics TM-2000 Multi-Purpose Automated Call Distributor (ACD) with Release Version (v) 5.0; hereinafter referred to as the System Under Test (SUT).

2. PROPONENT. United States Air Force, Headquarters, Air Education and Training Command (HQ AETC).

3. PROGRAM MANAGER. Ricky Rider, A6OI, 61 Main Circle, Suite 2, Randolph Air Force Base, Texas, 78150 e-mail: ricky.rider@randolph.af.mil.

4. TESTER. Joint Interoperability Test Command (JITC), Fort Huachuca, Arizona.

5. SYSTEM UNDER TEST DESCRIPTION. The SUT is an Interactive Voice Response (IVR) system, also known as an automatic call distributor (ACD). The system can be set up to answer incoming calls, query the caller, and wait for Dual Tone Multi-Frequency (DTMF) responses to those queries. The automated call feature routes the needs of the user according to their responses. The telephone switches provide the voice connections between the caller and the T-Metrics Multi-Port Gateway (MPG) or the various phone agents. The SUT processes incoming telephone calls on a first-come first-serve basis. The system typically answers each call immediately and, if necessary, holds it in queue until it can be directed to the next available ACD call center agent. When an agent becomes available, the agent serves the first caller in the queue. The SUT is certified and can be deployed in any of the following switch combinations:

- Nortel Meridian Switching Load (MSL)-100 only
- Nortel Communication Server (CS)2100 only
- Nortel CS1000M only
- Nortel Meridian 1 (M1) Options 11C, 61C, and 81C only
- Nortel MSL-100 with Cisco CallManager (CCM)
- Nortel CS2100 with Cisco CCM
- Nortel CS2100/MSL-100 with Nortel CS1000M or Nortel M1 Options 11C, 61C, 81C
- Nortel CS2100/MSL-100 with Nortel CS1000M or Nortel M1 Options 11C, 61C, 81C, and Cisco CCM

The SUT is composed of the following components:

The TM-2000 ACD is a Windows 2003 server, and acts as the central control of the system to immediately connect each caller to the most appropriate resource, or provide an interactive queue for callers when those resources are busy. The ACD software loaded on the server determines all call handling decisions made based upon the call status and the inputs from the Remote Agent Status Module (RASM) and the agent modules. The ACD controller module is the main access point for making system changes to the following properties:

- Skill Sets
- Agent Skill Set Assignments
- Agent Preference Level Assignments
- Holiday Schedule by Skill Set
- Weekday Schedule by Skill Set
- System Recordings
- Event Mappings
- Trunk Mappings to Events or Skill Sets
- Supervisor Assignments
- Activities Item Mappings to a Skill Set
- Position Status Definitions and Options
- Call Reasoning and DNIS Definition and Routing

The Event Server software collects the call data from the Agent Personal Computer (PC) and routes the data to the correct server based on the header information. The software Internet Information Server (IIS) installed on the server is used to configure the way the Agent PCs handle calls and to what phone switch they are connected.

The RASM is a Windows 2003 server that can perform several different functions based on the deployment of the system. The first case is when the telephone network directs the original call to the MPG. The MPG will then transfer the call to an agent on the same switch or to an ancillary switch. The ancillary switch could be a Nortel CS1000M, Meridian 1 Option 11C, 61C, 81C or a Cisco Call Manager. Once the call is transferred, the TM-2000 Multi-Purpose ACD Platform monitors the state of a “bridged appearance” of the agent’s telephone line so that the TM-2000 will know when the call is answered and when it is terminated.

The Agent PC management workstations are government furnished equipment Windows XP personal computers. The primary purpose of the agent module software is to allow the agent to tell the TM-2000 Server that the agent has agreed to accept telephone calls from the TM-2000. In doing so, the agent establishes a Transmission Control Protocol (TCP) connection via Internet Protocol Security to communicate with the TM-2000.

6. OPERATIONAL ARCHITECTURE. The Generic Switching Center Requirements (GSCR) Defense Switched Network (DSN) architecture in Figure 2-1 depicts the relationship of the SUT to the DSN switches.

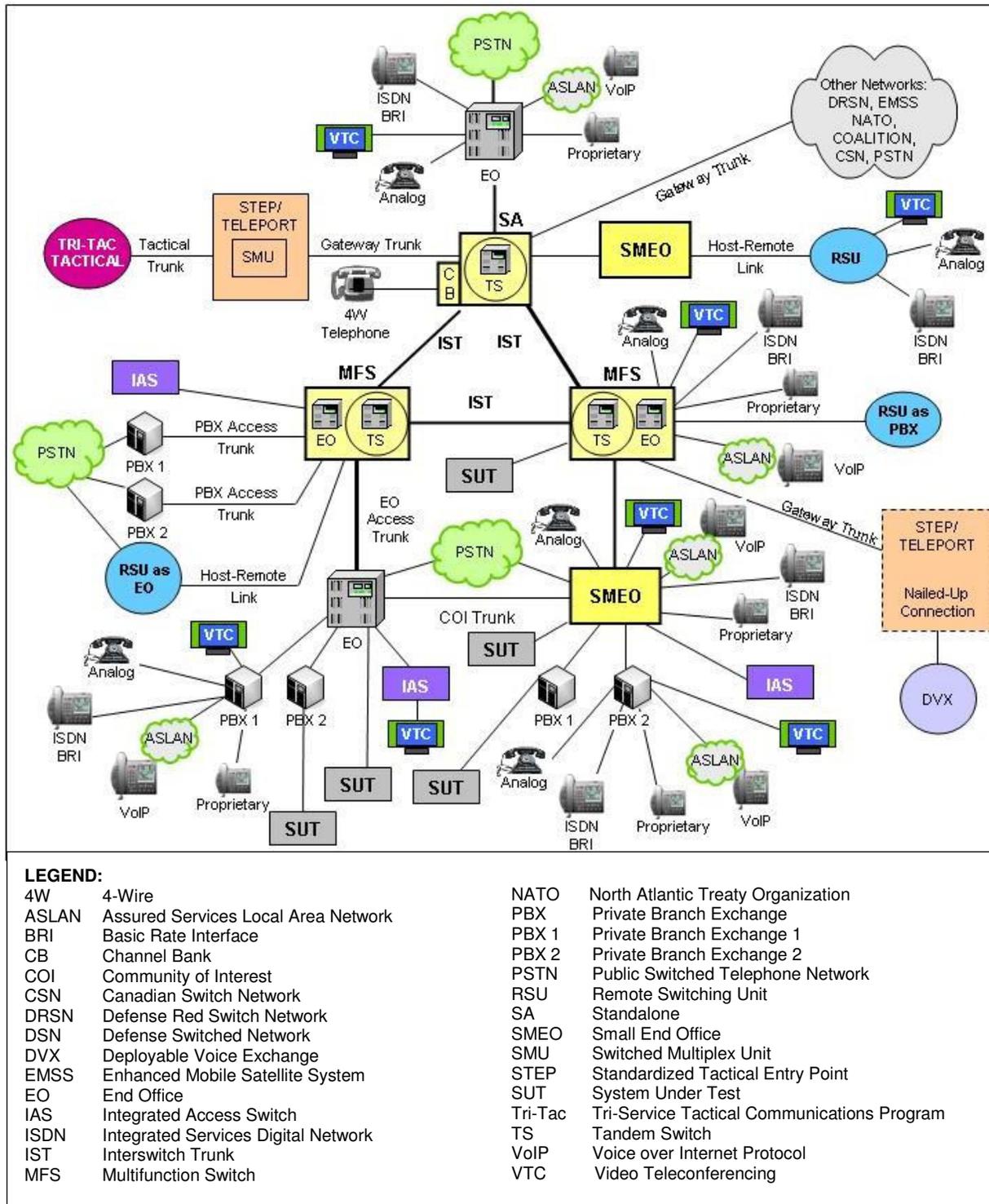


Figure 2-1. DSN Architecture

7. REQUIRED SYSTEM INTERFACES. Requirements specific to the SUT and interoperability results are listed in Table 2-1. These requirements are derived from the

GSCR Interface and Functional Requirements (FRs) and verified through JITC testing and review of vendor's Letters of Compliance (LoC).

Table 2-1. SUT Functional Requirements and Interoperability Status

Interface	Critical	Certified	Functional Requirements	Met	UCR Paragraph
CS2100 2-Wire Proprietary Interface: M5216 MBS line	No ¹	Yes	Precedence Call Diversion (R)	Met	5.2.2.3
			FCC Part 15/Part 68 and ACTA (R)	Met	5.2.12.3.5
			Auto Answer mode settable to more than the equivalency of 4 ROUTINE rings (C)	Met	5.2.12.3.5
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CS1000M 2-Wire Proprietary Interface: M2616 MBS line	No ¹	Yes	Precedence Call Diversion (R)	Met	5.2.2.3
			FCC Part 15/Part 68 and ACTA (R)	Met	5.2.12.3.5
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			MLPP precedence call alerting (C)	Met	5.2.12.3.5
			DTMF Outpulsing in accordance with GR-506-CORE (C)	Met	5.2.12.3.5, 5.2.4.4.2
Cisco 100BaseT (See note 2.)	No ¹	Yes	Precedence Call Diversion (R)	Met	5.2.2.3
			Auto Answer mode settable to more than the equivalency of 4 ROUTINE rings (C)	Met	5.2.12.3.5
			MLPP precedence call alerting (C)	Met	5.2.12.3.5
	Yes	Yes	Security (R)	See note 3.	3.2.3, 3.2.5, and 5.4.6.1

NOTES:

- The ACD requirements can be met via one of the following interfaces: 2-Wire Analog, 2-Wire Digital, 4-Wire Digital, PCM-24, PCM-30, or IP.
- This interface is not required to support IPv6 in accordance with Reference (e).
- Security is tested by DISA-led Information Assurance test teams and published in a separate report, Reference (f).

LEGEND:

100BaseT	100 Mbps (Baseband Operation, Twisted Pair) Ethernet	IPv6	Internet Protocol version 6
ACTA	Administrative Council for Terminal Attachments	LSSGR	Local Access and Transport Area (LATA) Switching Systems Generic Requirements
ACD	Automated Call Distributor	Mbps	Megabits per second
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GR	Generic Requirement	TIA	Telecommunications Industry Association
GR-506-CORE	LSSGR: Signaling for Analog Interfaces	TIA/EIA-470-B	Performance and Compatibility Requirements for Telephone Sets with Loop Signaling
IP	Internet Protocol	UCR	Unified Capabilities Requirements

8. TEST NETWORK DESCRIPTION. The SUT was tested at JITC's Global Information Grid Network Test Facility in a manner and configuration similar to that of the DSN operational environment. Testing the system's required functions and features was conducted using the test configurations depicted in Figures 2-2 and 2-3.

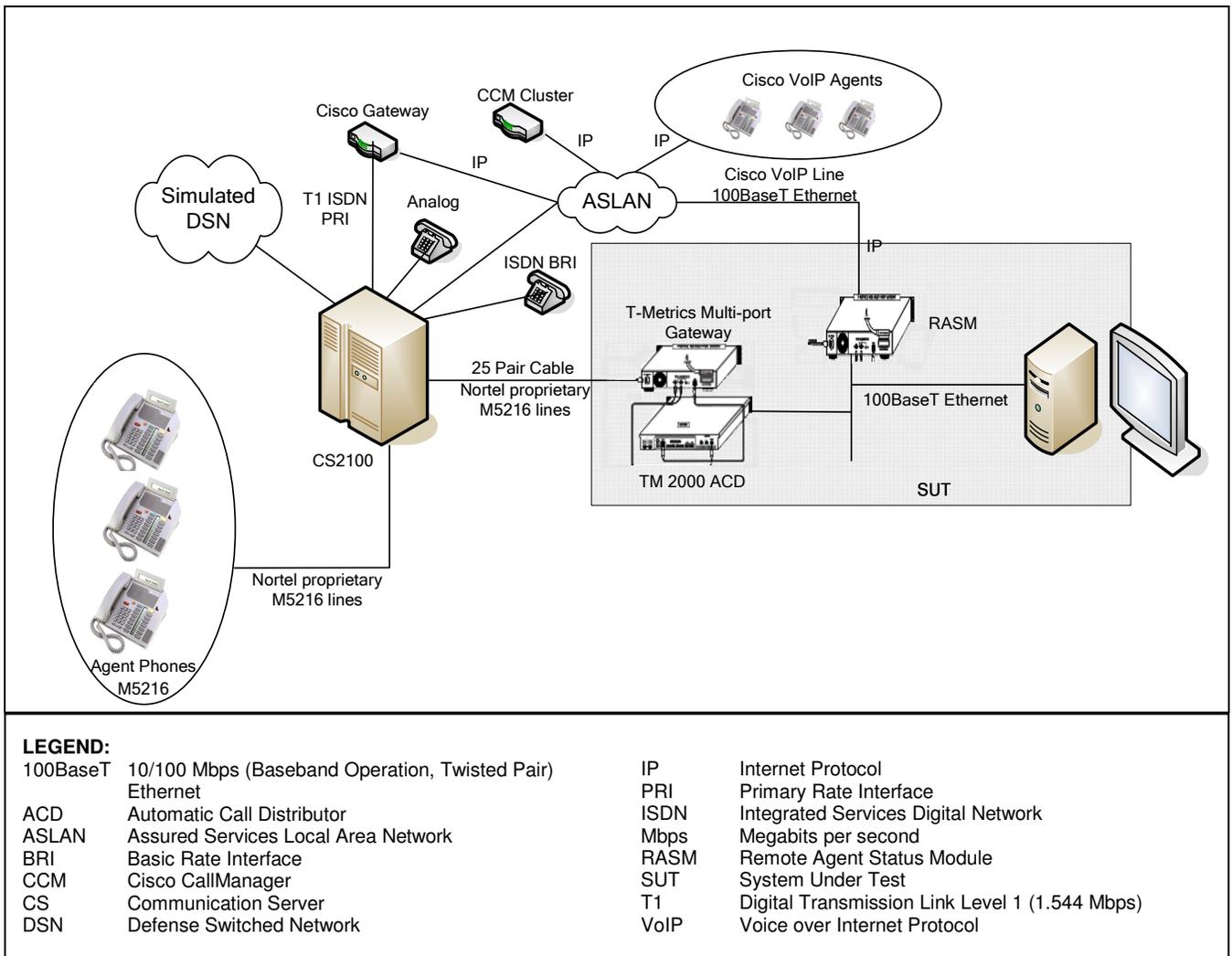


Figure 2-2. Nortel CS2100 with Cisco CallManager Test Configuration

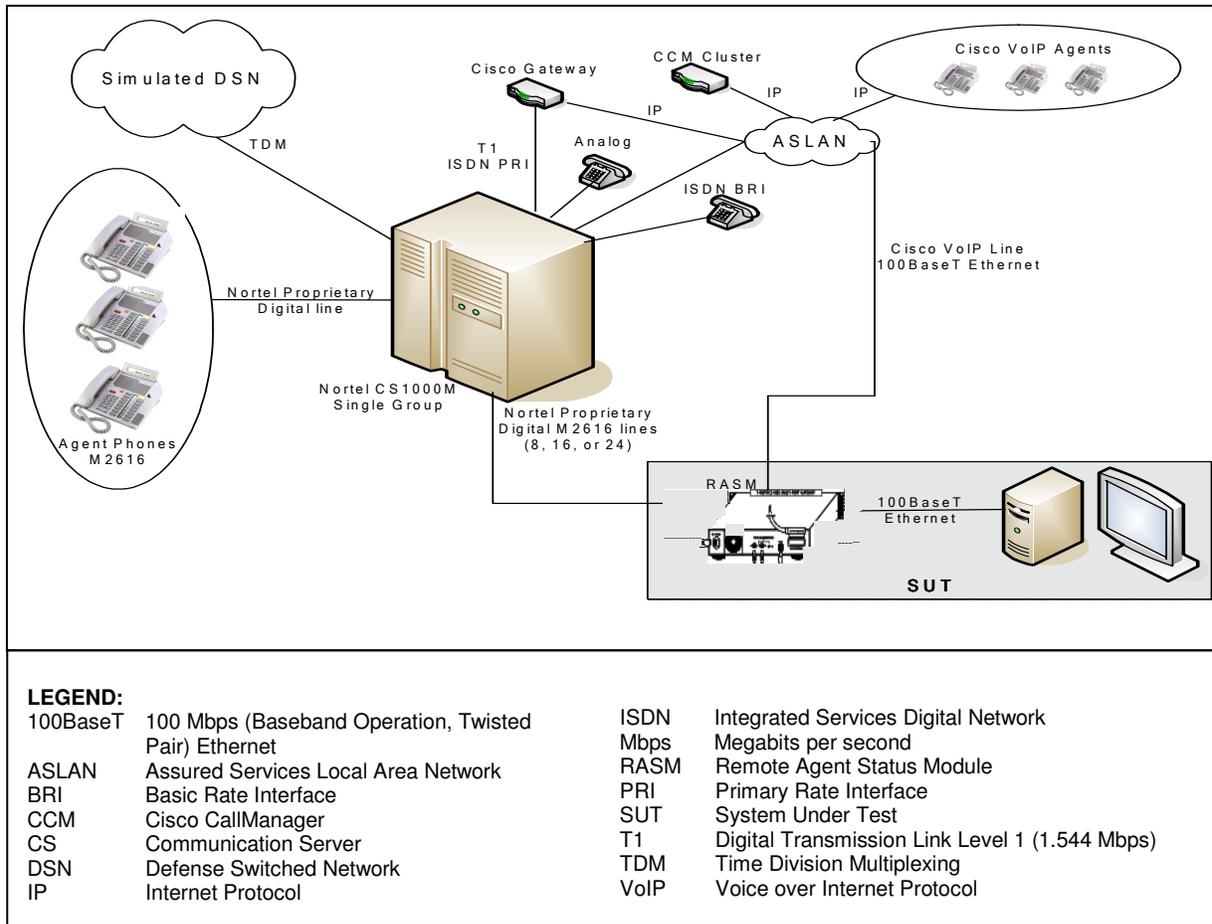


Figure 2-3. Nortel CS1000M with Cisco Call Manager Test Configuration

9. TESTED SYSTEM CONFIGURATION. Table 2-2 provides the system configurations, hardware, and software components tested with the SUT. The SUT was tested in an operationally realistic environment to determine interoperability with a complement of DSN switches noted in Table 2-2. Table 2-2 lists the DSN switches which depict the tested configuration and is not intended to identify the only switches that are certified with the SUT. The SUT is certified specifically with Nortel MSL-100, CS2100, and Meridian 1 switching systems listed on the Unified Capabilities (UC) Approved Products List (APL) that offer the same certified interfaces. The SUT is also certified with any Cisco CallManager on the UC APL when connected to a specified Nortel switch.

Table 2-2. Tested System Configurations

System Name	Software Release		
Nortel CS21000	Succession Enterprise (SE)09.1		
Nortel CS1000M	DSN 4.5W		
Cisco Call Manager	4.2(3) Service Release (SR) 3, with Internetwork Operating System (IOS) Software Release 12.4(9) T1		
SUT	Hardware	Software/Firmware	
TM-2000 ACD Release v5.0	Multi-Port Gateway		
	V0026		
	Windows 2003 R2 SP2		
	IIS 6.0		
	TM-2000 v1.4.2000		
	ACD Controller v5.0		
	Event Server v2.0		
	TMI DigiModule R4.0		
	Attachmate Reflection WRQ v6.1.3		
	RASM	Dialogic D/82	Dialogic System R6.0
		Dialogic D/120	
	Windows 2003 R2 SP2		
	TMI DigiModule R4.0		
	Attachmate Reflection WRQ v6.1.3		
Microsoft Windows Vista SP 2			
IE 7.0			
Agent Module v2.0			
Microsoft Windows XP SP 3			
IE 7.0			
Agent Module v2.0			
LEGEND: ACD Automatic Call Distributor AV Anti V CS Communication Server IE Internet Explorer IIS Internet Information Server N/A Not Applicable PC Personal Computer R Release RASM Remote Agent Status Module SP Service Pack SUT System Under Test TMI T-Metrics Inc. v Version XP Experience			

10. TEST LIMITATIONS. None.

11. TEST RESULTS

a. Discussion

(1) The UCR, paragraph 5.2.2.3, states that precedence calls above ROUTINE precedence destined to numbers that are configured for an ACD system shall divert to the global diversion default (e.g. attendant console, alternate directory number, night service) after a specified time of 15-45 seconds. The SUT meets this requirement with configuration to insure incoming calls above ROUTINE are allowed to ring longer than the diversion time to forcing them to divert to the global diversion default.

(2) The UCR, paragraph 5.2.12.3.5, states that all DSN CPE, as a minimum, must meet the requirements of Part 15 and Part 68 of the Federal Communications Commission (FCC) Rules and Regulations and the Administrative Council for Terminal Attachments (ACTA). The SUT met this requirement with the vendor's submission of an LoC.

(3) The UCR, paragraph 5.2.12.3.5, states that device(s) that support auto-answer shall have an "Auto-Answer" mode settable and have the feature to set the auto-answer mode to a "time" more than the equivalency of four (4) ROUTINE precedence ring intervals in accordance with UCR, section 5.2.2.3 before "answer" supervision is provided. Handling of the precedence calls will be in accordance with Section 5.2.2.2.4.2. The SUT met this requirement with testing. The SUT has the ability to adjust the auto-answer between 15-45 seconds.

(4) The UCR, paragraph 5.2.12.3.5, states that devices that are required to support precedence calls above ROUTINE precedence, shall respond properly to an incoming alerting (ringing) precedence call cadence as described in UCR, section 5.2.4.5.1. The SUT properly responded to incoming calls with ROUTINE and above ROUTINE alerting cadence as described in the UCR section 5.2.4.5.1.

(5) The UCR, paragraph 5.2.12.3.5, states that device(s) that can "out-dial" Dual Tone Multi-Frequency (DTMF) and/or Dial Pulse (DP) digits (automatic and/or manual) shall comply to the requirements as stated in UCR, sections 5.2.4.4.1 and 5.2.4.4.2, respectively, for its address digit generating capabilities and shall be capable of outpulsing DTMF digits specified in Telcordia Technologies GR-506-CORE. This requirement was met by the SUT with testing and vendor's LoC. The SUT does not support DP.

(6) The UCR, paragraph 5.2.4.4.2, states that CPE that use loop signaling shall conform to the requirements of TIA/EIA-470-B. The SUT met this requirement with vendor's LoC.

(7) The UCR, paragraph 5.2.12.8.2.9, states that devices that support Internet Protocol (IP) traffic other than best effort data must tag the respective traffic with a Differential Code Service Point tagging as defined in UCR, Table 5.3.1-3. The SUT ingress and egress IP traffic has no voice media or voice signaling packets. SUT IP traffic was captured between the Cisco CallManager switch and the RASM. Traffic was limited to call statistical information and the initial IP push which contained dial-plan information to the SUT. The initial IP push occurred only when the SUT was booted up. Under the UCR definitions, the dial-plan traffic push would qualify as Operations, Administration, and Management (OAM). Traffic classified as OAM is categorized as Elastic Preferred, and should be prioritized at a level higher than regular data. The OAM push was tagged at a layer 2 priority of zero, and with a layer 3 priority of zero. The OAM traffic was sent as TCP, which makes it fault tolerant. Loss of occasional packets would be corrected for by the underlying TCP layer. This discrepancy was adjudicated by Defense Information Systems Agency (DISA) as having a minor operational impact.

(8) Security is tested and met by DISA-led Information Assurance test teams and is published in a separate report, Reference (f).

(9) General Information. The SUT requires the assignments of the Multiple Appearance Directory Number (MADN) feature in the Nortel MSL-100/CS2100 and Nortel CS1000/Option 11C, 61C, and 81C switches to allow the SUT to monitor which agents are active or idle, and transfer subsequent incoming calls to idle agents. To ensure precedence above ROUTINE are diverted to global default diversion the SUT DigiFone Module setting can be set between 0 rings to 10 rings to insure the SUT answers only ROUTINE calls

b. Test Summary. The SUT met the interface and functional requirements for a customer premise equipment ACD as set forth in Reference (c) and is certified for joint use within the DSN, specifically with the following switching systems listed on the UC APL: Nortel MSL-100, Nortel CS 2100, Nortel CS1000M, Nortel Meridian 1 Options 11C, 61C and 81C, and Cisco Call Manager. The SUT is interoperable with the following interfaces: MSL-100 and CS2100 proprietary M5216 Meridian Business Set (MBS), Nortel CS100M, Options 11C, 61C, and 81C M2616 MBS, and Cisco 100BaseT Ethernet.

12. TEST AND ANALYSIS REPORT. 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://199.208.204.125> (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 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.