



Installation Quick Reference

for

Avaya™ S8300 Media Server

with Avaya™ G700 Media Gateway

555-234-201

Issue 1

May 2002

Notice

Every effort was made to ensure that the information in this document was complete and accurate at the time of printing. However, information is subject to change.

Your Responsibility for Your Company's Telecommunications Security

The final responsibility for securing both this system and its networked equipment rests with you - an Avaya customer's system administrator, your telecommunications peers, and your managers. The scope of your responsibilities is based upon 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
- Your Avaya-provided software applications, and their underlying hardware/software platforms and interfaces
- Any other equipment networked to your Avaya products.

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 is not 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 Fraud Intervention and how to get help

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

For additional support telephone numbers, see the Avaya web site: <http://www.avaya.com>

Click on Support, click on Escalation Lists US and International. This web site includes phone numbers for escalation within the United States. For escalation phone numbers outside the United States, click on Global Escalation List. This list contains the phone numbers for the Centers of Excellence in each Avaya-defined region.

Voice over Internet Protocol (VoIP)

If the equipment supports Voice over Internet Protocol (VoIP) facilities, you may experience certain compromises in performance, reliability and security, even when the equipment performs as warranted. These compromises may become more acute if you fail to follow Avaya's recommendations for configuration, operation and use of the equipment. YOU ACKNOWLEDGE THAT YOU ARE AWARE OF THESE RISKS AND THAT YOU HAVE DETERMINED THEY ARE ACCEPTABLE FOR YOUR APPLICATION OF THE EQUIPMENT. YOU ALSO ACKNOWLEDGE THAT, UNLESS EXPRESSLY PROVIDED IN ANOTHER AGREEMENT, YOU ARE SOLELY RESPONSIBLE FOR (1) ENSURING THAT YOUR NETWORKS AND SYSTEMS ARE ADEQUATELY SECURED AGAINST UNAUTHORIZED INTRUSION AND (2) BACKING UP YOUR DATA AND FILES.

Standards Compliance

Avaya Inc. is not responsible for any radio or television interference caused by unauthorized modifications of this equipment or the substitution or attachment of connecting cables and equipment other than those specified by Avaya Inc. The correction of interference caused by such unauthorized modifications, substitution or attachment will be the responsibility of the user. Pursuant to Part 15 of the FCC Rules, the user is cautioned that changes or modifications not expressly approved by Avaya Inc. could void the user's authority to operate this equipment.

Ordering Information

Call: US Voice: 1 800 457 1235
US Fax: 1 800 457 1764
non-US Voice: +1 410 568 3680
non-US Fax: +1 410 891 0207

Write: Globalware Solutions
200 Ward Hill Avenue
Haverhill, MA 01835 USA

Order: Document No.555-234-201, Issue 1,
May 2002

European Union Declaration of Conformity

Avaya Inc. declares that the equipment specified in this document bearing the "CE" (*Conformité Européenne*) mark conforms to the European Union Radio and Telecommunications Terminal Equipment Directive (1999/5/EC), including the Electromagnetic Compatibility Directive (89/336/EEC, Class B) and Low Voltage Directive (73/23/EEC). This equipment has been tested to meet the CTR4 Primary Rate Interface (PRI) specification.

Copies of these Declarations of Conformity (DoCs) can be obtained by contacting your local sales representative and are available on the following Web site:

<http://support.avaya.com/elmodocs2/DoC/IDoC/index.jhtml>

Federal Communications Commission Statement

Part 15:

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Part 68: Answer-Supervision Signaling.

Allowing this equipment to be operated in a manner that does not provide proper answer-supervision signaling is in violation of Part 68 rules. This equipment returns answer-supervision signals to the public switched network when:

- answered by the called station,
- answered by the attendant, or
- routed to a recorded announcement that can be administered by the customer premises equipment (CPE) user.
- This equipment returns answer-supervision signals on all direct inward dialed (DID) calls forwarded back to the public switched telephone network. Permissible exceptions are:
 - A call is unanswered.
 - A busy tone is received.
 - A reorder tone is received.

Avaya attests that this registered equipment is capable of providing users access to interstate providers of operator services through the use of access codes. Modification of this equipment by call aggregators to block access dialing codes is a violation of the Telephone Operator Consumers Act of 1990.

This equipment complies with Part 68 of the FCC Rules. On the rear of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

The REN is used to determine the quantity of devices which may be connected to the telephone line. Excessive RENs on the telephone line may result in devices not ringing in response to an incoming call. In most, but not all areas, the sum of RENs should not exceed 5.0. To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. REN is not required for some types of analog or digital facilities.

Means of Connection

Connection of this equipment to the telephone network is shown in the following table.

Manufacturer's Port Identifier	FIC Code	SOC/REN/A.S. Code	Network Jacks
Ground start CO trunk	02GS2	0.5A	RJ11C
Loop start CO trunk	02LS2	0.5A	RJ11C
DID CO trunk	02RV2-T	AS.2	RJ11C
1.544 Mbit digital interface	04DU9-BN 04DU9-DN 04DU9-IKN 04DU9-ISN	6.0Y 6.0Y 6.0Y 6.0Y	RJ48C RJ48C RJ48C RJ48C
Primary Rate Interface	04DU9- ISN(PRI)	6.0Y	RJ48C
Basic Rate Interface	02IS5	6.0F	RJ49C

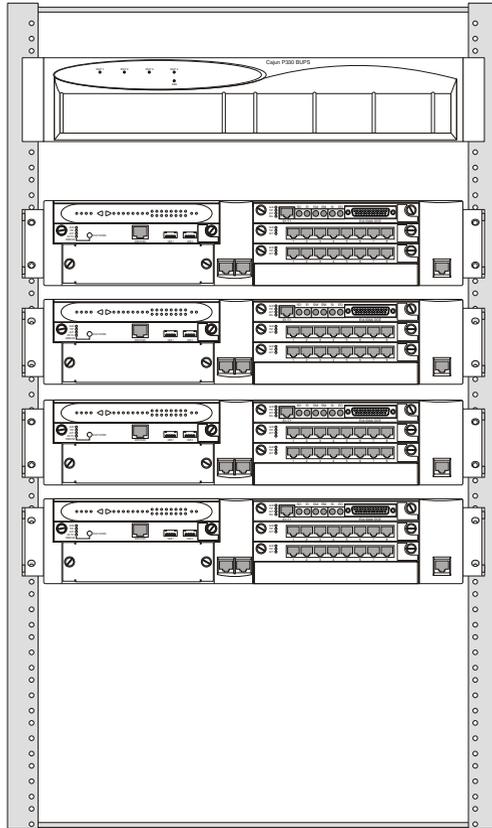
If the terminal equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact the Technical Service Center at 1-800-242-2121 or contact your local Avaya representative. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved. It is recommended that repairs be performed by Avaya certified technicians.

The equipment cannot be used on public coin phone service provided by the telephone company. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

This equipment, if it uses a telephone receiver, is hearing aid compatible.



- 1 *Mount in Rack*
- 2 *Insert S8300 Media Server*
- 3 *Insert Media Modules*
- 4 *Connect the Units*
- 5 *Assign IP Addresses*
- 6 *Configure S8300 Media Server*
- 7 *Connect to LAN*

- Equipment and Legend -

Basic Shipment



Avaya G700 Media Gateway



Documentation

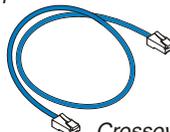
Serial cable
adapter



Serial cable

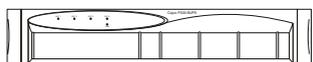


Ground
wire

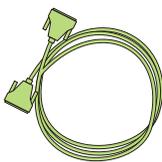


Crossover
ethernet cable

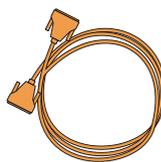
Other Equipment



Cajun P330



X330LC
Long cable



X330RC
Redundancy cable



X330SC
Short cable

Conventions

2

Step number



Customer LAN

Laptop Computer Specifications

Hardware

- 32 MB RAM
- 40 MB free disk space
- CD-ROM drive

Terminal Setup

- IP address: 192.11.13.5
- Subnet mask: 255.255.255.252
- Media Server access: 192.11.13.6

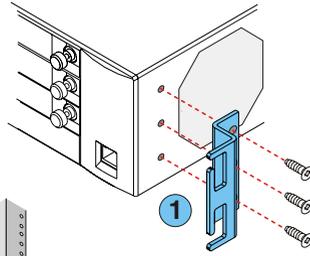
Software

- Windows 95, 98, NT 4.0, Millennium Edition, Windows 2000
- Internet Explorer 5.x, Netscape 4.7x
- Avaya Site Administration
- HyperTerminal (or other emulation software)
- FTP
- Telnet
- SSH utility

1 Mount in Rack, Attach Grounds and Install Cascade Module

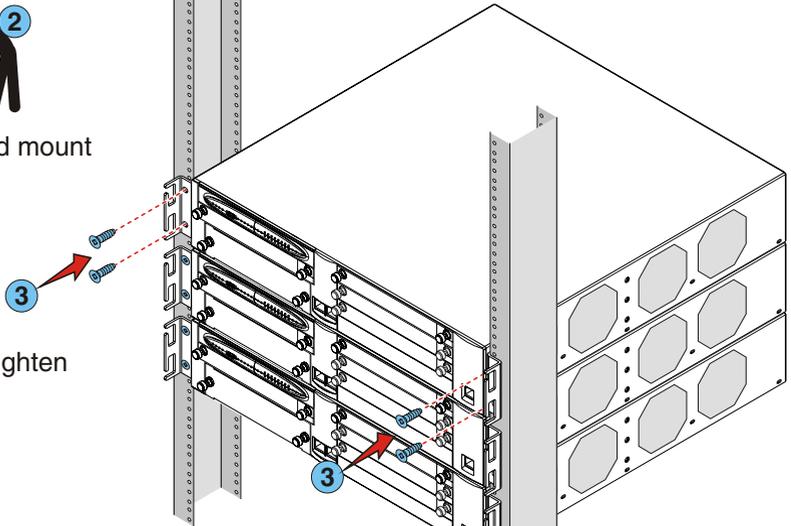
1. Install mounting brackets

 **Warning!**
Use ESD strap.

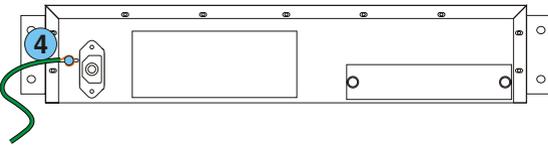


 
2. Balance and mount
in the rack

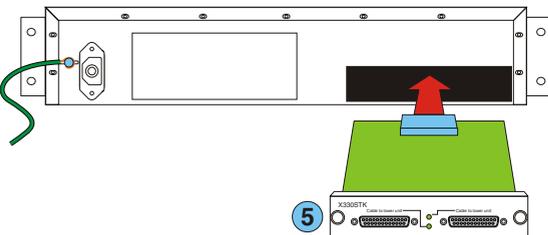
3. Insert and tighten
screws



4. Attach ground wire

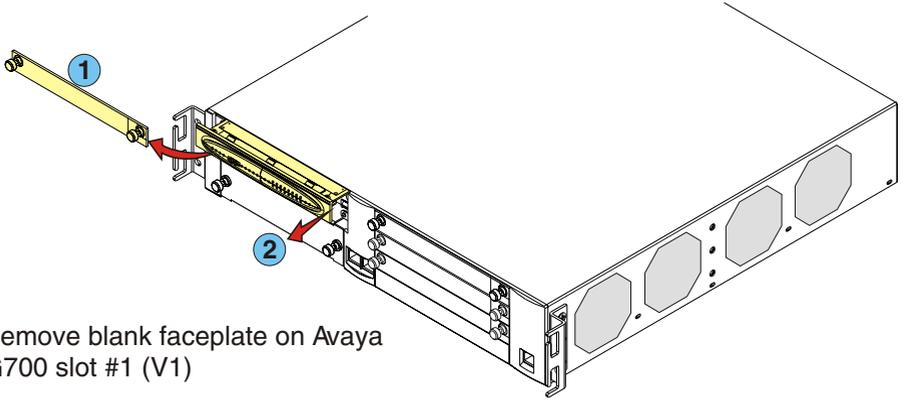


5. Insert the Octaplane Stacking Module to link multiple G700s



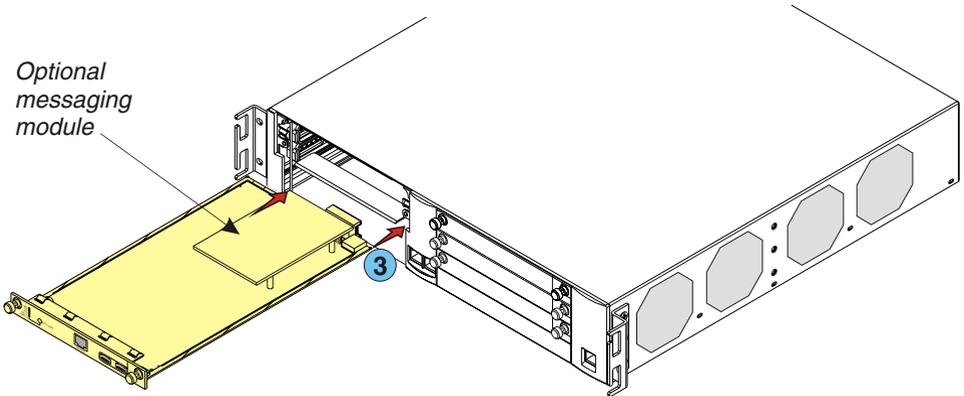
2a

Insert Avaya S8300 Media Server into Slot #1 of Avaya G700 Media Gateway

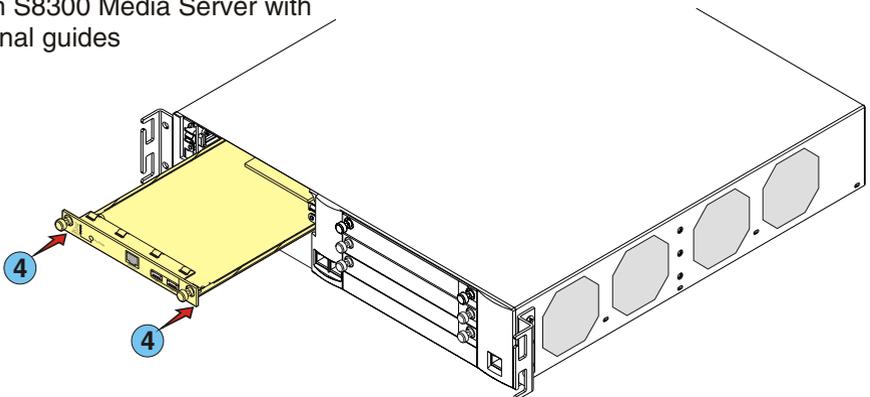


1. Remove blank faceplate on Avaya G700 slot #1 (V1)

2. Disengage and remove LED panel



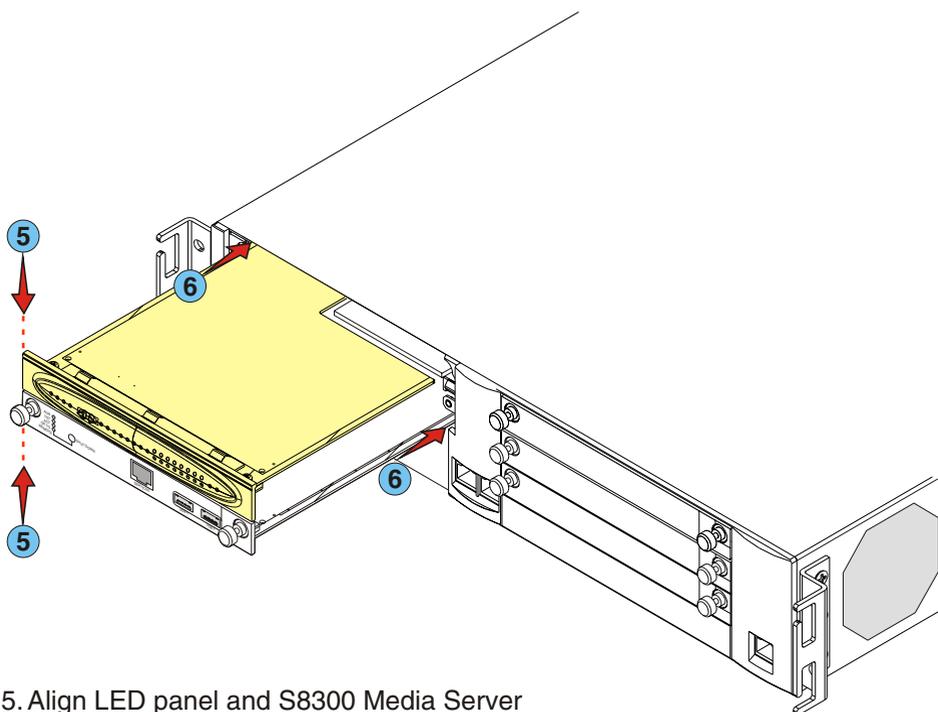
3. Align S8300 Media Server with internal guides



4. Push in S8300 Media Server halfway

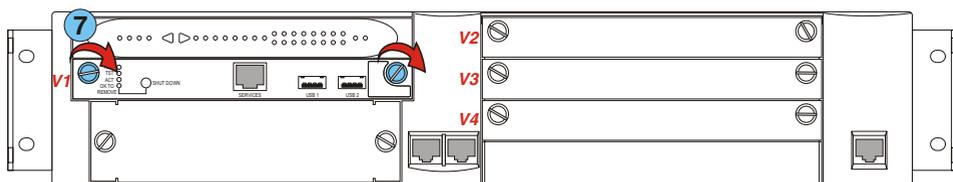
2b

Insert Avaya S8300 Media Server into Slot #1 of Avaya G700 Media Gateway



5. Align LED panel and S8300 Media Server

6. Push both LED panel and S8300 Media Server firmly into guides



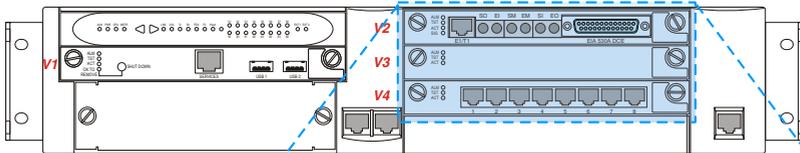
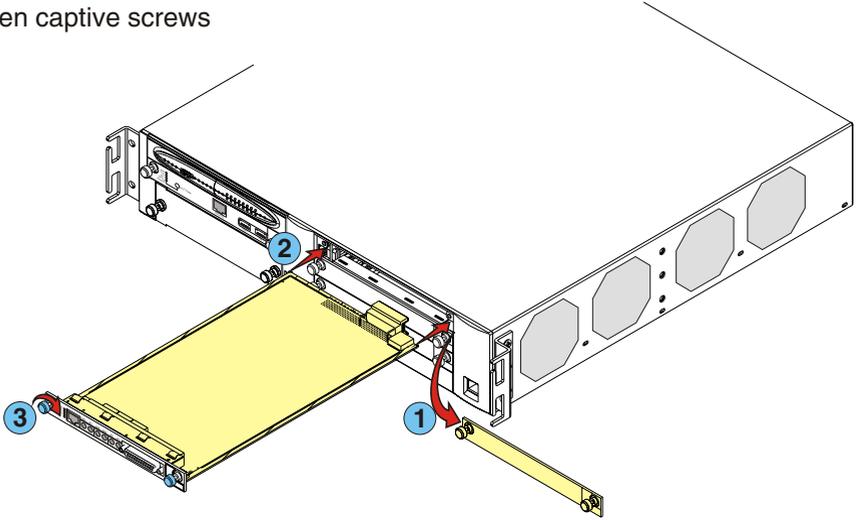
7. Tighten captive screws



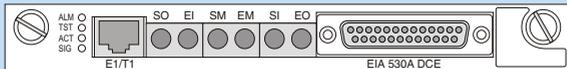
Warning! To prevent electrical hazards faceplates must be used and captive screws must be tightened.

3 Insert Media Modules

1. Remove blank faceplate
2. Align media module with interior guides and push firmly
3. Tighten captive screws



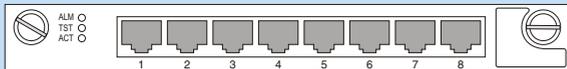
MM 710
E1/T1 Media Module



MM 760
VoIP Media Module



MM 712
DCP Media Module



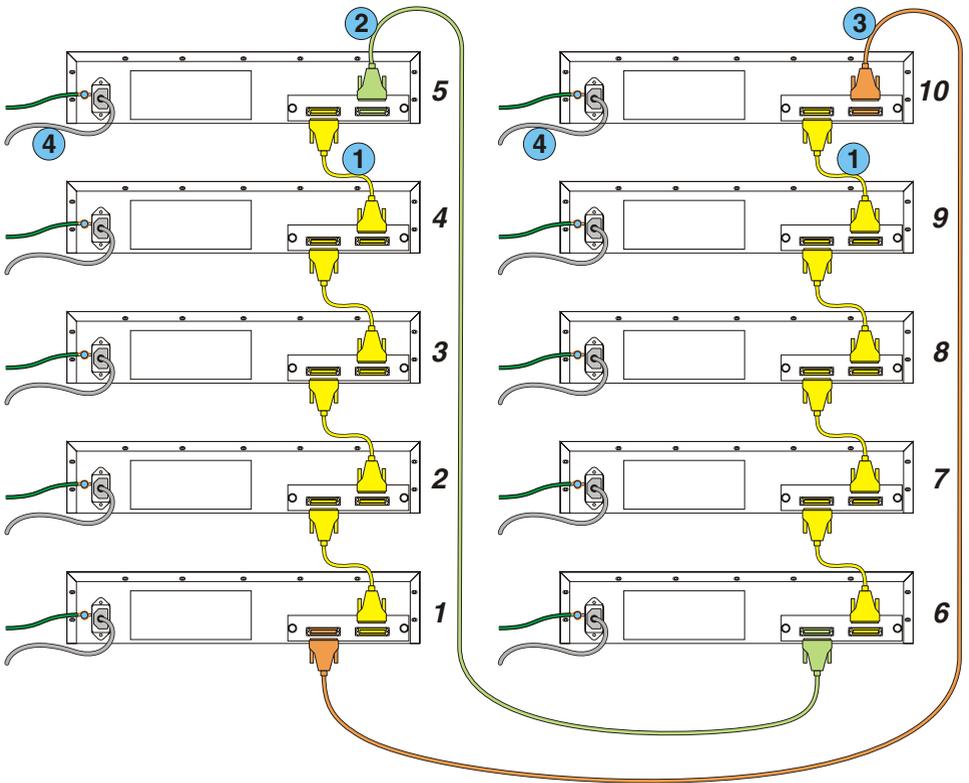
MM 711
Analog Media Module



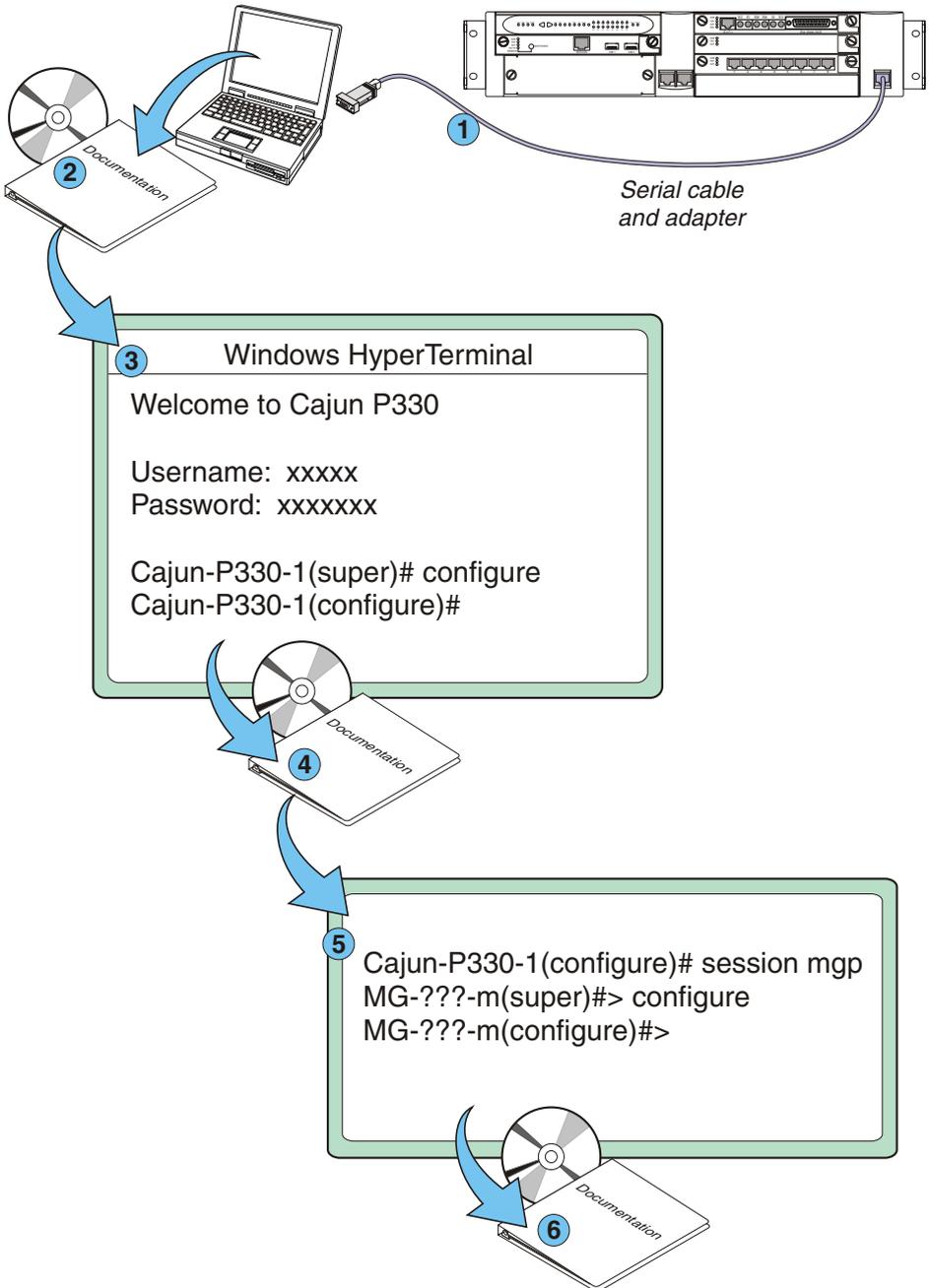
4 Connect the Units

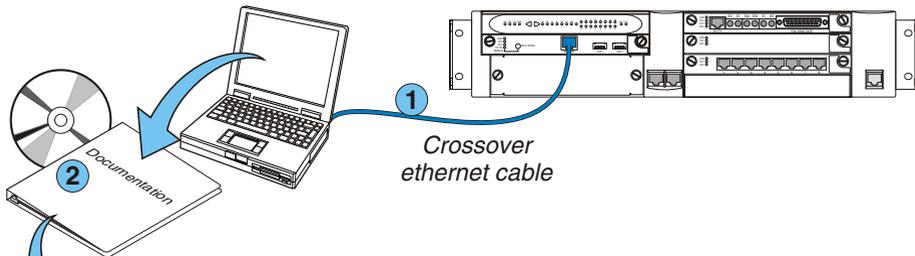
1. Connect units with X330SC (Short Cable)
12in./30 cm
2. Link units in separate racks with X330LC (Long Cable)
6'2m
3. Link bottom to top unit with X330RC (Redundancy Cable)
6'2m
4. Attach power cable

! *Warning: There is no On/Off switch - units will powerup immediately!*



Assign an IP Address to the Cajun Stack and the G700 Media Gateway





Microsoft Internet Explorer

Address https://135.122.49.55/cgi-bin/do_login

AVAYA
communication

This Server: [1] tsochawk-icc

Help
Log Off

Telephony Administration
--Start ASA
--Download ASA

Utility Software
--Download VMON

Data Backup/Restore
--Backup Now
--Schedule Backup
--View Backup Log
--View/Restore Data

Alarms and Notification
--View Current Alarms

Server
--View Summary Status
--View Process Status
--Shutdown This Server
--Set Server Time/Timezone

Security
--Enable/Disable Modem
--Start/Stop FTP Server
--View License Status
--Install License
--Install Avaya Authentication

SNMP
--Configure Trap Destinations
--Start/Stop Master Agent

Diagnostics
--View Restart Causes
--View System Logs
--View Temperature/Voltage
--Execute Ping
--Execute Traceroute
--Execute Netstat
--Test Modem

Miscellaneous
--Enable/Disable Ethernet Switch Ports
--Info Files to Server (via browser)
--Download Files to Server (from web)

Installation and Upgrades
--View Software Version
--Configure Server
--Install New Software Release
--Make Server Upgrade Permanent
--View Partition Status
--Reset to Defaults
--View Serial Numbers

Notice

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3 Select and follow screens...

Installation and Upgrades

- View Software Version
- Configure Server
- Install New Software Release
- Make Server Upgrade Permanent
- View Partition Status
- Reset to Defaults
- View Serial Numbers

