



# **Intuity™ Messaging Solutions**

## Release 5.1 Installation Checklist

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Avaya Inc. formed as a result of Lucent's planned restructuring, design builds and delivers voice, converged voice and data, customer relationship management, messaging, multi-service networking and structured cabling products and services. Avaya Labs is the research and development arm of the company.

#### Preventing Toll Fraud

"Toll fraud" is the unauthorized use of your telecommunications system by an unauthorized party (for example, a person who is not a corporate employee, agent, subcontractor, or working on your company's behalf). Be aware that there may be a risk of toll fraud associated with your system and that, if toll fraud occurs, it can result in substantial additional charges for your telecommunications services.

#### Avaya Inc. Fraud Intervention:

If you suspect *that you are being victimized* by toll fraud and you need technical assistance or support, call the Technical Service Center's Toll Fraud Intervention Hotline at 1-800-643-2353.

#### Providing Telecommunications Security

Telecommunications security (of voice, data, and/or video communications) is the prevention of any type of intrusion to (that is, either unauthorized or malicious access to or use of your company's telecommunications equipment) by some party. Your company's "telecommunications equipment" includes both this Avaya product and any other voice/data/video equipment that could be accessed via this Avaya product (that is, "networked equipment").

An "outside party" is anyone who is not a corporate employee, agent, subcontractor, or working on your company's behalf. Whereas, a "malicious party" is anyone (including someone who may be otherwise authorized) who accesses your telecommunications equipment with either malicious or mischievous intent. Such intrusions may be either to/through synchronous (time-multiplexed and/or circuit-based) or asynchronous (character-, message-, or packet-based) equipment or interfaces for reasons of:

- Utilization (of capabilities special to the accessed equipment)
- Theft (such as, of intellectual property, financial assets, or toll-facility access)
- Eavesdropping (privacy invasions to humans)
- Mischief (troubling, but apparently innocuous, tampering)
- Harm (such as harmful tampering, data loss or alteration, regardless of motive or intent)

Be aware that there may be a risk of unauthorized intrusions associated with your system and/or its networked equipment. Also realize that, if such an intrusion should occur, it could result in a variety of losses to your company (including but not limited to, human/data privacy, intellectual property, material assets, financial resources, labor costs, and/or legal costs).

#### Your Responsibility for Your Company's Telecommunications Security

The final responsibility for securing both this system and its networked equipment rests with you – a Avaya customer's system administrator, your telecommunications peers, and your managers. Base the fulfillment of your responsibility on acquired knowledge and resources from a variety of sources including but not limited to:

- Installation documents
- System administration documents
- Security documents
- Hardware-/software-based security tools
- Shared information between you and your peers
- Telecommunications security experts

To prevent intrusions to your telecommunications equipment, you and your peers should carefully program and configure your:

- Avaya-provided telecommunications systems and their interfaces
- Avaya-provided software applications, as well as their underlying hardware/software platforms and interfaces
- Any other equipment networked to your Avaya products.

Avaya Inc. does not warrant that this product or any of its networked equipment is either immune from or will prevent either unauthorized or malicious intrusions. Avaya Inc. will not be responsible for any charges, losses, or damages that result from such intrusions.

#### Federal Communications Commission Statement

**Part 15: Class A Statement.** This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his/her own expense.

**Part 68: Network Registration Number.** This equipment is registered with the FCC in accordance with Part 68 of the FCC Rules. It is identified by FCC registration number AS593M-13283-MF-E. Refer to "Federal Communications Commission Statement" in "About This Book" for more information regarding Part 68.

#### Canadian Department of Communications (DOC) Interference Information

This digital apparatus does not exceed the Class A limits for radio noise emissions set out in the radio interference regulations of the Canadian Department of Communications. Le Préseil Appareil Nomérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class A prescrites dans le règlement sur le brouillage radioélectrique édicté par le ministre des Communications du Canada.

#### Ordering Information

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For additional documents, refer to the section in "About This Book" entitled "Related Documents."

You can be placed on a standing order list for this and other documents you may need. Standing order will enable you to automatically receive updated versions of individual documents or document sets, billed to account information that you provide. For more information on standing orders, or to be put on a list to receive future issues of this document, contact the Avaya Publications Center.

#### European Union Declaration of Conformity

The "CE" mark affixed to the DEFINITY ONE equipment described in this book indicates that the equipment conforms to the following European Union (EU) Directives:

- Electromagnetic Compatibility (89/336/EEC)
- Low Voltage (73/23/EEC)
- Telecommunications Terminal Equipment (TTE) i-CTR3 BRI and i-CTR4 PRI



The "CE" mark affixed to the equipment means that it conforms to the above directives.

For more information on standards compliance, contact your local distributor.

#### Comments

Please send an email message to [infodev@avaya.com](mailto:infodev@avaya.com) with your comments about this document.

# System Installation Checklists

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These installation checklists provide descriptions of the required procedures, in sequence, to use when you install an assembled, loaded, and tested (ALT) Avaya Intuity system.

Determine your switch type and select from the following:

- [MERLIN LEGEND switch](#)
- [System 25 switch](#)
- [System 75 switch](#)
- [System 85 switch](#)
- [DEFINITY R6csi and DEFINITY Mode Code switches](#)
- [LAN Integration with DEFINITY ECS switch](#)

**Note:**

If you need to install a feature for the customer on an ALT system, contact your project manager to verify the requirements and contact your remote support center.

## **System Installation Checklist Including Switch Integration with MERLIN LEGEND, System 25, System 75, System 85, and DEFINITY R6csi and DEFINITY Mode Code Switches**

The following table provides a checklist for the system installation including integration with most switches.

**Note:**

This checklist does *not* include a checklist for LAN integration with DEFINITY ECS. See System Installation Checklist for LAN Integration with DEFINITY ECS (page 5) for information on LAN integration.

As you complete a procedure, make a check mark in the “✓” column.

**Table: System Installation Checklist Including Integration with MERLIN Legend, System 25, System 75, System 85, DEFINITY R6csi and Mode Code Switches**

Task	Description	Comments	✓
1.	Prepare the site by checking the following: <ul style="list-style-type: none"> <li>▪ <u>Environmental considerations</u></li> <li>▪ <u>Installation area considerations</u></li> <li>▪ <u>Weight and space considerations</u></li> </ul>	All systems.	
2.	<u>Check power requirements.</u>	All systems.	
3.	<u>Check system grounding requirements.</u>	All systems.	
4.	<u>Gather the required tools.</u>	All systems.	
5.	Verify that the switch is administered.	See the switch administrator.	
6.	<u>Review demarcation points.</u>	All systems, application dependent.	
7.	<u>Review security issues.</u>	All systems.	
8.	<u>Unpack and check the shipment contents.</u>	Open boxes as instructed to <u>reuse packing materials.</u>	
9.	Install <u>toroids</u> and <u>ferrites</u> as required.	Select your system: <ul style="list-style-type: none"> <li>▪ <u>MAP/5P</u></li> <li>▪ <u>MAP/40P</u></li> <li>▪ <u>MAP/100P</u></li> </ul>	
10.	Assemble the system and identify key components.	Select your system: <ul style="list-style-type: none"> <li>▪ <u>MAP/5P</u></li> <li>▪ <u>MAP/40P</u></li> <li>▪ <u>Deskside MAP/100P</u></li> <li>▪ <u>Rack-mounted MAP/100P</u></li> </ul>	

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**Table: System Installation Checklist Including Integration with MERLIN Legend, System 25, System 75, System 85, DEFINITY R6csi and Mode Code Switches-(Continued)**

Task	Description	Comments	✓
11.	<u>Cable circuit cards.</u>	These connections <i>must</i> be made prior to powering up.	
12.	<u>Connect peripheral devices.</u>		
13.	Restore power to the system.	Select your system: <ul style="list-style-type: none"> <li>▪ <u>MAP/5P</u></li> <li>▪ <u>MAP/40P</u></li> <li>▪ <u>MAP/100P</u></li> </ul>	
14.	Verify that the system setup screen is correct.		
15.	Continue with the next task if the system setup screen is correct.	If the system does not seem to be working, verify the hardware connections. Use the following troubleshooting procedures, as necessary: <ul style="list-style-type: none"> <li>▪ <u>TCP/IP troubleshooting</u></li> <li>▪ <u>Cabling circuit cards</u></li> </ul>	
16.	<u>Administer passwords.</u>	All systems.	
17.	<u>View installed hardware.</u>	All systems.	
18.	<u>View installed software.</u>	All systems.	
19.	<u>Verify feature options.</u>	All systems.	
20.	<u>Verify system status.</u>	All systems.	
21.	<u>Assign the date, time, and time zone to the system.</u>	All systems.	
22.	Administer the system for integration with the switch.	Select your switch: <ul style="list-style-type: none"> <li>▪ <u>MERLIN Legend</u></li> <li>▪ <u>System 25</u></li> <li>▪ <u>System 75</u></li> <li>▪ <u>System 85</u></li> <li>▪ <u>DEFINITY R6csi and Mode Code</u></li> </ul>	
23.	<u>Administer channels.</u>	All systems.	

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**Table: System Installation Checklist Including Integration with MERLIN Legend, System 25, System 75, System 85, DEFINITY R6csi and Mode Code Switches-(Continued)**

Task	Description	Comments	✓
24.	<u>Perform acceptance testing for channels.</u>	All systems.	
25.	<u>Match the time on the system and the switch.</u>		
26.	<u>Change the system-parameter features</u> if the project manager has provided you with a worksheet with specific system-parameter features to change.  If the customer purchased the system defaults, do not change system-parameter features and continue with the next step.		
27.	<u>Add test subscribers.</u>		
28.	<u>Test voice messaging and the optional multilingual feature.</u>		
29.	<u>Administer TCP/IP LAN connectivity.</u>		
30.	<u>Test the TCP/IP LAN connection.</u>		
31.	<u>Administer Message Manager.</u>		
32.	<u>Administer FAX Messaging.</u>		
33.	<u>Test FAX Messaging.</u>		
34.	<u>Administer email.</u>		
35.	<u>Administer and test peripheral devices.</u>		
36.	<u>Administer and test AMIS analog networking.</u>		
37.	<u>Administer digital networking.</u>		
38.	<u>Test digital networking.</u>		
39.	<u>Administer and test Lodging.</u>		
40.	<u>Administer and test Lodging FAX Messaging.</u>		
41.	<u>Integrate a PMS with Lodging.</u>		
42.	<u>Select a cut to service procedure for Lodging.</u>		
43.	<u>Perform an attended backup.</u>	All systems.	
44.	<u>Prepare for an unattended backup.</u>	All systems.	

## System Installation Checklist for LAN Integration with DEFINITY ECS

The following table provides a checklist for the system installation including LAN integration with DEFINITY ECS.

**Note:**

This checklist does *not* include a checklist for Merlin Legend, System 25, System 75, System 85, and DEFINITY R6csi and Mode Code Switches. See System Installation Checklist Including Switch Integration with MERLIN LEGEND, System 25, System 75, System 85, and DEFINITY R6csi and DEFINITY Mode Code Switches (page 1) if you are not performing a LAN integration.

As you complete a procedure, make a check mark in the “✓” column.

**Table: System Installation Checklist Including LAN Integration with DEFINITY ECS**

Task	Description	Comments	✓
1.	Prepare the site by checking the following: <ul style="list-style-type: none"> <li>▪ <u>Environmental considerations</u></li> <li>▪ <u>Installation area considerations</u></li> <li>▪ <u>Weight and space considerations</u></li> </ul>	All systems.	
2.	<u>Check power requirements.</u>	All systems.	
3.	<u>Check system grounding requirements.</u>	All systems.	
4.	<u>Gather the required tools.</u>	All systems.	
5.	Verify that the switch has been administered.	See the switch administrator.	
6.	Check if you need to notify the LAN administrator to arrange for administration of the LAN for the system. <b>Note:</b> Avaya is not responsible for the installation, administration, or test of communications between customer PCs and the LAN.	See the LAN administrator. <b>Note:</b> Some LANs may be administered prior to your arrival on site. Other LANs require that the administration for a new machine be done at the time of installation because an open connection may cause the LAN to fail.	
7.	<u>Review demarcation points.</u>	All systems, application dependent.	

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**Table: System Installation Checklist Including LAN Integration with DEFINITY ECS-(Continued)**

Task	Description	Comments	✓
8.	<u>Review security issues.</u>	All systems.	
9.	<u>Unpack and check the shipment contents.</u>	Open boxes as instructed to <u>reuse packing materials.</u>	
10.	Install <u>toroids</u> and <u>ferrites</u> as required.	Select your system: <ul style="list-style-type: none"> <li>▪ <u>MAP/5P</u></li> <li>▪ <u>MAP/40P</u></li> <li>▪ <u>MAP/100P</u></li> </ul>	
11.	Assemble the system and identify key components.	Select your system: <ul style="list-style-type: none"> <li>▪ <u>MAP/5P</u></li> <li>▪ <u>MAP/40P</u></li> <li>▪ <u>Deskside MAP/100P</u></li> <li>▪ <u>Rack-mounted MAP/100P</u></li> </ul>	
12.	<u>Cable circuit cards.</u>	These connections <i>must</i> be made prior to powering up.	
13.	<u>Connect peripheral devices.</u>	All systems.	
14.	Restoring power to the system.	Select your system: <ul style="list-style-type: none"> <li>▪ <u>MAP/5P</u></li> <li>▪ <u>MAP/40P</u></li> <li>▪ <u>MAP/100P</u></li> </ul>	
15.	Verify that the system setup screen is correct.	All systems.	
16.	Continue with the next task if the system setup screen is correct.	If the system does not seem to be working, verify the hardware connections. Use the following troubleshooting procedures, as necessary: <ul style="list-style-type: none"> <li>▪ <u>TCP/IP LAN troubleshooting</u></li> <li>▪ <u>Cabling circuit cards</u></li> </ul>	
17.	<u>Administer passwords.</u>	All systems.	
18.	<u>View installed hardware.</u>	All systems.	

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**Table: System Installation Checklist Including LAN Integration with DEFINITY ECS-(Continued)**

<b>Task</b>	<b>Description</b>	<b>Comments</b>	<b>✓</b>
19.	<u>View installed software.</u>	All systems.	
20.	<u>Verify feature options.</u>	All systems.	
21.	<u>Verify system status.</u>	All systems.	
22.	<u>Assign the date, time, and time zone to the system.</u>	All systems.	
23.	<u>Change the system-parameter features</u> if the project manager has provided you with a worksheet with specific system-parameter features to change.  If the customer has purchased the system defaults, do not change system-parameter features and continue with the next step.		
24.	<u>Administer TCP/IP LAN connectivity.</u>		
25.	<u>Test the TCP/IP LAN connection.</u>		
26.	<u>Administer the switch link.</u>		
27.	<u>Provide a DNS server address if you used host names.</u>		
28.	<u>Administer the DCS network time zone.</u>	Do this only if the Avaya Intuity system will be working on a DCS network.	
29.	<u>Change the switch extension length.</u>		
30.	<u>Administer channels.</u>	All systems.	
31.	<u>Perform acceptance testing for channels.</u>	All systems.	
32.	<u>Match the time on the system and the switch.</u>		
33.	<u>Stop the voice system.</u>		
34.	<u>Start the voice system.</u>		
35.	<u>Verify the LAN link.</u>		
36.	<u>Add test subscribers.</u>		
37.	<u>Test voice messaging and the optional multilingual feature.</u>		
38.	<u>Administer Message Manager.</u>		

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**Table: System Installation Checklist Including LAN Integration with DEFINITY ECS-(Continued)**

<b>Task</b>	<b>Description</b>	<b>Comments</b>	<b>✓</b>
39.	<u>Administer FAX Messaging.</u>		
40.	<u>Test FAX Messaging.</u>		
41.	<u>Administer email.</u>		
42.	<u>Administer and test peripheral devices.</u>		
43.	<u>Administer and test AMIS analog networking.</u>		
44.	<u>Administer digital networking.</u>		
45.	<u>Test digital networking.</u>		
46.	<u>Administer and test Lodging.</u>		
47.	<u>Administer and test Lodging FAX Messaging.</u>		
48.	<u>Integrate a PMS with Lodging.</u>		
49.	<u>Select a cut to service procedure for Lodging.</u>		
50.	<u>Perform an attended backup.</u>	All systems.	
51.	<u>Prepare for an unattended backup.</u>	All systems.	