



Avaya Solution & Interoperability Test Lab

Configuring a Property Management System Data Link on Avaya Communication Manager – Issue 1.0

Abstract

These Application Notes describe the steps required to configure a Property Management System (PMS) data link between an Avaya S8300 Media Server controlling a G700 Media Gateway and a PMS through a terminal server. The PMS data link provides a property management system with the ability to provide hotel/motel management features with communications related functions that are coordinated with Avaya Communication Manager.

1. Introduction

These Application Notes describe the steps needed to replicate the configuration of a PMS data link between Avaya Communication Manager running on an S8300 Media Server with G700 Media Gateway and a PMS through a terminal server, as shown in **Figure 1**. The PMS data link provides a property management system with the ability to provide front office and back office hotel/motel management features with communications related functions that are coordinated with Avaya Communication Manager. The configuration described in these Application Notes uses an Avaya internally developed PMS lab simulator program rather than a third party PMS application. The information provided in this document is also applicable for setting up a PMS data link to a third-party application.

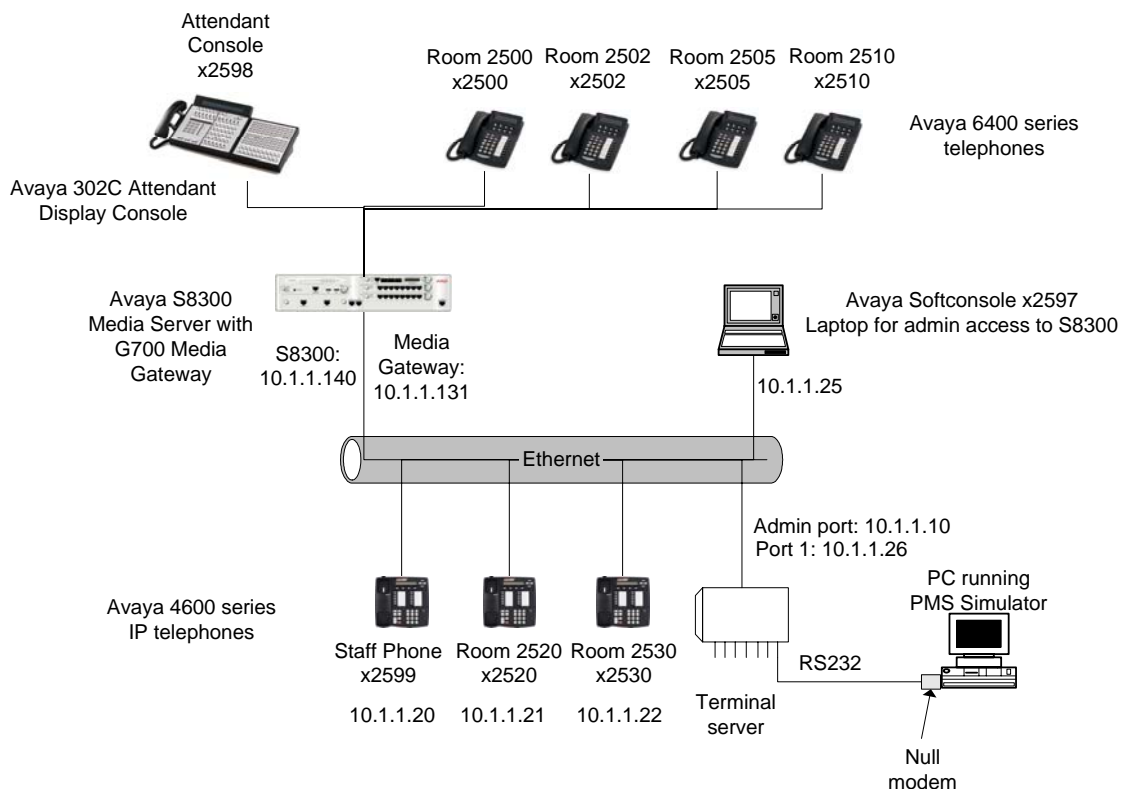


Figure 1: Tested Configuration

Voice messaging and/or call accounting data links to the property management systems are beyond the scope of these Application Notes. Please refer to the GuestWorks® and DEFINITY® Systems Technician Handbook for Hospitality Installations document for information relating to these topics.

2. Equipment and Software Validated

The following equipment and software were used for the configuration:

Equipment	Software
Avaya S8300 Media Server with G700 Media Gateway	Communication Manager 2.1.1
Avaya 4624 IP Telephone	1.82
Avaya 6408D Digital Telephone	-
Avaya 302C Attendant Display Console	-
Avaya Softconsole	1.5
Avaya lab PMS simulator program	3.3
Moxa Async CN2516 Terminal Server	2.26
Laptop for use with Avaya Softconsole and for admin access to the Avaya S8300/G700.	Windows 2000 Professional with Service Pack 4
PC for use with PMS Simulator	Windows 2000 Professional with Service Pack 4

3. Configure Avaya Communication Manager

This section provides instructions for setting up the PMS data link on Avaya Communication Manager assuming it is configured with the appropriate licenses as well. For detailed instructions on how to set up Avaya Communication Manager for Hospitality, please refer to the Avaya GuestWorks® and DEFINITY® Systems Technician Handbook for Hospitality Installations.

Step	Description
1.	<p>From the System Access Terminal (SAT), log in with the appropriate privileges. Verify the <i>Offer Category</i> is B in the display system-parameters offer-options form. If it is not, contact the appropriate support contacts in order to get the necessary options set on site.</p> <div><pre>display system-parameters offer-options OFFER OPTIONS Offer Category: B Activate Offer? y</pre></div>

Step	Description																																
2.	<p>Verify <i>Maximum Concurrent Registered IP eCons</i> is set to a value greater than 0 and verify Maximum G700/G350 VAL Sources is set to a value greater than 0 in page 2 of the display system-parameters customer-options form. These parameters are not required for PMS functionality but to enable Avaya Softconsole and gateway announcements respectively.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <div style="display: flex; justify-content: space-between;"> <div> display system-parameters customer-options OPTIONAL FEATURES </div> <div>Page 2 of 10</div> </div> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">IP PORT CAPACITIES</th> <th style="text-align: right;">USED</th> </tr> </thead> <tbody> <tr> <td style="padding-left: 40px;">Maximum Administered H.323 Trunks: 100</td> <td style="text-align: right;">5</td> </tr> <tr> <td style="padding-left: 40px;">Maximum Concurrently Registered IP Stations: 100</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">Maximum Administered Remote Office Trunks: 0</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">Maximum Concurrently Registered Remote Office Stations: 0</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">Maximum Concurrently Registered IP eCons: 1</td> <td style="text-align: right;">1</td> </tr> <tr> <td style="padding-left: 40px;">Maximum Administered SIP Trunks: 100</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">Maximum Number of DS1 Boards with Echo Cancellation: 0</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">Maximum TN2501 VAL Boards: 0</td> <td style="text-align: right;">0</td> </tr> <tr> <td style="padding-left: 40px;">Maximum G700/G350 VAL Sources: 1</td> <td style="text-align: right;">1</td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 10px;">(NOTE: You must logoff & login to effect the permission changes.)</p> </div>	IP PORT CAPACITIES	USED	Maximum Administered H.323 Trunks: 100	5	Maximum Concurrently Registered IP Stations: 100	0	Maximum Administered Remote Office Trunks: 0	0	Maximum Concurrently Registered Remote Office Stations: 0	0	Maximum Concurrently Registered IP eCons: 1	1	Maximum Administered SIP Trunks: 100	0	Maximum Number of DS1 Boards with Echo Cancellation: 0	0	Maximum TN2501 VAL Boards: 0	0	Maximum G700/G350 VAL Sources: 1	1												
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3.	<p>Verify <i>Hospitality (Basic)?</i> is set to y, <i>Hospitality (G3V3 Enhancements)?</i> is set to y, and <i>IP Attendant Consoles?</i> is set to y in page 4 of the display system-parameters customer-options form.</p> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <div style="display: flex; justify-content: space-between;"> <div> display system-parameters customer-options OPTIONAL FEATURES </div> <div>Page 4 of 10</div> </div> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="padding-left: 40px;">Emergency Access to Attendant? y</td> <td style="padding-left: 40px;">IP Stations? y</td> </tr> <tr> <td style="padding-left: 40px;">Enable 'dadmin' Login? y</td> <td style="padding-left: 40px;">Internet Protocol (IP) PNC? n</td> </tr> <tr> <td style="padding-left: 40px;">Enhanced Conferencing? n</td> <td style="padding-left: 40px;">ISDN Feature Plus? n</td> </tr> <tr> <td style="padding-left: 40px;">Enhanced EC500? n</td> <td style="padding-left: 40px;">ISDN Network Call Redirection? n</td> </tr> <tr> <td style="padding-left: 40px;">Enterprise Wide Licensing? n</td> <td style="padding-left: 40px;">ISDN-BRI Trunks? n</td> </tr> <tr> <td style="padding-left: 40px;">Extended Cvg/Fwd Admin? n</td> <td style="padding-left: 40px;">ISDN-PRI? y</td> </tr> <tr> <td style="padding-left: 40px;">External Device Alarm Admin? n</td> <td style="padding-left: 40px;">Local Spare Processor? n</td> </tr> <tr> <td style="padding-left: 40px;">Five Port Networks Max Per MCC? n</td> <td style="padding-left: 40px;">Malicious Call Trace? n</td> </tr> <tr> <td style="padding-left: 40px;">Flexible Billing? n</td> <td style="padding-left: 40px;">Media Encryption Over IP? n</td> </tr> <tr> <td style="padding-left: 40px;">Forced Entry of Account Codes? n</td> <td style="padding-left: 40px;">Mode Code for Centralized Voice Mail? n</td> </tr> <tr> <td style="padding-left: 40px;">Global Call Classification? n</td> <td></td> </tr> <tr> <td style="padding-left: 40px;">Hospitality (Basic)? y</td> <td style="padding-left: 40px;">Multifrequency Signaling? y</td> </tr> <tr> <td style="padding-left: 40px;">Hospitality (G3V3 Enhancements)? y</td> <td style="padding-left: 40px;">Multimedia Appl. Server Interface (MASI)? n</td> </tr> <tr> <td style="padding-left: 40px;">IP Trunks? y</td> <td style="padding-left: 40px;">Multimedia Call Handling (Basic)? n</td> </tr> <tr> <td></td> <td style="padding-left: 40px;">Multimedia Call Handling (Enhanced)? n</td> </tr> <tr> <td style="padding-left: 40px;">IP Attendant Consoles? y</td> <td></td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 10px;">(NOTE: You must logoff & login to effect the permission changes.)</p> </div>	Emergency Access to Attendant? y	IP Stations? y	Enable 'dadmin' Login? y	Internet Protocol (IP) PNC? n	Enhanced Conferencing? n	ISDN Feature Plus? n	Enhanced EC500? n	ISDN Network Call Redirection? n	Enterprise Wide Licensing? n	ISDN-BRI Trunks? n	Extended Cvg/Fwd Admin? n	ISDN-PRI? y	External Device Alarm Admin? n	Local Spare Processor? n	Five Port Networks Max Per MCC? n	Malicious Call Trace? n	Flexible Billing? n	Media Encryption Over IP? n	Forced Entry of Account Codes? n	Mode Code for Centralized Voice Mail? n	Global Call Classification? n		Hospitality (Basic)? y	Multifrequency Signaling? y	Hospitality (G3V3 Enhancements)? y	Multimedia Appl. Server Interface (MASI)? n	IP Trunks? y	Multimedia Call Handling (Basic)? n		Multimedia Call Handling (Enhanced)? n	IP Attendant Consoles? y	
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5.	<p>Add the IP address assigned to the terminal server port connected to the PMS Simulator PC. Set <i>terminalserver</i> to 10.1.1.26 in the change node-names ip form. Make a note of the IP address used for the terminal server port, as this information will be required during the terminal server port setup.</p> <div><div><div><div>change node-names ip</div><div>Page 1 of 1</div></div><div>IP NODE NAMES</div><table><tr><td>Name</td><td>IP Address</td><td>Name</td><td>IP Address</td></tr><tr><td>default</td><td>0 .0 .0 .0</td><td></td><td>. . .</td></tr><tr><td>locclan</td><td>10 .1 .1 .10</td><td></td><td>. . .</td></tr><tr><td>procr</td><td>10 .1 .1 .140</td><td></td><td>. . .</td></tr><tr><td>terminalserver</td><td>10 .1 .1 .26</td><td></td><td>. . .</td></tr></table></div></div>	Name	IP Address	Name	IP Address	default	0 .0 .0 .0		. . .	locclan	10 .1 .1 .10		. . .	procr	10 .1 .1 .140		. . .	terminalserver	10 .1 .1 .26		. . .																												
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6.	<p>Add the PMS service using the change ip-services form. Set <i>Service Type</i> to PMS, <i>Local Node</i> to procr, <i>Remote Node</i> to terminalserver and <i>Remote Port</i> to 5103, the port value recommended for PMS. Make a note of the Remote Port number used, as this information will be required during the terminal server port setup.</p> <div><div><div>change ip-services</div><div>Page1 of 2</div><table><thead><tr><th colspan="6">IP SERVICES</th></tr><tr><th>Service Type</th><th>Enabled</th><th>Local Node</th><th>Local Port</th><th>Remote Node</th><th>Remote Port</th></tr></thead><tbody><tr><td>PMS</td><td></td><td>procr</td><td>0</td><td>terminalserver</td><td>5103</td></tr></tbody></table></div></div>	IP SERVICES						Service Type	Enabled	Local Node	Local Port	Remote Node	Remote Port	PMS		procr	0	terminalserver	5103
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7.	<p>Set <i>Message Waiting Configuration</i> to act-pms, <i>Controlled Restrictions Configuration</i> to act-pms, <i>Housekeeper Information Configuration</i> to act-pms, <i>PMS Endpoint</i> to PMS, <i>PMS Protocol Mode</i> to transparent, <i>Seconds before PMS Link Idle Timeout</i> to 20, <i>Milliseconds before PMS Link Acknowledgement Timeout</i> to 200, and <i>PMS Link Maximum Retransmission Requests</i> to 3 in page 1 of the change system-parameters hospitality form. Make a note of the values used for the <i>PMS Protocol Mode</i>, <i>Seconds before PMS Link Idle Timeout</i>, <i>Milliseconds before PMS Link Acknowledgement Timeout</i>, and <i>PMS Link Maximum Retransmission Requests</i> fields, as the values will be required during the PMS Simulator configuration.</p> <div><div><div>change system-parameters hospitality</div><div>Page1 of 3</div><div>HOSPITALITY<div><div>Message Waiting Configuration: act-pms</div><div>Controlled Restrictions Configuration: act-pms</div><div>Housekeeper Information Configuration: act-pms</div><div>Number of Housekeeper ID Digits: 0</div><div>PMS Log Endpoint:</div><div>Journal/Schedule Endpoint:</div><div>Client Room Coverage Path Configuration: act-nopms</div><div>Default Coverage Path for Client Rooms:</div><div>Forward PMS Messages to Intuity Lodging? n</div></div><div>PMS LINK PARAMETERS<div><div>PMS Endpoint: PMS</div><div>PMS Protocol Mode: transparent ASCII mode? n</div><div>Seconds before PMS Link Idle Timeout: 20</div><div>Milliseconds before PMS Link Acknowledgement Timeout: 200</div><div>PMS Link Maximum Retransmissions: 3</div><div>PMS Link Maximum Retransmission Requests: 3</div><div>Take Down Link for Lost Messages? Y</div></div></div></div></div></div>																		

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8.	<div><div>change dialplan analysis</div><div><div>Page1 of 12</div><div>DIAL PLAN ANALYSIS TABLE</div><div>Percent Full:3</div><table><tr><th>Dialed String</th><th>Total Length</th><th>Call Type</th><th>Dialed String</th><th>Total Length</th><th>Call Type</th><th>Dialed String</th><th>Total Length</th><th>Call Type</th></tr><tr><td>1</td><td>3</td><td>dac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>2</td><td>4</td><td>ext</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td>4</td><td>ext</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td>1</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td>1</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*2</td><td>2</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*3</td><td>2</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*40</td><td>3</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*41</td><td>3</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*42</td><td>3</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*50</td><td>3</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*51</td><td>3</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*52</td><td>3</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*6</td><td>2</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>*7</td><td>2</td><td>fac</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table></div></div>	Dialed String	Total Length	Call Type	Dialed String	Total Length	Call Type	Dialed String	Total Length	Call Type	1	3	dac							2	4	ext							6	4	ext							8	1	fac							9	1	fac							*2	2	fac							*3	2	fac							*40	3	fac							*41	3	fac							*42	3	fac							*50	3	fac							*51	3	fac							*52	3	fac							*6	2	fac							*7	2	fac						
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10.	<div><div>change feature-access-codes</div><div>FEATURE ACCESS CODE (FAC) Hospitality Features</div><div>Automatic Wakeup Call Access Code: *3 Housekeeping Status (Client Room) Access Code: *40 Housekeeping Status (Client Room) Access Code: *41 Housekeeping Status (Client Room) Access Code: *42 Housekeeping Status (Client Room) Access Code: Housekeeping Status (Client Room) Access Code: Housekeeping Status (Station) Access Code: *50 Housekeeping Status (Station) Access Code: *51 Housekeeping Status (Station) Access Code: *52 Housekeeping Status (Station) Access Code: Verify Wakeup Announcement Access Code: *6 Voice Do Not Disturb Access Code: *7</div></div> <div>Page 5 of 5</div>																																																																																																																																																																																																																																																																																
11.	<div><div>change system-parameters hospitality</div><div>ROOM STATES HOSPITALITY</div><div>Definition for Rooms in State 1: Ready for Inspection Definition for Rooms in State 2: Needs Cleaning Definition for Rooms in State 3: Housekeeper in Room Definition for Rooms in State 4: Rooms in state 4 Definition for Rooms in State 5: Rooms in state 5 Definition for Rooms in State 6: Rooms in state 6</div><div>HOSPITALITY FEATURES Suite Check-in? n</div></div> <div>Page 3 of 3</div>																																																																																																																																																																																																																																																																																
12.	<div><div>change cos</div><div>CLASS OF SERVICE</div><table><tr><td></td><td>0</td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td></tr><tr><td>Auto Callback</td><td>y</td><td>n</td><td>y</td><td>y</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Call Fwd-All Calls</td><td>y</td><td>n</td><td>y</td><td>y</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Data Privacy</td><td>n</td><td>y</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>y</td></tr><tr><td>Priority Calling</td><td>y</td><td>n</td><td>y</td><td>y</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Console Permissions</td><td>y</td><td>n</td><td>y</td><td>y</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Off-hook Alert</td><td>n</td><td>y</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Client Room</td><td>n</td><td>y</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Restrict Call Fwd-Off Net</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td><td>y</td></tr><tr><td>Call Forwarding Busy/DA</td><td>y</td><td>n</td><td>y</td><td>y</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Personal Station Access (PSA)</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Extended Forwarding All</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Extended Forwarding B/DA</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Trk-to-Trk Transfer Override</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>QSIG Call Offer Originations</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr><tr><td>Contact Closure Activation</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td><td>n</td></tr></table></div> <div>Page 1 of 1</div>		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Auto Callback	y	n	y	y	n	n	n	n	n	n	n	n	n	n	n	n	Call Fwd-All Calls	y	n	y	y	n	n	n	n	n	n	n	n	n	n	n	n	Data Privacy	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	y	Priority Calling	y	n	y	y	n	n	n	n	n	n	n	n	n	n	n	n	Console Permissions	y	n	y	y	n	n	n	n	n	n	n	n	n	n	n	n	Off-hook Alert	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	Client Room	n	y	n	n	n	n	n	n	n	n	n	n	n	n	n	n	Restrict Call Fwd-Off Net	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	y	Call Forwarding Busy/DA	y	n	y	y	n	n	n	n	n	n	n	n	n	n	n	n	Personal Station Access (PSA)	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	Extended Forwarding All	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	Extended Forwarding B/DA	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	Trk-to-Trk Transfer Override	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	QSIG Call Offer Originations	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	Contact Closure Activation	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n
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Step	Description
13.	<div> <div>change cor 1</div> <div>Page 1 of 4</div> <div>CLASS OF RESTRICTION</div> <div> COR Number: 1 COR Description: GUEST ROOMS </div> <div> <div> FRL: 7 Can Be Service Observed? n Can Be A Service Observer? n Partitioned Group Number: 1 Priority Queuing? n Restriction Override: all Restricted Call List? n </div> <div> APLT? y Calling Party Restriction: none Called Party Restriction: none Forced Entry of Account Codes? n Direct Agent Calling? n Facility Access Trunk Test? n Can Change Coverage? n </div> </div> <div> Access to MCT? y Group II Category For MFC: 7 Send ANI for MFE? n MF ANI Prefix: Hear System Music on Hold? y </div> <div> Fully Restricted Service? n Automatic Charge Display? n PASTE (Display PBX Data on Phone)? n Can Be Picked Up By Directed Call Pickup? n Can Use Directed Call Pickup? n Group Controlled Restriction: inactive </div> </div>
14.	<div> <div>change cor 2</div> <div>Page 1 of 4</div> <div>CLASS OF RESTRICTION</div> <div> COR Number: 2 COR Description: FRONT DESK, ATTENDANT, HOUSEKEEPING </div> <div> <div> FRL: 7 Can Be Service Observed? n Can Be A Service Observer? n Partitioned Group Number: 1 Priority Queuing? n Restriction Override: all Restricted Call List? n </div> <div> APLT? y Calling Party Restriction: none Called Party Restriction: none Forced Entry of Account Codes? n Direct Agent Calling? n Facility Access Trunk Test? n Can Change Coverage? n </div> </div> <div> Access to MCT? y Group II Category For MFC: 7 Send ANI for MFE? n MF ANI Prefix: Hear System Music on Hold? y </div> <div> Fully Restricted Service? n Automatic Charge Display? n PASTE (Display PBX Data on Phone)? n Can Be Picked Up By Directed Call Pickup? n Can Use Directed Call Pickup? n Group Controlled Restriction: inactive </div> </div>

Step	Description
15.	<div> <div>add attendant 1</div> <div>Page 1 of 4</div> <div>ATTENDANT CONSOLE 1</div> <div> <div>Type: console</div> <div>Extension: 2598</div> <div>Console Type: principal</div> <div>Port: 001V202</div> </div> <div> <div>Name: Attendant</div> <div>Group: 1</div> <div>TN: 1</div> <div>COR: 2</div> <div>COS: 0</div> </div> <div> <div>Auto Answer: none</div> <div>Data Module? n</div> <div>Disp Client Redir? y</div> <div>Display Language: english</div> <div>H.320 Conversion? n</div> </div> <div>DIRECT TRUNK GROUP SELECT BUTTON ASSIGNMENTS (Trunk Access Codes)</div> <div> <div>Local Remote</div> <div>Local Remote</div> <div>Local Remote</div> </div> <div> <div>1:</div> <div>2:</div> <div>3:</div> <div>4:</div> </div> <div> <div>5:</div> <div>6:</div> <div>7:</div> <div>8:</div> </div> <div> <div>9:</div> <div>10:</div> <div>11:</div> <div>12:</div> </div> <div>HUNDREDS SELECT BUTTON ASSIGNMENTS</div> <div> <div>1:</div> <div>2:</div> <div>3:</div> <div>4:</div> </div> <div> <div>5:</div> <div>6:</div> <div>7:</div> <div>8:</div> </div> <div> <div>9:</div> <div>10:</div> <div>11:</div> <div>12:</div> </div> <div> <div>13:</div> <div>14:</div> <div>15:</div> <div>16:</div> </div> <div> <div>17:</div> <div>18:</div> <div>19:</div> <div>20:</div> </div> </div>

Step	Description
17.	<div> <div>add attendant 2</div> <div>Page 1 of 4</div> <div>ATTENDANT CONSOLE 2</div> <div> <div>Type: 302</div> <div>Extension: 2597</div> <div>Console Type: day/night</div> <div>Port: ip</div> <div>Security Code:</div> </div> <div> <div>Name: Front Desk</div> <div>Group: 1</div> <div>TN: 1</div> <div>COR: 2</div> <div>COS: 1</div> </div> <div> <div>Auto Answer: none</div> <div>Data Module? n</div> <div>Disp Client Redir? n</div> <div>Display Language: english</div> <div>H.320 Conversion? n</div> </div> <div>DIRECT TRUNK GROUP SELECT BUTTON ASSIGNMENTS (Trunk Access Codes)</div> <div> <div>Local Remote</div> <div>Local Remote</div> <div>Local Remote</div> </div> <div> <div>1:</div> <div>2:</div> <div>3:</div> <div>4:</div> <div>5:</div> <div>6:</div> <div>7:</div> <div>8:</div> <div>9:</div> <div>10:</div> <div>11:</div> <div>12:</div> </div> <div>HUNDREDS SELECT BUTTON ASSIGNMENTS</div> <div> <div>1: 25</div> <div>2: 26</div> <div>3: 27</div> <div>4: 28</div> <div>5: 29</div> <div>6:</div> <div>7:</div> <div>8:</div> <div>9:</div> <div>10:</div> <div>11:</div> <div>12:</div> <div>13:</div> <div>14:</div> <div>15:</div> <div>16:</div> <div>17:</div> <div>18:</div> <div>19:</div> <div>20:</div> </div> </div>

Step	Description
19.	<div> <div>change system-parameters features</div> <div>Page 2 of 14</div> <div> FEATURE-RELATED SYSTEM PARAMETERS LEAVE WORD CALLING PARAMETERS Maximum Number of Messages Per Station: 10 Maximum Number of External Calls Logged Per Station: 0 Message Waiting Indication for External Calls? n Stations with System-wide Retrieval Permission (enter extension) 1: 2598 3: 5: 7: 9: 2: 2597 4: 6: 8: 10: TTI/PSA PARAMETERS MOVED TO PAGE 3 Prohibit Bridging Onto Calls With Data Privacy? n Enhanced Abbreviated Dial Length (3 or 4): 3 Record All Submission Failures in History Log? y Record PMS/AD Transactions in History Log? n Record IP Registrations in History Log? n </div> </div>
20.	<div> <div>add station 2500</div> <div>Page 1 of 5</div> <div> STATION Extension: 2500 Lock Messages? n BCC: 0 Type: 6416D+ Security Code: TN: 1 Port: 001V203 Coverage Path 1: COR: 1 Name: Coverage Path 2: COS: 1 Hunt-to Station: STATION OPTIONS Loss Group: 2 Personalized Ringing Pattern: 1 Data Option: none Message Lamp Ext: 2500 Speakerphone: 2-way Mute Button Enabled? y Display Language: english Expansion Module? n Media Complex Ext: IP SoftPhone? n </div> </div>
21.	<div> <div>add station 2520</div> <div>Page 1 of 5</div> <div> STATION Extension: 2520 Lock Messages? n BCC: 0 Type: 4624 Security Code: TN: 1 Port: IP Coverage Path 1: COR: 1 Name: Coverage Path 2: COS: 1 Hunt-to Station: STATION OPTIONS Loss Group: 19 Personalized Ringing Pattern: 1 Speakerphone: 2-way Message Lamp Ext: 2520 Display Language: english Mute Button Enabled? y Expansion Module? n Survivable GK Node Name: Media Complex Ext: IP SoftPhone? n </div> </div>

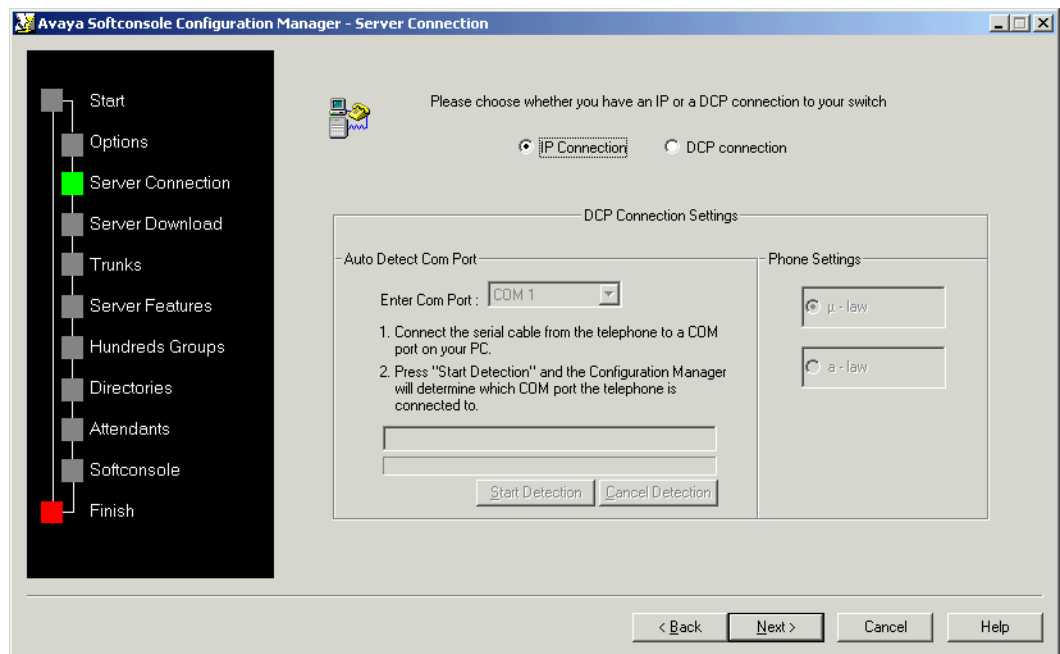
Step	Description
22.	Repeat step 20 for guest room stations 2502, 2505, and 2510 and repeat step 21 for guest room station 2530.
23.	<pre> add station 2599 Page 1 of 5 STATION Extension: 2599 Lock Messages? n BCC: 0 Type: 4624 Security Code: TN: 1 Port: IP Coverage Path 1: COR: 1 Name: STAFF Coverage Path 2: COS: 2 Hunt-to Station: STATION OPTIONS Loss Group: 19 Personalized Ringing Pattern: 1 Message Lamp Ext: 2599 Speakerphone: 2-way Mute Button Enabled? y Display Language: english Expansion Module? n Survivable GK Node Name: Media Complex Ext: IP SoftPhone? n </pre>
24.	<pre> change media-gateway 1 Page 1 of 1 MEDIA GATEWAY Number: 1 IP Address: 10 .1 .1 .131 Type: g700 FW Version/HW Vintage: 22 .16 .0 /0 Name: G700GW MAC Address: 00:04:0d:02:08:75 Serial No: 02DR06751838 Encrypt Link? n Network Region: 1 Location: 1 Registered? y Controller IP Address: 10 .1 .1 .140 Site Data: Slot Module Type Name V1: S8300 ICC MM V2: MM712 DCP MM V3: MM710 DS1 MM V4: MM711 ANA MM V8: V9: gateway-announcements ANN VMM Announcement board must also be enabled; use 'enable announcement-board' </pre>
25.	Enable the announcement board by typing enable announcement-board 1v9 from the SAT.

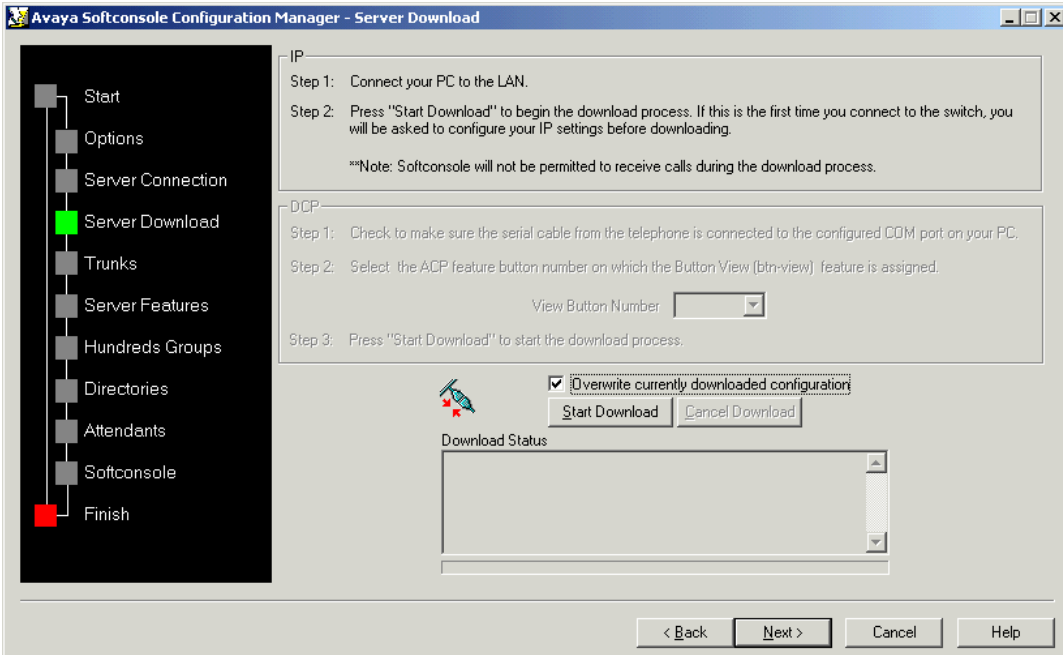
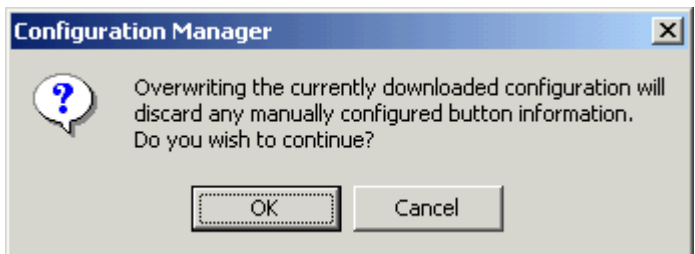
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26.	<div><div>change announcements</div><div>ANNOUNCEMENTS/AUDIO SOURCES</div><div>Page 1 of 16</div><table><tr><th>Ann. No.</th><th>Ext.</th><th>Type</th><th>COR</th><th>TN</th><th>Name</th><th>Q</th><th>QLen</th><th>Pr</th><th>Rt</th><th>Port</th></tr><tr><td>1</td><td>2999</td><td>integrated</td><td>1</td><td>1</td><td>Wakeup</td><td>n</td><td>NA</td><td>n</td><td>64</td><td>001V9</td></tr><tr><td>2</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>3</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>4</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>5</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>6</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>12</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>14</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>15</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr><tr><td>16</td><td></td><td></td><td>1</td><td>1</td><td></td><td>n</td><td></td><td></td><td></td><td></td></tr></table></div>	Ann. No.	Ext.	Type	COR	TN	Name	Q	QLen	Pr	Rt	Port	1	2999	integrated	1	1	Wakeup	n	NA	n	64	001V9	2			1	1		n					3			1	1		n					4			1	1		n					5			1	1		n					6			1	1		n					7			1	1		n					8			1	1		n					9			1	1		n					10			1	1		n					11			1	1		n					12			1	1		n					13			1	1		n					14			1	1		n					15			1	1		n					16			1	1		n				
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27.	<div><div>change system-parameters hospitality</div><div>HOSPITALITY</div><div>Page 2 of 3</div><div>Dual Wakeups? n Daily Wakeup? n VIP Wakeup? n Room Activated Wakeup With Tones? n Time of Scheduled Wakeup Activity Report: Time of Scheduled Wakeup Summary Report: Time of Scheduled Emergency Access Summary Report: Announcement Type: integrated Integrated Announcement Extension: 2999 Length of Time to Remain Connected to Announcement: 30 Extension to Receive Failed Wakeup LWC Messages: Routing Extension on Unavailable Voice Synthesis: Display Room Information in Call Display? y Automatic Selection of DID Numbers? n Custom Selection of VIP DID Numbers? n Number of Digits from PMS: PMS Sends Prefix? n Number of Digits in PMS Coverage Path: 3 Digit to Insert/Delete:</div></div>																																																																																																																																																																																											

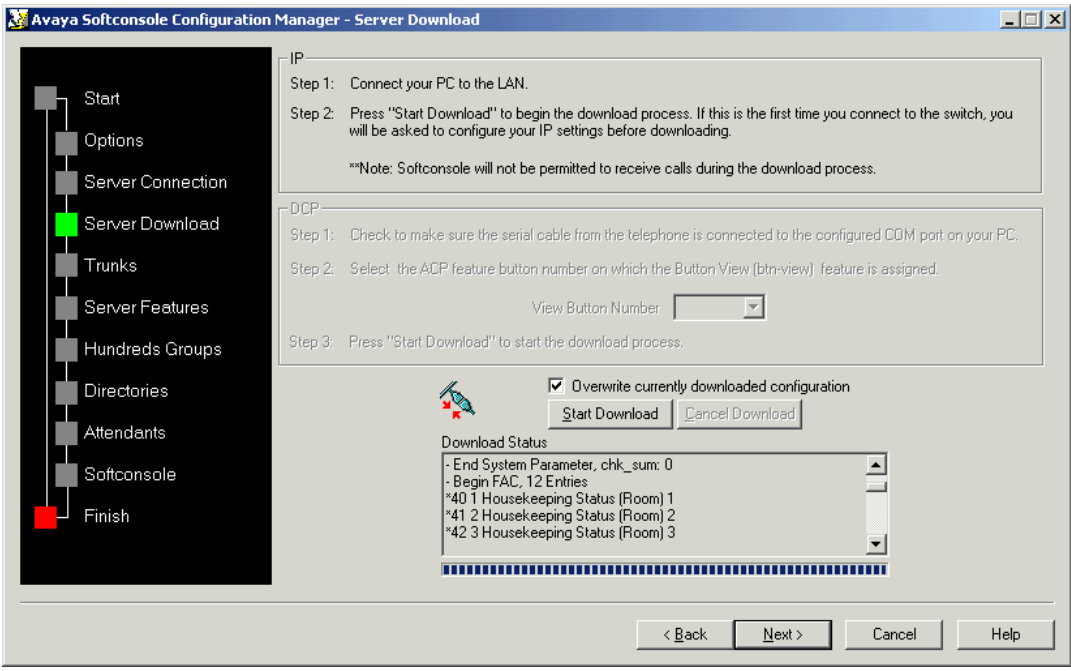
4. Configure the Avaya Softconsole

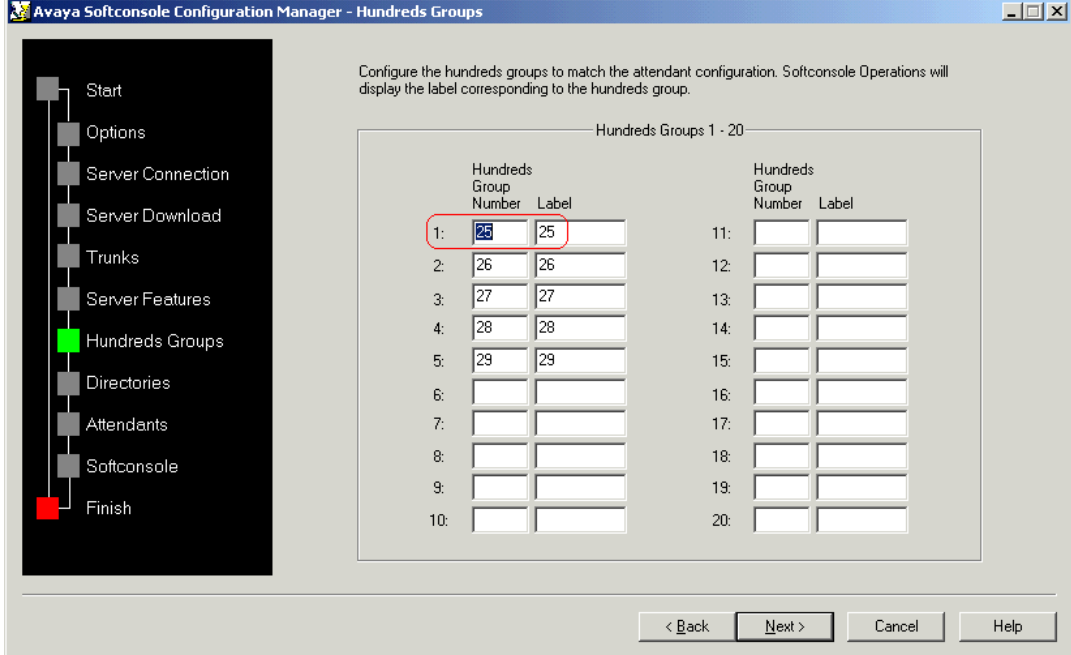
This section provides instructions for configuring the Avaya Softconsole for use in the reference configuration. Please refer to the Avaya Softconsole Installation and Implementation Guide for all other information relating to Avaya Softconsole.

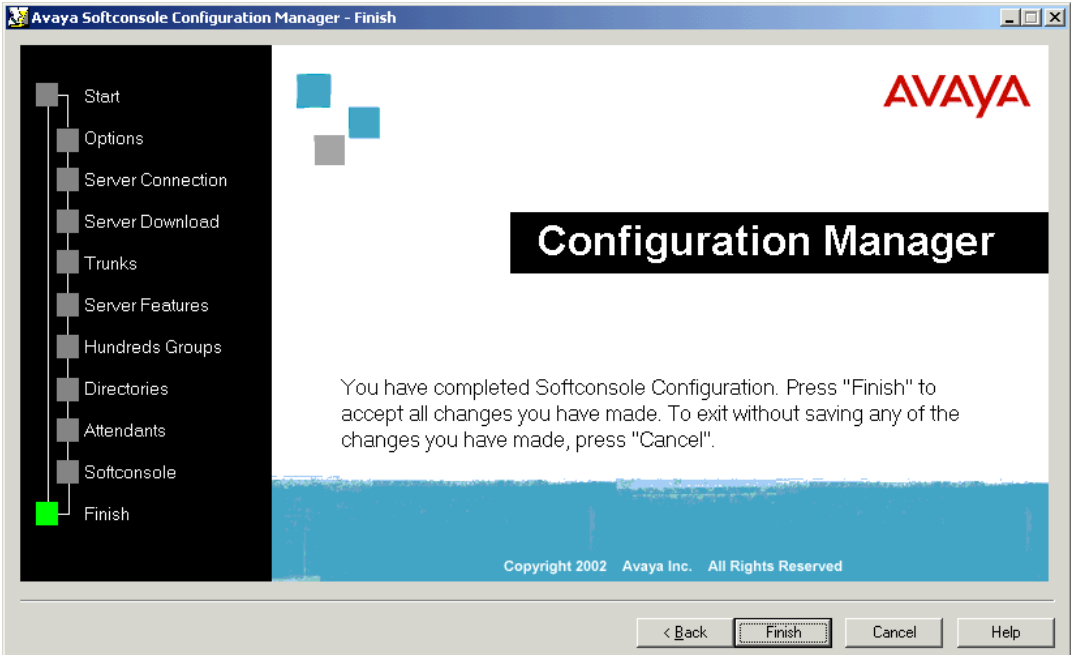
Step	Description
1.	Log into the Softconsole PC using administrative privileges.
Configure the Avaya Softconsole	
2.	Go to Start → Programs → Avaya → Avaya Softconsole → Configuration Manager to launch the Avaya Softconsole Configuration Manager.
3.	In the Softconsole Configuration Manager Login window that appears, enter the password defined for the Configuration Manager during Avaya Softconsole installation and click OK .
4.	In the Avaya Softconsole Configuration Manager – Start window that appears, click Next .
5.	In the Avaya Softconsole Configuration Manager – Options window that appears, click Next .
6.	In the Avaya Softconsole Configuration Manager – Server Connection window that appears, select IP Connection and click Next .

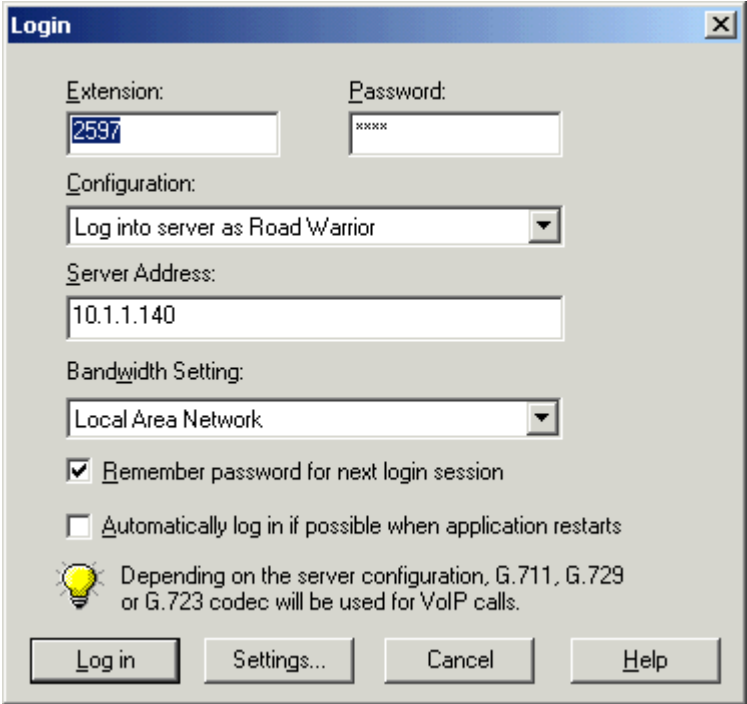


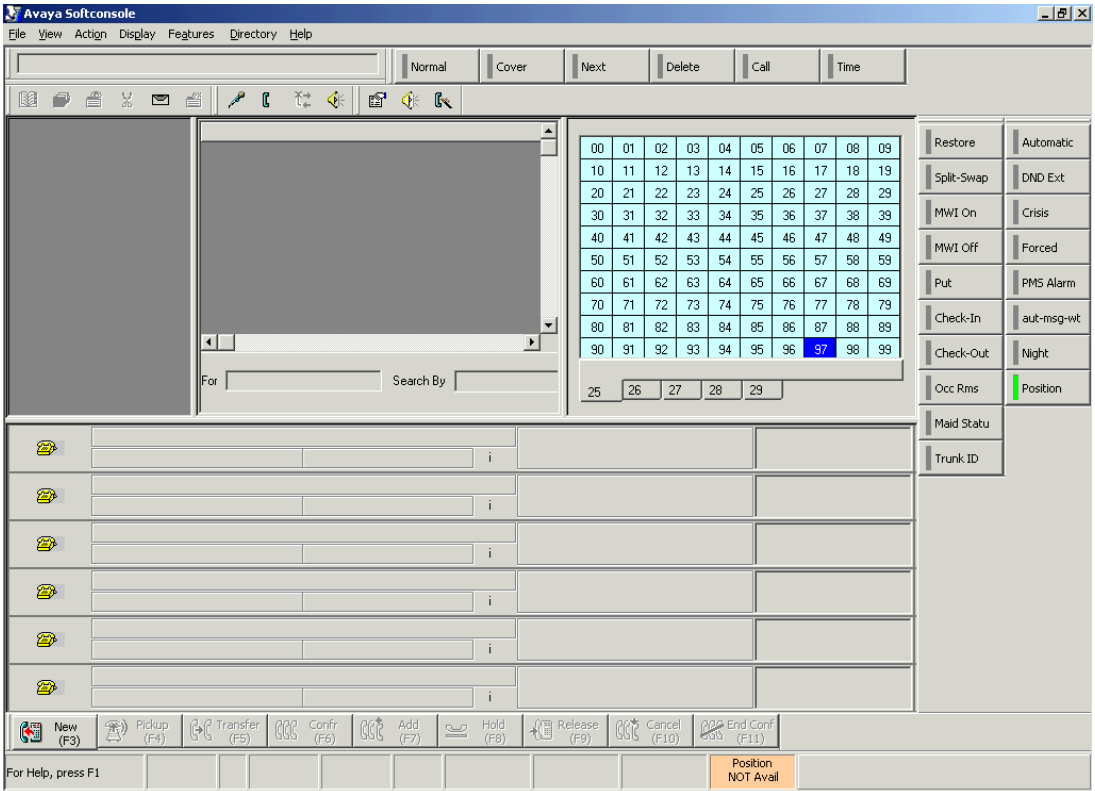
Step	Description
7.	<p>In the Avaya Softconsole Configuration Manager – Server Download window that appears, click Start Download and click Next.</p> 
8.	<p>If the following Configuration Manager popup appears, click OK if appropriate.</p> 

Step	Description
9.	<p>Once the Server Download is complete, click Next.</p>  <p>The screenshot shows the 'Avaya Softconsole Configuration Manager - Server Download' window. On the left is a navigation tree with the following items: Start, Options, Server Connection, Server Download (highlighted in green), Trunks, Server Features, Hundreds Groups, Directories, Attendants, Softconsole, and Finish. The main content area is divided into two sections: 'IP' and 'DCP'. The 'IP' section has two steps: Step 1: Connect your PC to the LAN. Step 2: Press "Start Download" to begin the download process. If this is the first time you connect to the switch, you will be asked to configure your IP settings before downloading. A note below states: "**Note: Softconsole will not be permitted to receive calls during the download process." The 'DCP' section has three steps: Step 1: Check to make sure the serial cable from the telephone is connected to the configured COM port on your PC. Step 2: Select the ACP feature button number on which the Button View (btn-view) feature is assigned. Below this is a 'View Button Number' dropdown menu. Step 3: Press "Start Download" to start the download process. At the bottom of the main area, there is a checkbox labeled 'Overwrite currently downloaded configuration' which is checked, and two buttons: 'Start Download' and 'Cancel Download'. Below these is a 'Download Status' list box containing the following text: '- End System Parameter, chk_sum: 0', '- Begin FAC, 12 Entries', '*40 1 Housekeeping Status (Room) 1', '*41 2 Housekeeping Status (Room) 2', and '*42 3 Housekeeping Status (Room) 3'. At the very bottom of the window are four buttons: '< Back', 'Next >', 'Cancel', and 'Help'.</p>
10.	<p>In the Avaya Softconsole Configuration Manager – Trunks window that appears, click Next.</p>
11.	<p>In the Avaya Softconsole Configuration Manager – Server Features window that appears, click Next.</p>

Step	Description
12.	<p>In the Avaya Softconsole Configuration Manager – Hundreds Groups window that appears set <i>Hundreds Group Number</i> to the values set in Section 3, step 18, i.e., 25, 26, 27, 28, 29 and click Next.</p> 
13.	<p>In the Avaya Softconsole Configuration Manager – Directories window that appears, click Next.</p>
14.	<p>In the Avaya Softconsole Configuration Manager – Attendants window that appears, click Next.</p>
15.	<p>In the Avaya Softconsole Configuration Manager – Softconsole window that appears, click Next.</p>

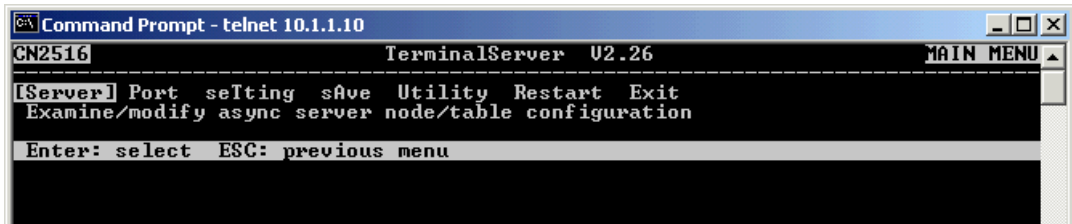
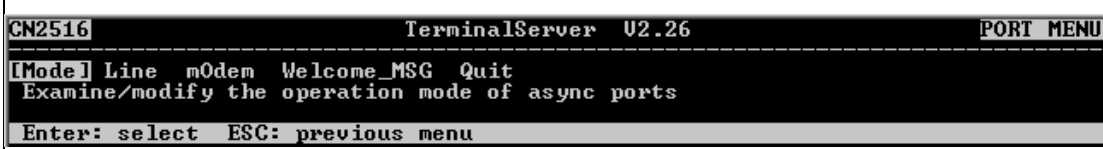
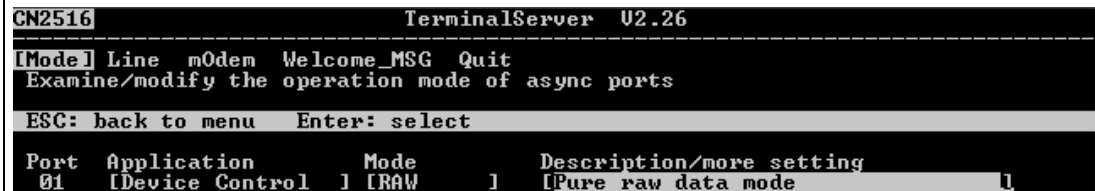
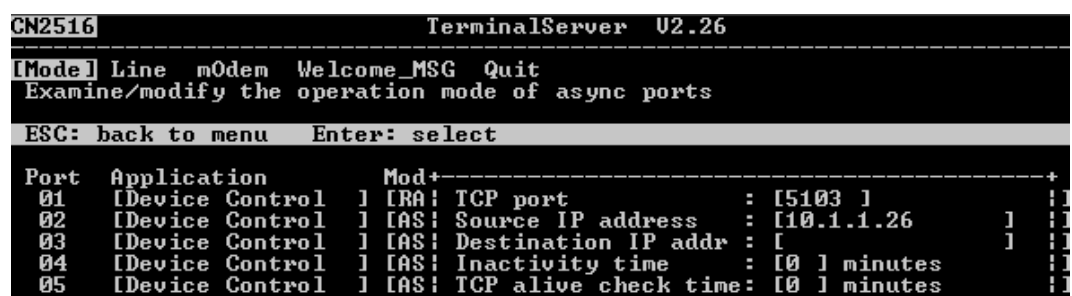
Step	Description
16.	<p>In the Avaya Softconsole Configuration Manager – Finish window that appears, click Finish.</p> 

Step	Description
	Launch Avaya Softconsole
17.	Go to Start → Programs → Avaya → Avaya Softconsole → Avaya Softconsole to launch Avaya Softconsole.
18.	<p>In the Login window that appears, set <i>Extension</i> to 2597, <i>Password</i> to the password defined for the attendant console, <i>Configuration</i> to Log into server as Road Warrior, <i>Server Address</i> to 10.1.1.140, <i>Bandwidth Setting</i> to Local Area Network and click Log in.</p> 

Step	Description
19.	<p>The Avaya Softconsole window appears as follows.</p> 

5. Configure the Terminal Server

This section provides instructions for setting up the terminal server.

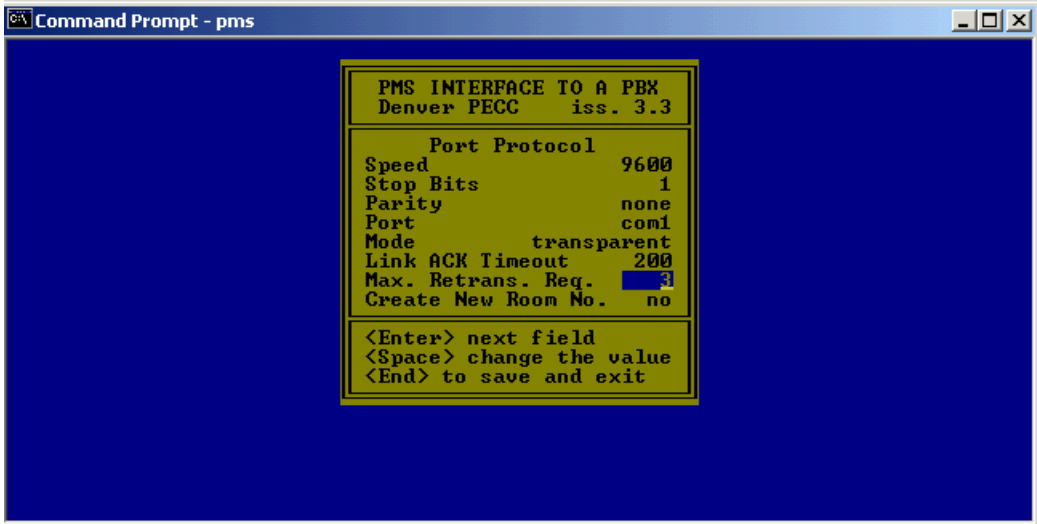
Step	Description																																				
1.	<p>Telnet to the Async CN2516 terminal server and log in using the appropriate administrative credentials. In the MAIN MENU that appears, tab to Port and press Enter.</p> 																																				
2.	<p>In the PORT MENU that appears, select Mode and press Enter.</p> 																																				
3.	<p>In the Mode sub-menu that appears, set <i>Application</i> to Device Control and <i>Mode</i> to RAW for Port 01. Next, tab to the <i>Description/more setting</i> field for Port 01 and press Enter.</p>  <table><tr><th>Port</th><th>Application</th><th>Mode</th><th>Description/more setting</th></tr><tr><td>01</td><td>[Device Control]</td><td>[RAW]</td><td>[Pure raw data mode]</td></tr></table>	Port	Application	Mode	Description/more setting	01	[Device Control]	[RAW]	[Pure raw data mode]																												
Port	Application	Mode	Description/more setting																																		
01	[Device Control]	[RAW]	[Pure raw data mode]																																		
4.	<p>In the Description/more setting sub-menu that appears, set <i>TCP port</i> to the value set for the port in Section 3, step 6, 5103, <i>Source IP address</i> to the value set for the port in Section 3, step 5, 10.1.1.26, press ESC to exit the Description/more setting sub-menu, and press ESC to exit the Mode sub-menu.</p>  <table><tr><th>Port</th><th>Application</th><th>Mod</th><th>+</th><th>-----</th><th>+</th></tr><tr><td>01</td><td>[Device Control]</td><td>[RA</td><td>TCP port</td><td>:</td><td>[5103]</td></tr><tr><td>02</td><td>[Device Control]</td><td>[AS</td><td>Source IP address</td><td>:</td><td>[10.1.1.26]</td></tr><tr><td>03</td><td>[Device Control]</td><td>[AS</td><td>Destination IP addr</td><td>:</td><td>[]</td></tr><tr><td>04</td><td>[Device Control]</td><td>[AS</td><td>Inactivity time</td><td>:</td><td>[0] minutes</td></tr><tr><td>05</td><td>[Device Control]</td><td>[AS</td><td>TCP alive check time</td><td>:</td><td>[0] minutes</td></tr></table>	Port	Application	Mod	+	-----	+	01	[Device Control]	[RA	TCP port	:	[5103]	02	[Device Control]	[AS	Source IP address	:	[10.1.1.26]	03	[Device Control]	[AS	Destination IP addr	:	[]	04	[Device Control]	[AS	Inactivity time	:	[0] minutes	05	[Device Control]	[AS	TCP alive check time	:	[0] minutes
Port	Application	Mod	+	-----	+																																
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03	[Device Control]	[AS	Destination IP addr	:	[]																																
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05	[Device Control]	[AS	TCP alive check time	:	[0] minutes																																

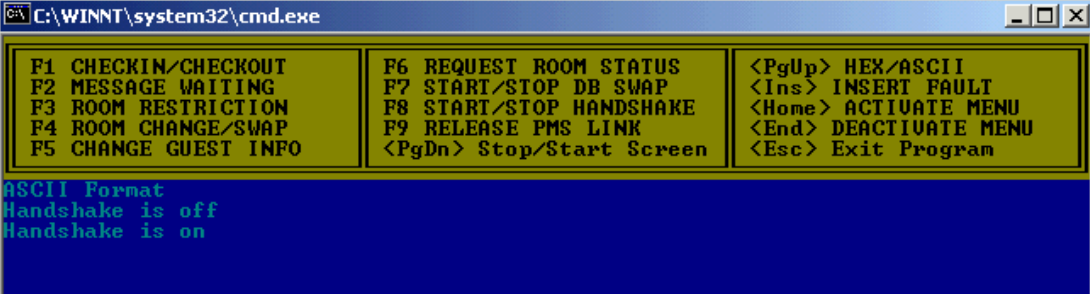
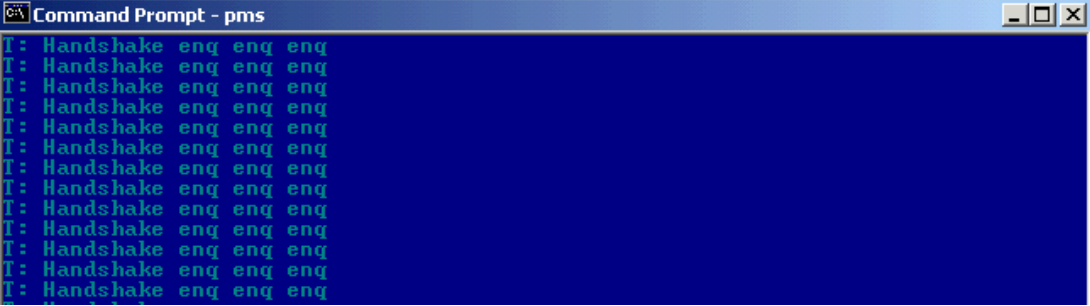
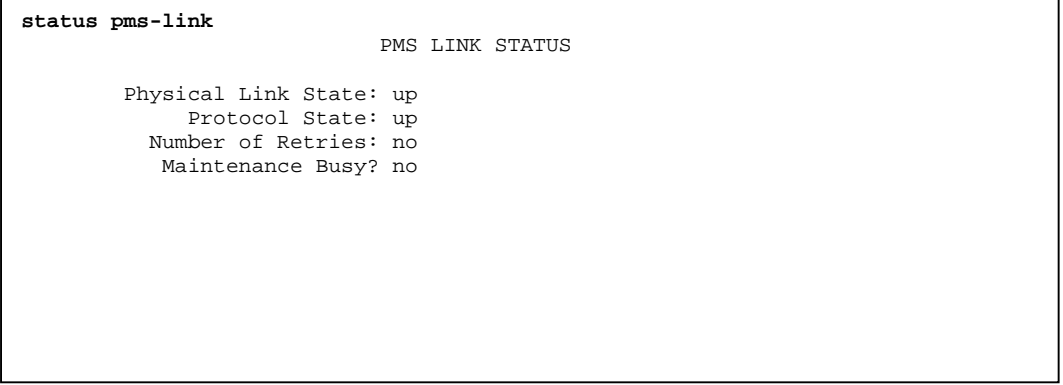
Step	Description
5.	<p>In the PORT MENU that appears, select Line and press Enter.</p> <pre> CN2516 TerminalServer U2.26 PORT MENU ----- [Mode] Line m0dem Welcome_MSG Quit Examine/modify the operation mode of async ports Enter: select ESC: previous menu </pre>
6.	<p>In the Line sub-menu that appears, set <i>Speed</i> to 9600, <i>Bits</i> to 8, <i>Stop</i> to 1, <i>Parity</i> to none, <i>FIFO</i> to yes, <i>RTS/CTS</i> to no, <i>XON/XOFF</i> to no, <i>Discon. ctrl</i> to DSR-off and press ESC to exit the Line sub-menu.</p> <pre> CN2516 TerminalServer U2.26 ----- Mode [Line] m0dem Welcome_MSG Quit Examine/modify asynchronous port configuration ESC: back to menu Enter: select Port Speed Bits Stop Parity FIFO RTS/CTS XON/XOFF Discon. ctrl 01 [9600] [8] [1] [none] [yes] [no] [no] [DSR-off] </pre>
7.	<p>In the PORT MENU that appears, press ESC to return to the MAIN MENU.</p> <pre> CN2516 TerminalServer U2.26 PORT MENU ----- [Mode] Line m0dem Welcome_MSG Quit Examine/modify the operation mode of async ports Enter: select ESC: previous menu </pre>
8.	<p>In the MAIN MENU that appears, select sAve to save the configuration, then Restart to restart the terminal server. This completes configuration of the terminal server.</p> <pre> CN2516 TerminalServer U2.26 MAIN MENU ----- Server [Port] selTing sAve Utility Restart Exit Examine/modify async server ports configuration_ Enter: select ESC: previous menu </pre>

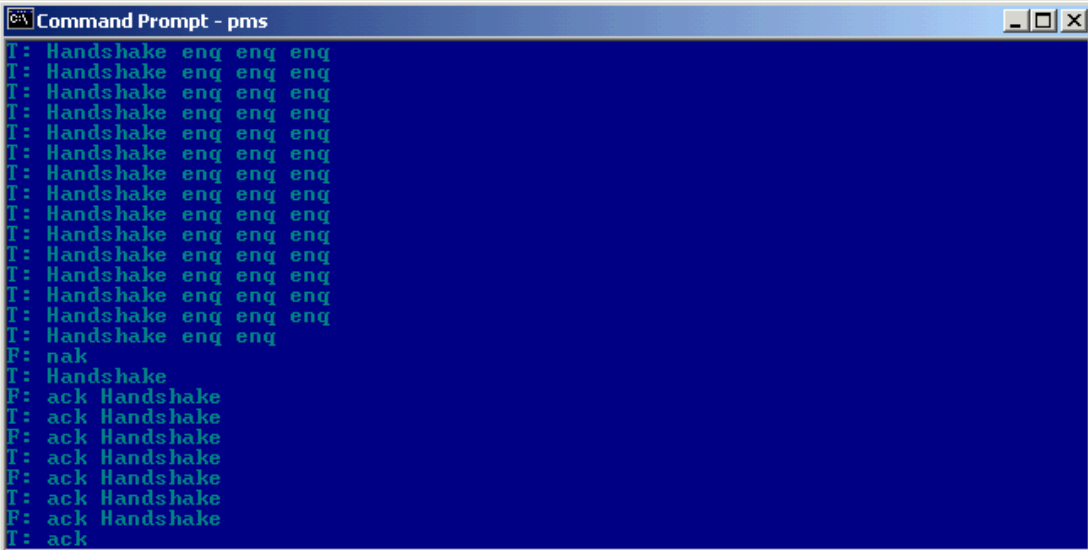
6. Bring up the PMS Data Link

This section provides instructions for bringing up the PMS data link to Avaya Communication Manager through the PC communications port connected to Port 01 of the terminal server, assuming the user has access to either a PMS or a PMS Simulator.

Step	Description
1.	Log into the PMS simulator PC using administrative privileges.
2.	Go to Start → Run . In the Run window that appears, type cmd and click OK .
3.	In the Command Prompt window that appears, change directory to the directory containing the PMS simulator program, e.g., cd \pms .
	Configure Port Protocols settings for PMS simulator
4.	In the PMS simulator program directory, launch the PMS simulator, e.g., type pms at the prompt

Step	Description
5.	<p>In the command prompt window that appears with the PMS simulator Port Protocol settings, set <i>Speed</i> to 9600, <i>Stop Bits</i> to 1, <i>Parity</i> to none, <i>Port</i> to the communications port being used, e.g., com1, <i>Mode</i> to transparent, <i>Link ACK Timeout</i> to 200, <i>Max. Retrans. Req.</i> to 3, and press End to save and exit from the Port Protocols settings screen.</p>  <p>NOTE: The settings for <i>Mode</i>, <i>Link ACK Timeout</i>, and <i>Max. Retrans. Req.</i> must match the settings defined in Avaya Communication Manager's change system-parameters hospitality form in Section 3, step 7.</p>
Bring up the PMS data link on the PMS simulator	
6.	<p>The command prompt window will next display a table of supported PMS simulator commands. Under the table of commands, the window will display 'Handshake is off', press F8 to start handshaking.</p> 

Step	Description
7.	<p>After the message ‘Handshake is on’ appears, press PgDn to begin displaying messages to the window.</p> 
8.	<p>The PMS simulator will then display “T: Handshake enq enq enq” while it waits for the PMS data link to be started on Avaya Communication Manager. Leave this command prompt window up to monitor events.</p> 
Determine the PMS data link status on Avaya Communication Manager	
9.	<p>From the SAT command line, type status pms-link to determine the status of the PMS data link on Avaya Communication Manager.</p> 

Step	Description
	Bring up the PMS data link on Avaya Communication Manager, if necessary
10.	<p>If the PMS link is down, type release pms-link to bring up the PMS data link.</p> <div> <pre> release pms-link COMMAND RESULTS Port Maintenance Name Alt. Name Result Error Code PMS-LINK PASS Command successfully completed </pre> </div>
	Verify the PMS data link is up on the PMS simulator
11.	<p>From the PMS simulator command prompt window verify the “T: Handshake enq enq enq” messages are replaced with “T: ack Handshake” messages once the PMS data link comes up between the PMS simulator and Avaya Communication Manager.</p> <div>  </div>

Step	Description
	Verify the PMS data link is up on Avaya Communication Manager
12.	<p>From the SAT command line, type status pms-link to verify the PMS data link is up on Avaya Communication Manager.</p> <pre> status pms-link PMS LINK STATUS Physical Link State: up Protocol State: up Number of Retries: no Maintenance Busy? no </pre>

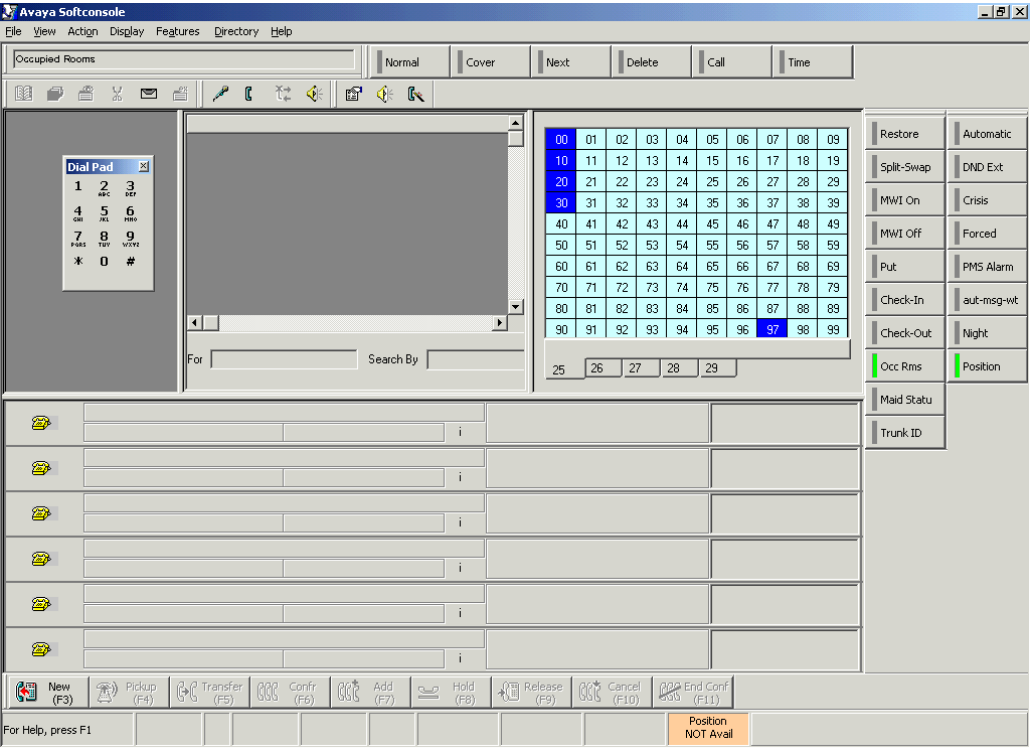
7. Verification Steps

The following steps can be used to verify system operation after a field installation:

- Verify the Offer Category, Hospitality options, node names, IP services and PMS link parameters are set in Avaya Communication Manager (see Section 3).
- Verify the TCP port and IP address of the Terminal Server port connected to the PMS simulator PC matches the port and IP address defined in Avaya Communication Manager (see section 5).
- Verify the PMS Port protocol settings defined in the PMS Simulator matches the settings defined in Avaya Communication Manager (see section 6).
- Bring up the PMS data link on Avaya Communication Manager and the PMS Simulator PC and verify the link is up (see Section 6).
- Perform a room check-in using the PMS Simulator and verify the room extension status information is updated accordingly.

Steps	Description
1.	<p>From the SAT, verify the room with extension 2500 is vacant. Verify <i>User Cntrl Restr</i> is set to outward (e.g., outward calls are restricted) and <i>Room Status</i> is set to vacant in the status station 2500 form.</p> <div data-bbox="290 411 1409 963" data-label="Form"> <pre> status station 2500 GENERAL STATUS Administered Type: 6416D+ Service State: in-service/on-hook Connected Type: 6416D+ Parameter Download: complete Extension: 2500 SAC Activated? no Port: 001V203 User Cntrl Restr: outward Call Parked? no Group Cntrl Restr: none Ring Cut Off Act? no CF Destination Ext: Active Coverage Option: 1 EC500 Status: N/A Off-PBX Service State: N/A Message Waiting: Connected Ports: HOSPITALITY STATUS Awaken at: User DND: not activated Group DND: not activated Room Status: vacant </pre> </div>
2.	<p>From the PMS Simulator, check-in guest John Doe into room with extension 2500.</p> <div data-bbox="290 1075 1435 1642" data-label="Image"> <p>The screenshot shows a Windows Command Prompt window titled "Command Prompt - pms". It displays a menu of function keys (F1-F9) and their corresponding actions, such as F1 for CHECKIN/CHECKOUT and F6 for REQUEST ROOM STATUS. Below the menu, the user interacts with the system by entering room number 2500, coverage path 2, and guest name John Doe. The system confirms the check-in with the message: "T: ack Checkin, Room=2500, Cover path=Default, Name=John Doe".</p> </div>

Steps	Description																																																																																																																								
3.	<div>From the SAT, verify the room with extension 2500 is now occupied. Verify <i>User Cntrl Restr</i> is set to none (e.g., no outward call restrictions) and <i>Room Status</i> is set to occupied in the status station 2500 form.</div> <div><div><div>status station 2500<div>Page1 of 5</div></div><div><div>GENERAL STATUS</div><div><div>Administered Type: 6416D+Service State: in-service/on-hook</div><div>Connected Type: 6416D+Parameter Download: complete</div><div>Extension: 2500SAC Activated? no</div><div>Port: 001V203User Cntrl Restr: none</div><div>Call Parked? noGroup Cntrl Restr: none</div><div>Ring Cut Off Act? noCF Destination Ext:</div><div>Active Coverage Option: 1</div></div><div><div>EC500 Status: N/AOff-PBX Service State: N/A</div><div>Message Waiting:</div><div>Connected Ports:</div></div></div><div><div>HOSPITALITY STATUS</div><div>Awaken at:</div><div>User DND: not activated</div><div>Group DND: not activated</div><div>Room Status: occupied</div></div></div></div>																																																																																																																								
4.	<div>From the SAT, verify the name of the person registered for extension 2500, John Doe, appears in the list station form.</div> <div><div><div>list station<div>Page1</div></div><div><div>STATIONS</div><table><tr><th>Ext</th><th>Port/ Type</th><th>Name/ Hunt-to</th><th>Move</th><th>Room/ Data Ext</th><th>Cv1/ Cv2</th><th>COR/ COS</th><th>Cable/ Jack</th></tr><tr><td>2500</td><td>001V203</td><td>John Doe</td><td></td><td></td><td></td><td>1</td><td></td></tr><tr><td></td><td>6416D+</td><td></td><td>no</td><td></td><td></td><td>1</td><td></td></tr><tr><td>2501</td><td>001V201</td><td></td><td></td><td></td><td></td><td>1</td><td></td></tr><tr><td></td><td>6416D+</td><td></td><td>no</td><td></td><td></td><td>1</td><td></td></tr><tr><td>2502</td><td>001V206</td><td></td><td></td><td></td><td></td><td>1</td><td></td></tr><tr><td></td><td>6416D+</td><td></td><td>no</td><td></td><td></td><td>1</td><td></td></tr><tr><td>2503</td><td>001V207</td><td></td><td></td><td></td><td></td><td>1</td><td></td></tr><tr><td></td><td>6416D+</td><td></td><td>no</td><td></td><td></td><td>1</td><td></td></tr><tr><td>2504</td><td>001V208</td><td></td><td></td><td></td><td></td><td>1</td><td></td></tr><tr><td></td><td>6416D+</td><td></td><td>no</td><td></td><td></td><td>1</td><td></td></tr><tr><td>2505</td><td>001V205</td><td></td><td></td><td></td><td></td><td>1</td><td></td></tr><tr><td></td><td>6416D+</td><td></td><td>no</td><td></td><td></td><td>1</td><td></td></tr><tr><td>2510</td><td>001V204</td><td></td><td></td><td></td><td></td><td>1</td><td></td></tr><tr><td></td><td>6416D+</td><td></td><td>no</td><td></td><td></td><td>1</td><td></td></tr></table></div></div></div>	Ext	Port/ Type	Name/ Hunt-to	Move	Room/ Data Ext	Cv1/ Cv2	COR/ COS	Cable/ Jack	2500	001V203	John Doe				1			6416D+		no			1		2501	001V201					1			6416D+		no			1		2502	001V206					1			6416D+		no			1		2503	001V207					1			6416D+		no			1		2504	001V208					1			6416D+		no			1		2505	001V205					1			6416D+		no			1		2510	001V204					1			6416D+		no			1	
Ext	Port/ Type	Name/ Hunt-to	Move	Room/ Data Ext	Cv1/ Cv2	COR/ COS	Cable/ Jack																																																																																																																		
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Steps	Description
5.	<p>From the Avaya Softconsole, verify the room is occupied by pressing the Occ Rms button and verifying the cell representing extension 2500, position 00 in tab 25, turns blue.</p> 

8. Conclusion

Following these steps will result in a successful implementation of the PMS data link on Avaya Communication Manager S8300 Media Server with G700 Media Gateway.

9. References

Avaya product information and similar Application Notes can be found at www.avaya.com.

1. Avaya GuestWorks® and DEFINITY® Systems Technician Handbook for Hospitality Installations, Issue 2, December 2001, 555-231-743
2. Avaya Softconsole Release 1.5 Installation and Implementation Guide, Issue 3, April 2005, 555-233-131

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