

Avaya Distributed Office Local Manager User Reference

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Release 4.0

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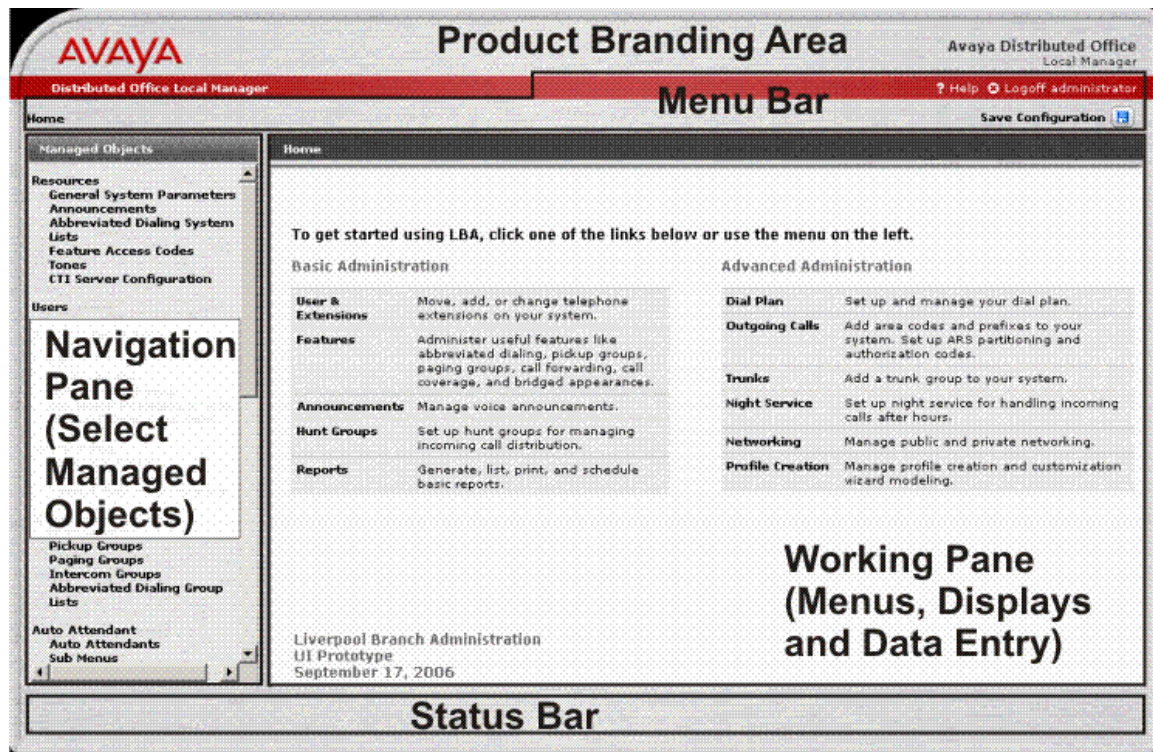
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Introduction to Distributed Office Local Manager

Local Branch Administration

Main Screen

The main screen displays when the system starts, and whenever the user clicks **Home** in the menu bar.

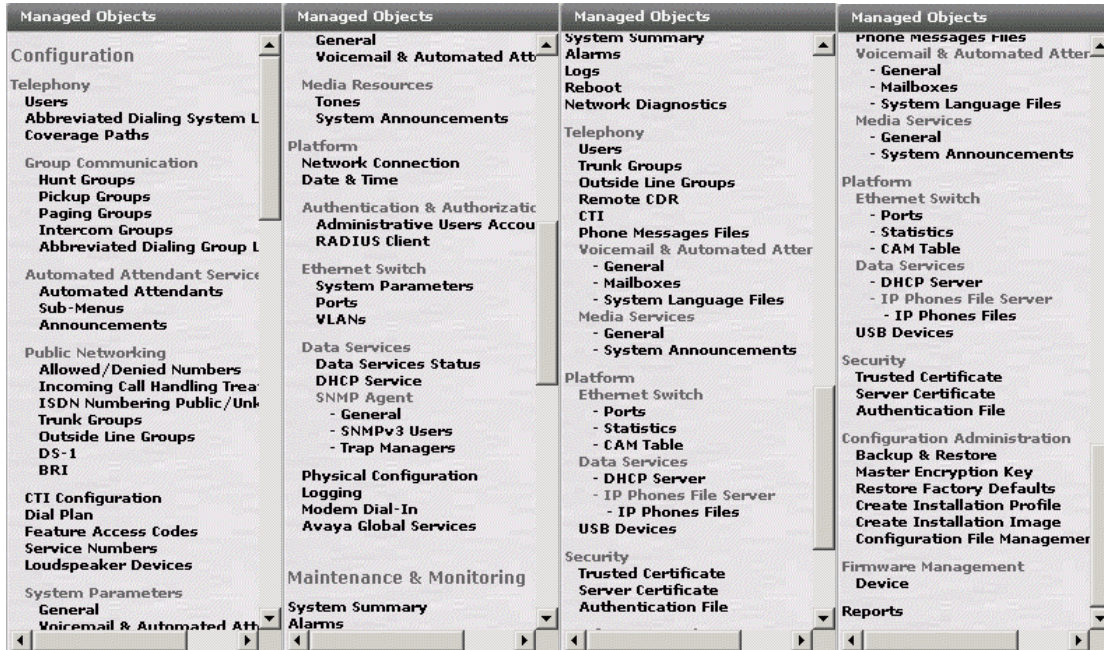


The main screen has five areas:

- **Product Branding Area:** Identifies the Avaya software product.
- **Menu Bar:** Provides special links.
 - **Home** — Returns to this screen.
 - **Save Configuration** — Saves the configuration after all changes have been made.
 - **Help** — Opens this help system.
 - **Logoff** — Exits the Avaya Distributed Office Local Manager.
- **Navigation Pane:** Provides links to processing screens for each type of managed object.
- **Working Pane:** Displays menus and lists. Collects data for adding and editing managed objects.
- **Status Bar:** Displays the status of the current operation.

Navigation Pane

The Navigation Pane on the left contains a list of links to the screens for managed objects. It contains the following links:



- Configuration
 - Telephony
 - ◎ [Users](#)
 - ◎ [Abbreviated Dialing System List](#)
 - ◎ [Coverage Paths](#)
 - ◎ Group Communications
 - [Hunt Groups](#)
 - [Pickup Groups](#)
 - [Paging Groups](#)
 - [Intercom Groups](#)
 - [Abbreviated Dialing Group List](#)
 - ◎ Automated Attendant Service
 - [Automated Attendants](#)
 - [Sub Menus](#)
 - [Announcements](#)

- ⊙ Public Networking
 - [Allowed/Denied Numbers](#)
 - [Incoming Call Handling Treatment](#)
 - [ISDN Numbering Public/Unknown](#)
 - [Trunk Groups](#)
 - [Outside Line Groups](#)
 - [DS-1](#)
 - [BRI](#)
- ⊙ [CTI Configuration](#)
- ⊙ [Dial Plan](#)
- ⊙ [Feature Access Codes](#)
- ⊙ [Service Numbers](#)
- ⊙ [Loudspeaker Devices](#)
- ⊙ System Parameters
 - [General](#)
 - [Voicemail & Automated Attendant](#)
- ⊙ Media Resources
 - [Tones](#)
 - [System Announcements](#)
- Platform
 - ⊙ [Network Connections](#)
 - ⊙ [Date & Time](#)
 - ⊙ Authentication & Authorization
 - [Administrative Users Accounts](#)
 - [RADIUS Client](#)
 - ⊙ Ethernet Switch
 - [System Parameters](#)
 - [Ports](#)
 - [VLANs](#)
 - ⊙ Data Services
 - [Data Services Status](#)
 - [DHCP Services](#)
 - SNMP Agent
 - [General](#)
 - [SNMPv3 Users](#)
 - [Trap Managers](#)

- ⊙ [Physical Configuration](#)
- ⊙ [Logging](#)
- ⊙ [Modem Dial-In](#)
- ⊙ [Avaya Global Services](#)
- Maintenance & Monitoring
 - [System Summary](#)
 - [Alarms](#)
 - [Logs](#)
 - [Reboot](#)
 - [Network Diagnostics](#)
 - Telephony
 - ⊙ [Users](#)
 - ⊙ [Trunk Groups](#)
 - ⊙ [Outside Line Groups](#)
 - ⊙ [Remote CDR](#)
 - ⊙ [CTI](#)
 - ⊙ [Phone Messages Files](#)
 - ⊙ Voicemail & Automated Attendant
 - [General](#)
 - [Mailboxes](#)
 - [System Language Files](#)
 - ⊙ Media Services
 - [General](#)
 - [System Announcements](#)
 - Platform
 - ⊙ Ethernet Switch
 - Ports
 - [Statistics](#)
 - [CAM Table](#)
 - ⊙ Data Services
 - [DHCP Server](#)
 - IP Phones File Server
 - [IP Phones Files](#)
 - ⊙ [USB Devices](#)

- Security
 - ⊙ [Trusted Certificate](#)
 - ⊙ [Server Certificate](#)
 - ⊙ [Authentication File](#)
- Configuration Administration
 - ⊙ [Backup & Restore](#)
 - ⊙ [Master Encryption Key](#)
 - ⊙ [Restore Factory Defaults](#)
 - ⊙ [Create Installation Profile](#)
 - ⊙ [Create Installation Image](#)
 - ⊙ [Configuration File Management](#)
- Firmware Management
 - ⊙ [Device](#)
- [Reports](#)

Main Menu

The system starts with the main menu displayed in the working pane. The entries on the main menu are shortcuts for the most frequently used functions.

Home

To get started using LBA, click one of the links below or use the menu on the left.

Basic Administration	Advanced Administration																						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">User & Extensions</td> <td style="padding: 5px;">Move, add, or change telephone extensions on your system.</td> </tr> <tr> <td style="padding: 5px;">Features</td> <td style="padding: 5px;">Administer useful features like abbreviated dialing, pickup groups, paging groups, call forwarding, call coverage, and bridged appearances.</td> </tr> <tr> <td style="padding: 5px;">Announcements</td> <td style="padding: 5px;">Manage voice announcements.</td> </tr> <tr> <td style="padding: 5px;">Hunt Groups</td> <td style="padding: 5px;">Set up hunt groups for managing incoming call distribution.</td> </tr> <tr> <td style="padding: 5px;">Reports</td> <td style="padding: 5px;">Generate, list, print, and schedule basic reports.</td> </tr> </table>	User & Extensions	Move, add, or change telephone extensions on your system.	Features	Administer useful features like abbreviated dialing, pickup groups, paging groups, call forwarding, call coverage, and bridged appearances.	Announcements	Manage voice announcements.	Hunt Groups	Set up hunt groups for managing incoming call distribution.	Reports	Generate, list, print, and schedule basic reports.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Dial Plan</td> <td style="padding: 5px;">Set up and manage your dial plan.</td> </tr> <tr> <td style="padding: 5px;">Outgoing Calls</td> <td style="padding: 5px;">Add area codes and prefixes to your system. Set up ARS partitioning and authorization codes.</td> </tr> <tr> <td style="padding: 5px;">Trunks</td> <td style="padding: 5px;">Add a trunk group to your system.</td> </tr> <tr> <td style="padding: 5px;">Night Service</td> <td style="padding: 5px;">Set up night service for handling incoming calls after hours.</td> </tr> <tr> <td style="padding: 5px;">Networking</td> <td style="padding: 5px;">Manage public and private networking.</td> </tr> <tr> <td style="padding: 5px;">Profile Creation</td> <td style="padding: 5px;">Manage profile creation and customization wizard modeling.</td> </tr> </table>	Dial Plan	Set up and manage your dial plan.	Outgoing Calls	Add area codes and prefixes to your system. Set up ARS partitioning and authorization codes.	Trunks	Add a trunk group to your system.	Night Service	Set up night service for handling incoming calls after hours.	Networking	Manage public and private networking.	Profile Creation	Manage profile creation and customization wizard modeling.
User & Extensions	Move, add, or change telephone extensions on your system.																						
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Networking	Manage public and private networking.																						
Profile Creation	Manage profile creation and customization wizard modeling.																						

Liverpool Branch Administration
UI Prototype
September 17, 2006

Link	Usage
Users & Extensions	Links to the Move, Add, and Change Wizard.
Features	Administer useful features like abbreviated dialing, pickup groups, paging groups, call forwarding, call coverage, and bridged appearances.
<u>Announcements</u>	Manage voice announcements.
<u>Hunt Groups</u>	Set up hunt groups for managing incoming call distribution.
<u>Reports</u>	Generate, list, print, and schedule basic reports.
<u>Dial Plan</u>	Set up and change your dial plan.
Outgoing Calls	Add area codes and prefixes to your system. Set up ARS partitioning and authorization codes.
<u>Trunks</u>	Add a trunk group to your system.

Link	Usage
Night Service	Set up night service for handling incoming calls after hours.
<u>Networking</u>	Manage public and private networking.
<u>Profile Creation</u>	Manage profile creation and customization wizard modeling.

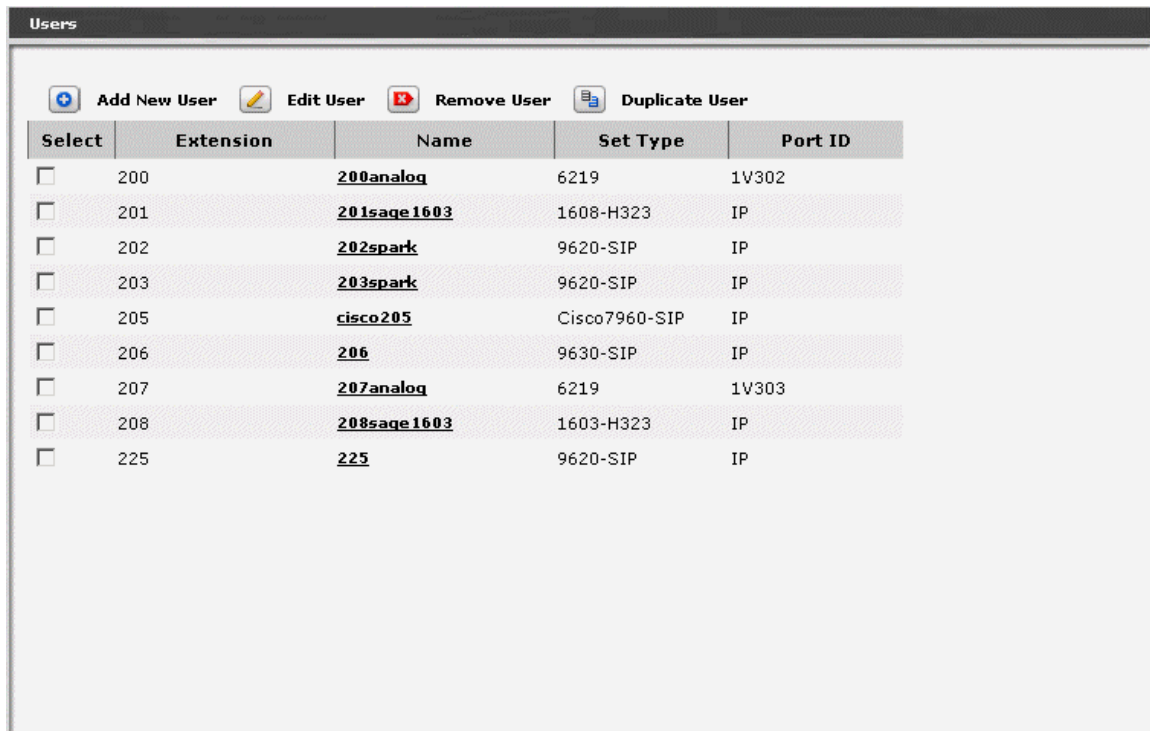
Configuration

Telephony

Users

Users List

This screen displays a list of all users.



The screenshot shows a web interface titled "Users" with a table of user entries. Above the table are four action buttons: "Add New User" (plus icon), "Edit User" (pencil icon), "Remove User" (trash icon), and "Duplicate User" (copy icon). The table has five columns: "Select", "Extension", "Name", "Set Type", and "Port ID". Each row represents a user with a checkbox in the "Select" column.

Select	Extension	Name	Set Type	Port ID
<input type="checkbox"/>	200	<u>200analog</u>	6219	1V302
<input type="checkbox"/>	201	<u>201sage1603</u>	1608-H323	IP
<input type="checkbox"/>	202	<u>202spark</u>	9620-SIP	IP
<input type="checkbox"/>	203	<u>203spark</u>	9620-SIP	IP
<input type="checkbox"/>	205	<u>cisco205</u>	Cisco7960-SIP	IP
<input type="checkbox"/>	206	<u>206</u>	9630-SIP	IP
<input type="checkbox"/>	207	<u>207analog</u>	6219	1V303
<input type="checkbox"/>	208	<u>208sage1603</u>	1603-H323	IP
<input type="checkbox"/>	225	<u>225</u>	9620-SIP	IP

Column	Contains
Select	Check multiple user entries to Remove at the same time.
Extension	Administered extension.
Name	User display name.
Set Type	Set type
Port ID	Port ID

Button	Action
Add New User	Opens a pre-populated User Detail screen for additional editing. Pre-population is based on a general user template.
Edit User	Opens a User Detail screen for the selected user.
Remove User	Deletes (with confirmation) all selected users.
Duplicate User	Opens a pre-populated User Detail screen for additional editing. Pre-population is based on the highlighted user.

How to Get to the Users List Screen

Managed Objects > Configuration > Telephony > Users.

How to Add a New User

1. Navigate to the **Users List: Managed Objects > Configuration > Telephony > Users.**
2. To open a new User Details screen, do one of the following:
 - Click **Add New User** to open the **User Details** screen with default values populated.
 - **OR:** Select an existing user by checking the **<select>** box (unmarked column) for the row. Then click **Duplicate User**. Except for **User Name** and **Extension**, the information for the new user will be filled-into the **User Details** screen in the same way as for the selected user.
3. Enter the new **User Name** and select an **Extension** from the drop-down list.
4. Click **Apply Change**.
5. In each tab of the **User Details** screen, fill in the appropriate information for the new user.
6. Click **Apply Changes** to save the changes. To discard unsaved changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a User

1. Navigate to the **Users List: Managed Objects > Configuration > Telephony > Users.**
2. Select an existing user by:
 - clicking on the **Name** field to open the **User Details** screen.
 - checking the "select" box (unmarked column) for the row and then clicking **Edit User**.

The **User Details: General Tab** screen displays. All fields on all tabs are filled-in as appropriate for the selected user.

3. In each tab of the **User Details** screen, change the appropriate information for the user.
4. Click **Apply Changes** to save the changes. To discard unsaved changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove a User

1. Navigate to the **Users List: Managed Objects > Configuration > Telephony > Users**.
2. Check the **<select>** box at the beginning of each user to be deleted. (You can delete multiple users in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the user(s) or click **Back to List** to cancel the deletion and return to the **Users List**.

User Details: General Tab

This screen is used to add or edit general information about the user.

The screenshot shows the 'Edit User - (Ext.)' window. At the top, there are two buttons: 'Discard Changes' (with a left arrow icon) and 'Apply Changes' (with a right arrow icon). Below these are five tabs: 'General', 'Voicemail', 'Station', 'Buttons', and 'Groups'. The 'General' tab is selected. The form contains the following fields:

- Last Name:** A text input field.
- First name:** A text input field.
- Display Name:** A text input field.
- Display Name (ASCII):** A text input field.
- Extension:** A dropdown menu with '210' selected.
- Privileges:** A dropdown menu with 'Admin' selected.
- Preferred Language:** A dropdown menu with 'english' selected.
- Set Type:** A text input field containing '4621SW-H323'.

Field	Contains
Last Name	User's last name.
First Name	User's first name.
Display Name	Name formatted to be displayed in directory. The tilde character (~) as the first two characters of a name prevents inclusion of the name in the directory, but still allows display.
Display Name (ASCII)	
Extension	Select an available extension.
Privileges	Privilege level of the user: <ul style="list-style-type: none"> • Admin (2) • High (4) • Medium (6) • Low (8) • No (10)

Field	Contains
Preferred Language	<ul style="list-style-type: none"> • English • French • Italian • Spanish • Unicode
Set Type	Set type (not editable here). Change on Station tab.

Button	Action
Discard Changes	Returns to the User List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

User Details: Voicemail Tab

This screen defines basic voice mail parameters for the user.

Field	Contains
User has a voicemail mailbox on this system	Checkbox. Must be checked to enable all other fields.
Mailbox Type	Enabled by User has a voicemail mailbox on this system checkbox. <ul style="list-style-type: none"> • general • extended • informational.
Outgoing Email Address	User's email address. Enabled by User has a voicemail mailbox on this system checkbox.
Enable Outcalling	When checked, the user can make outside calls from the voicemail system. Otherwise, the user is restricted to inside calls. Enabled by User has a voicemail mailbox on this system checkbox.
Enable Broadcasting	Checkbox. Enabled by User has a voicemail mailbox on this system checkbox.

Field	Contains
Enable Password Change	Checkbox. When checked, the user can change the mailbox password. Otherwise, the mailbox password can only be changed by an administrator. Enabled by User has a voicemail mailbox on this system checkbox.

Button	Action
Discard Changes	Returns to the User List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

User Details: Station Tab

This screen is used to add or edit information about the user's telephone station.

The screenshot shows the 'Edit User - (Ext.)' interface with the 'Station' tab selected. The interface includes the following elements:

- Buttons:** 'Discard Changes' (left arrow) and 'Apply Changes' (right arrow).
- Tabs:** 'General', 'Voicemail', 'Station' (selected), 'Buttons', and 'Groups'.
- Fields:**
 - Set Type:** A dropdown menu showing '4621SW-H323'.
 - Port:** A text input field with 'IP' entered.
 - Security Code:** An empty text input field.
 - Display Name:** A text input field with a greyed-out value.
 - Station Password:** A text input field with a greyed-out value.
 - Coverage:** A dropdown menu showing 'None'.
 - Abrv. Group Dialing List:** A dropdown menu showing 'None'.
 - Hot Line Abbreviated Dialing List:** A dropdown menu with a greyed-out value.
 - Hot Line Target:** A dropdown menu with a greyed-out value.
 - Cellular Number:** A text input field with a greyed-out value.
- Checkboxes:**
 - Extension to Cellular
 - Audible Message Waiting
 - Idle Appearance Preference
 - Allow IP Softphone override
 - Fax or Modem
 - Call Waiting Indication
 - Expansion Module
 - Restrict Last Appearance
 - Specific Line Select FAC Allowed

Field	Contains
Set Type	Drop-down list of available templates. Enables and disables fields as appropriate for the selected set type.
Port	This field is valid only for the following set types: <ul style="list-style-type: none"> • 4602+, 4610, 4612, 4620, 4621, 4625 – For these set types, this field is not editable. • 5410, 5420, 6210, 6218, 6220, 2500 – Valid values for this field are: <ul style="list-style-type: none"> <input type="radio"/> X <input type="radio"/> IP <input type="radio"/> port number
Security Code	This is the password field for the station form. This field is valid only for Analog or H.323 sets.
Display Name	The user's name for display purposes. (From the General tab.)
Station Password	

Field	Contains
Audible Message Waiting	When checked, the set user will receive stutter dial tone when they have a waiting message and they go off-hook. Default is unchecked.
Idle-Appearance Preference	<p>Indicates which call appearance is selected when the user lifts the handset and there is an incoming call.</p> <ul style="list-style-type: none"> • Checked - the user connects to an idle call appearance instead of the ringing call. • Unchecked - the Alerting Appearance Preference is set and the user connects to the ringing call appearance. <p>This field is valid only for the following set types: 4602+, 4610, 4612, 4620, 4621, 4625, 5410, 5420</p>
Allow IP Softphone Override	<p>When checked, this field allows the user to "take over" an IP telephone. Typically there isn't a different extension for a softphone. When the user logs in, the softphone takes over the existing telephone extension. During this time, that DCP or IP telephone is out of service.</p> <p>This field is valid only for the for SIP or H.323 sets.</p>
Coverage	<p>List of existing coverage paths.</p> <ul style="list-style-type: none"> • None – default for privilege Low & No. • Voicemail - default for higher privileges. • Coverage path previously defined. See Coverage Paths.
Abrv. Group Dialing List	Select the Abbreviated Dialing Group List number or "none". This allows the station user to access the specified group abbreviated dialing list. Abbreviated group dialing lists are not configurable via Avaya Distributed Office Central Manager (ADCM). ADCM will only let the administrator choose from the existing group abbreviated dialing lists configured locally. If none exist, only the value "none" appears in the drop-down list.
Extension to Cellular	When checked, calls will be forwarded to the specified cellular number instead of to local coverage. This feature only available for H.323. Enables the Cellular Number field.
Cellular Number	Configure the cellular number (for trunk – use the ARS Dial Code .)
Fax or Modem	Checked indicates that this extension connects directly to a fax or modem. Enabled based on Set Type .
Call Waiting Indication	Checked indicates that "call waiting indication" will be sent to the telephone set. (Method of indication depends on Set Type and local user settings.)

Field	Contains
Expansion Module	Checked indicates that the appropriate button module for the Set Type has been attached to this station. The additional buttons appear on the Buttons tab.
Hot Line Abbreviated Dialing List	This field only appears for analog set types. <ul style="list-style-type: none"> • System • select from available local Abbreviated Dialing Groups.
Hot Line Target	The entry number in the specified abbreviated dialing list where the hot line destination number is stored. This field only appears for analog set types. This field is valid only for the following set types: 6210, 6218, 6220, 2500
Restrict Last Appearance	
Specific Line Select FAC Allowed	Allows <i>key system</i> style access directly to specific lines without using the <i>PBX</i> style Automatic Routing System (ARS).

Button	Action
Discard Changes	Returns to the User List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

User Details: Buttons Tab

This screen is used to assign features to station buttons.

The screenshot shows the 'Edit User - (Ext.)' configuration window. At the top, there are 'Discard Changes' and 'Apply Changes' buttons. Below that are tabs for 'General', 'Voicemail', 'Station', 'Buttons', and 'Groups'. The 'Buttons' tab is active. The main area is titled 'Feature Button Assignment' and contains four rows, each with a radio button and a dropdown menu. Below the rows are 'Prev' and 'Next' buttons. At the bottom, there is a section for 'Additional Parameters (if required)'.

Field	Contains
Button Assignment	When the template is selected, each button available for assignment is shown with a drop-down list of possible assignments. Each button may have a predefined assignment. Both unassigned buttons and pre-assigned buttons may be altered as required.
Additional Parameters	If Additional Parameters are required for the selected button, additional fields will be provided.

Button	Action
Prev	Steps backwards through the buttons.
Next	Steps forwards through the buttons.
Discard Changes	Returns to the User List screen without saving any changes.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Set Type Templates

Set Type	Number of Buttons
1603-H323	3
1608-H323	8
1616-H323	16
4610SW-H323	24
4621SW-H323	24
9630-SIP	24
9620-SIP	24
CallrID	24
DECT-WT3701	24
DECT-WT3711	24
Softphone-H323	24
6211	1
6219	1
6221	1
900MHz-analog	1
1603-H323	32
1608-H323	32

Set Type	Number of Buttons
1616-H323	32
4610SW-H323	24
4621SW-H323	24

Available Features for Buttons

Different set types have different button assignments. Based on the set type selected in the Station template, the user sees only the relevant button assignments.

For features that have limits, once the feature is selected, all other button drop-down lists hide the feature as a possible choice.

Button Label	Description	Limits
<extension>	Bridged Appearance of an analog telephone: allows the user to have an appearance of a single-line telephone extension. Assign to a 2-lamp appearance button.	Unlimited; to analog only; cannot be to self; 1 per Extension; Extension is required.
AD	Abbreviated Dialing: dials the stored number on the specified abbreviated dialing list. List: specify the list number 1 to 3 where the destination number is stored DC: specify the dial code for the destination number.	Unlimited; list/DC must be assigned; 1 per AD list per dial code
AR	Abbreviated and Delayed Ringing: allows the user to trigger an abbreviated or delayed transition for calls alerting at an extension.	Unlimited; 1 per Ext; Ext not required;

Button Label	Description	Limits
Acct	Account: allows users to enter Call Detail Recording (CDR) account codes. CDR account codes allow the system to associate and track calls according to a particular project or account number.	1 per Ext
Message (name or ext #)	Automatic Message Waiting: associated status lamp automatically lights when an LWC message has been stored in the system for the associated extension. This lamp will not light on the mapped-to physical station for messages left for virtual extensions.	1 per aut-mst-ext ; unlimited; to self okay; Ext required
Auto CallBack	Automatic Call Back: when activated, allows inside user who placed a call to a busy or unanswered telephone to be called back automatically when the called telephone becomes available to receive a call.	Unlimited
Auto (name or ext #)	Automatic Intercom: places a call to the station associated with the button. The called user receives a unique alerting signal, and a status lamp associated with a Intercom button flashes. Grp: Intercom — Auto-Icomgroup number.	1 per group per dial code; Unlimited; Gr/DC must be defined; Gr/DC required

Button Label	Description	Limits
(extension)	<p>Bridged Call Appearance: provides an appearance of another user's extension on this telephone. For example, an assistant might have a bridged appearance of their supervisor's extension. The bridged appearance button functions exactly like the original call appearance, for instance it indicates when the appearance is active or ringing.</p> <p>You can assign brdg-appr buttons only to 2-lamp appearance buttons. You must indicate which extension and which call appearance button the user wants to monitor at this telephone.</p>	<p>Unlimited; cannot be to self; cannot be analog; Btn/Ext required</p>
Busy	<p>Busy Indication: indicates the busy or idle status of an extension, trunk group, terminating extension group (TEG), hunt group, or loudspeaker paging zone. Users can press the busy-ind button to dial the specified extension.</p> <p>You can assign this button to any lamp button and must specify which Trunk or extension the user wants to monitor.</p>	<p>1 per TAC/Ext; unlimited; 1 per TAC/ext required</p>
extension	<p>Appearance: originates or receives calls. Assign to a 2-lamp appearance button.</p>	<p>Maximum of 10 are allowed for stations that have more than 10 buttons on them.</p>

Button Label	Description	Limits
Return Call	Call Displayed Number (display button): initiates a call to the currently displayed number. The number may be from a leave word calling message or a number the user retrieved from the Directory.	1 per station
Call Forwarding	Activates or deactivates Call Forwarding All Calls.	64 per extension; 1 per user;
Call Park	Allows the user to place the current call in the call park state so it can be retrieved from another telephone.	1 per station
Call Pickup	Allows the user to answer a call that is ringing in the user's pickup group.	1 per station
Call Forwarding bsyda (Ext)	Call Forward Busy/Don't Answer: activates and deactivates call forwarding for calls when the extension is busy or the user does not answer.	64 per extension; 1 per user;
Conference Display	Allows a user to display information about each party of a conference call. This button can be assigned to stations and attendant consoles.	1 per station

Button Label	Description	Limits
Consult	<p>The Consult button allows a covering user, after answering a coverage call, to call the principal (called party) for private consultation.</p> <p>Activating Consult places the caller on hold and establishes a private connection between the principal and the covering user. The covering user can then add the caller to the conversation, transfer the call to the principal, or return to the caller.</p>	1 per station
CPN Block	Blocks the sending of the calling party number for a call.	1 per station
Crisis	<p>Crisis Alert (display button): provide this button to the telephones or consoles that you want to notify when any user makes an emergency call.</p> <p>(You define which calls are emergency calls on the AAR/ARS Analysis screen by setting the Call Type to alrt.)</p> <p>After a user receives an alert, they can press the crss-alert button to disable the current alert.</p> <p>If tenant partitioning is active, the attendants within a partition can receive emergency notification only from callers in the same partition.</p>	1 per station 10 per system
Date Time	Date and Time (display button): displays the current date and time. Do not assign this button to 6400-series display phones as they normally show the date and time.	1 per station

Button Label	Description	Limits
Dial Icom	Dial Intercom: accesses the intercom group assigned to the button. Grp: Intercom — Dial (Dial Icom) group number.	1 per group; Grp required
Directory	<p>Directory (display button): allows users with display telephones to access the system directory, use the touch-tone buttons to key in a name, and retrieve an extension from the directory. The directory contains the names and extensions that you have assigned to the telephones administered in your system.</p> <p>If you assign a directory button, you should also assign a Next and Call-Disp button to the telephone. These buttons allow the user to navigate within the directory and call an extension once they find the correct one.</p> <p>Note that Vector Directory Numbers do not appear in the Directory.</p>	1 per station
dir-pkup	Directed call pickup: allows the user to answer a call ringing at another extension without having to be a member of a pickup group.	1 per station

Button Label	Description	Limits
Exclusion	<p>Exclusion: allows multi-appearance telephone users to keep other users with appearances of the same extension from bridging onto an existing call.</p> <p>If the user presses the Exclusion button while other users are already bridged onto the call, the other users are dropped.</p> <p>There are two means of activating exclusion.</p> <ul style="list-style-type: none"> • Manual Exclusion — when the user presses the Exclusion button (either before dialing or during the call). • Automatic Exclusion — as soon as the user picks up the handset. To turn off Automatic Exclusion during a call, the user presses the Exclusion button. To use Automatic Exclusion, set the Automatic Exclusion by COS field to y on the Feature-Related System Parameters screen. 	1 per station
Extension to Cellular	Allows a user to administer an extension to cellular feature button on the office telephone.	1 per station; not empty
Far End Mute for Conf	Allows a user to mute a selected party on a conference call. This button can be assigned to stations and attendant consoles.	1 per station
GrpPg	Allows users to make announcements to groups of stations by automatically turning on their speakerphones. Number: The extension of the page group.	1 per station; Number not required and not validated

Button Label	Description	Limits
Inspect Mode	Inspect (display button): allows users on an active call to display the identification of an incoming call. Inspect also allows users to determine the identification of calls they placed on Hold.	1 per station
Major Hdwe Failure	Major Alarm: assign to a status lamp to notify the user when major alarms occur. Major alarms usually require immediate attention.	1 per station
MCT Activation	Malicious Call Trace Activation: sends a message to the MCT control extensions that the user wants to trace a malicious call. MCT activation also starts recording the call, if your system has a MCT voice recorder.	1 per station
MCT Control	<p>Malicious Call Trace Control: allows the user to take control of a malicious call trace request. Once the user becomes the MCT controller, the system stops notifying other MCT control extensions of the MCT request.</p> <p>NOTE: To add an extension to the MCT control group, you must also add the extension on the Extensions Administered to have an MCT-Control Button screen. When the user presses the MCT Control button, the system first displays the called party information. Pressing the button again displays the rest of the trace information. The MCT controller must dial the MCT Deactivate feature access code to release control.</p>	1 per station

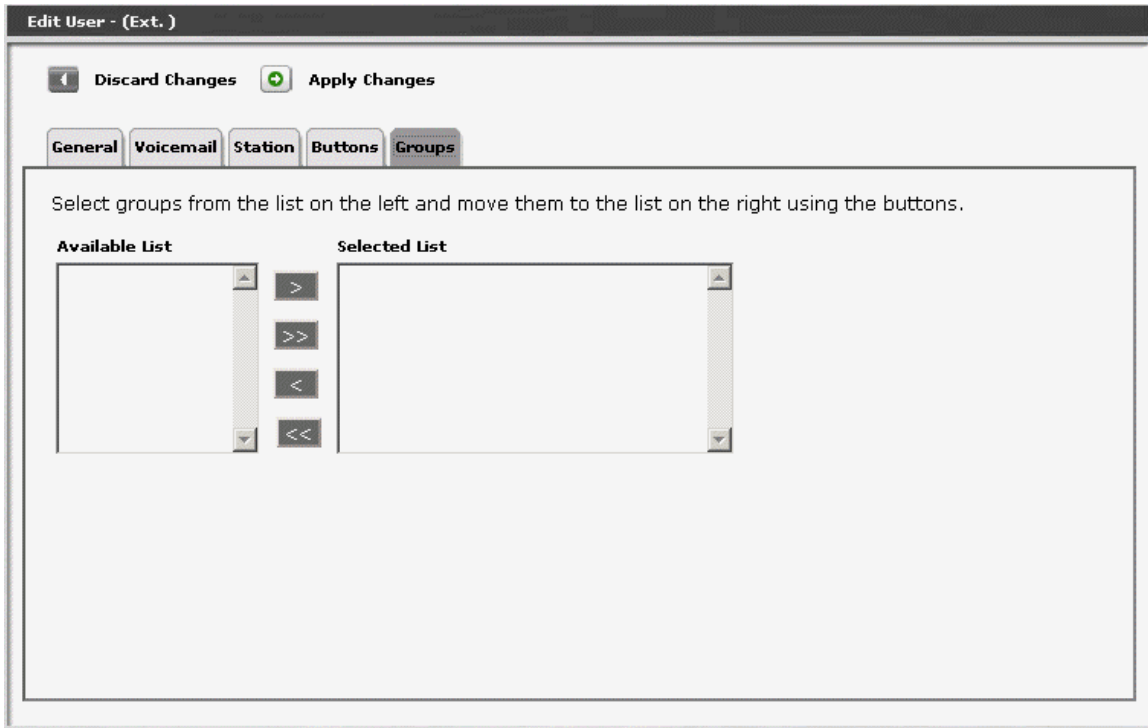
Button Label	Description	Limits
Maj/Minor Hdwe Failure	Minor Alarm: assign to a status lamp to notify the user when minor or major alarms occur. Minor alarms usually indicate that only a few trunks or a few stations are affected.	1 per station
Next	Next (display button): steps to the next message when the telephone's display is in Message Retrieval or Coverage Message Retrieval mode. Shows the next name when the telephone's display is in the Directory mode.	1 per station
Priority Call	Priority Calling: allows a user to place priority calls or change an existing call to a priority call.	1 per station
Ringer Cutoff	Ringer-Cutoff: silences the alerting ringer on the station.	1 per station
System Reset Alert	The associated status lamp lights if a problem escalates beyond a warm start.	1 per station
Send All Calls	Send All Calls allows users to temporarily direct all incoming calls to coverage regardless of the assigned call-coverage redirection criteria. Assign to a lamp button.	1 per Ext; cannot be self; Ext not required
FTC Alarm	Facility Test Call Alarm: associated status lamp lights when a successful Facility Test Call (FTC) occurs.	1 per station
Trunk ID	Trunk Identification (display button): identifies the TAC (trunk access code) and trunk member number associated with a call.	1 per station

Button Label	Description	Limits
Trunk Name	(display button) Displays the name of the trunk as administered on the CAS Main or on a server without CAS.	1 per station
Verify	Busy Verification: allows users to make test calls and verify a station or a trunk.	1 per station
Whisper Page Activation	<p>Whisper Page Activation: allows a user to make and receive whisper pages. A whisper page is an announcement sent to another extension who is active on a call where only the person on the extension hears the announcement; any other parties on the call cannot hear the announcement.</p> <p>The user must have a class of restriction (COR) that allows intra-switch calling to use whisper paging.</p>	1 per station
Answerback	Whisper Page Answerback: allows a user who received a whisper page to respond to the user who sent the page.	1 per station
Alt FRL	Alternate Facility Restriction Level (FRL): activates or deactivates an alternate facility restriction level for the extension.	1 per station

Button Label	Description	Limits
<p>Busy Transfer</p>	<p>Busy Indicator and Transfer: indicates the busy or idle status of an extension, trunk group, terminating extension group (TEG), hunt group, or loudspeaker paging zone. Users can press the busy-ind button to dial the specified extension.</p> <p>You can assign this button to any lamp button and must specify which Trunk or extension the user wants to monitor.</p> <p>The busy indicator does not work to or from a SIP phone. The button can not be a softkey because softkeys are not supported by any of the terminal types provided by DOLM, R1.</p>	<p>1 per TAC/Ext</p>
<p>Voice Answer State</p>	<p>Voice Answer State allows users to temporarily direct all incoming calls to coverage regardless of the assigned call-coverage redirection criteria. Assign to a lamp button.</p>	<p>1 per Ext; cannot be self; Ext not required</p>

User Details: Groups Tab

This screen is used to assign users to groups.



Field	Contains
Available List	All available lists are presented.
Selected List	The lists to which the user belongs are listed.

Button	Action
>	Move the selected items in the Available List to the Selected List .
>>	Move all items in the Available List to the Selected List .
<	Remove the selected items in the Selected List and return them to the Available List .
<<	Remove all items in the Selected List and return them to the Available List .
Discard Changes	Returns to the User List screen without saving any changes.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Abbreviated Dialing System List

Abbreviated Dialing System List

This screen displays and accepts labels and corresponding numbers for each of the system abbreviated dial codes.

Column	Contains
Dial Code	The digits the user dials to access this dial code entry.
Label	The label for the system-wide Abbreviated Dial buttons on the telephone sets. Fifteen characters maximum.
Number	<p>The number the administrator want the system to dial when users enter this dial code. Twenty-four characters maximum. The dial code may contain the following:</p> <ul style="list-style-type: none"> • Digits 0 to 9 • * (star) Part of FAC • # (pound) Part of FAC • ~p Pause 1.5 seconds • ~w Wait for dial tone • ~m Change to out-pulse DTMF digits at the end-to-end rate • ~s Start suppressing display of the digits being outpulsed • ~W Wait indefinitely for dial tone. Use this only if network response time is more than 30 seconds.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Abbreviated Dialing Systems List Screen.

Managed Objects > Configuration > Telephony > Abbreviated Dialing System Lists

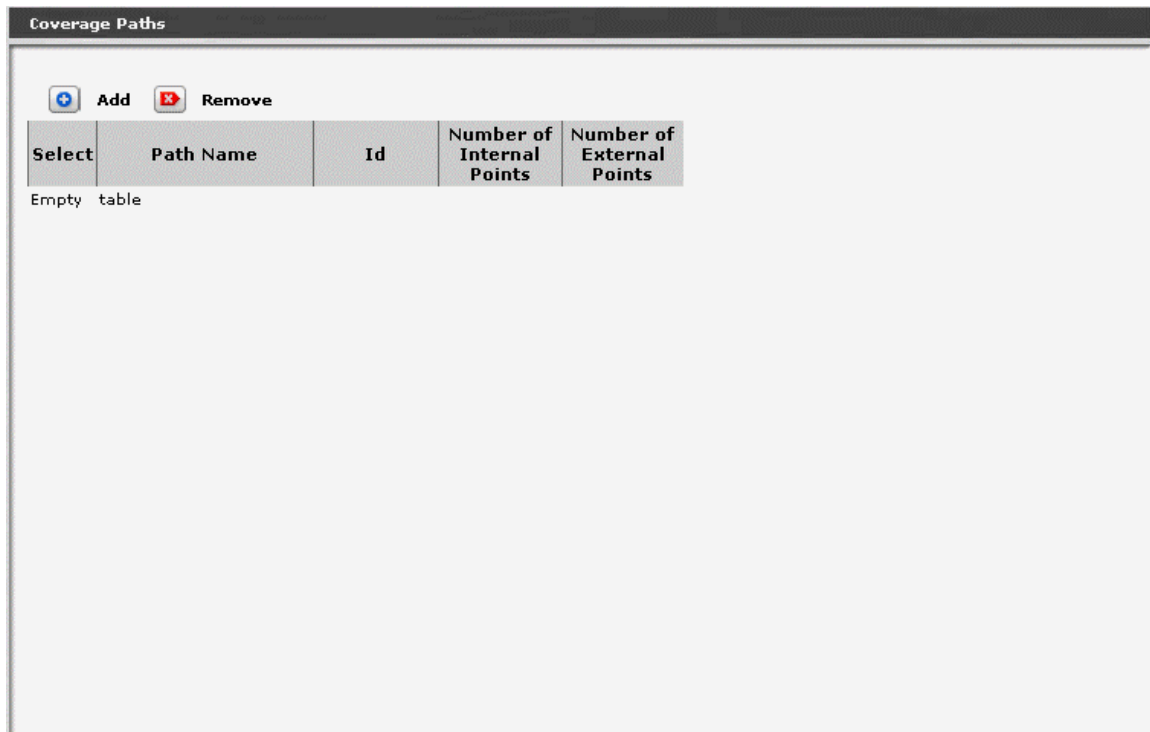
How to Create or Edit an Abbreviated Dialing System List

1. Navigate to the **Abbreviated Dialing System Lists** screen as indicated above.
2. Make any changes to labels or numbers directly in the **Abbreviated Dialing System Lists** screen. The allowed characters are shown in the table above.
3. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Coverage Paths

Coverage Paths List

This screen displays a list of coverage paths.



Column	Contains
Select	Check multiple coverage paths to Remove at the same time.
Path Name	Administered name for the path.
Id	Path number 1-50
Number of Internal Points	
Number of External Points	

Button	Action
Add	Opens the Coverage Path Details screen.
Remove	Deletes (with confirmation) all selected coverage paths.

How to Get to the Coverage Paths List Screen

Managed Objects > Configuration > Telephony > Coverage Paths.

How to Add a Coverage Path

1. Navigate to the **Coverage Paths List: Managed Objects > Configuration > Telephony > Coverage Paths.**
2. Click **Add New** to open the **Coverage Path Details** screen.
3. Enter the new coverage **Path Name** and select the path number (Id) from the drop-down list.
4. In the **Coverage Path Details** screen, fill in the appropriate information for the new coverage path.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a Coverage Path

1. Navigate to the **Coverage Paths List: Managed Objects > Configuration > Telephony > Coverage Paths.**
2. Click the **Path Name** of the path you wish to edit.
3. In the **Coverage Path Details** screen, change information as necessary for the coverage path.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.


How to Remove a Coverage Path

1. Navigate to the **Coverage Paths List: Managed Objects > Configuration > Telephony > Coverage Paths.**
2. Check the **<select>** box at the beginning of each coverage path to be deleted. (You can delete multiple coverage paths in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the coverage path(s), or click **Back to List** to cancel the deletion and return to the **Coverage Paths List**.

Coverage Path Details

This screen displays and collects information about coverage paths.

Edit Coverage Path -

 **Apply Changes**

Coverage Path Details

Path Name	Path Number	Number Of Rings
<input type="text"/>	<input type="text" value="2"/>	<input type="text" value="2"/>

Internal (station-to-station) Call Coverage

<p>Primary Coverage Point</p> <p><input type="radio"/> Extension: <input type="text" value="200"/></p> <p><input type="radio"/> Hunt Group: <input type="text" value="24"/></p> <p><input type="radio"/> Remote #: <input type="text"/></p> <p><input checked="" type="radio"/> None</p>	<p>Secondary Coverage Point</p> <p><input type="radio"/> Extension: <input type="text" value="200"/></p> <p><input type="radio"/> Hunt Group: <input type="text" value="24"/></p> <p><input type="radio"/> Remote #: <input type="text"/></p> <p><input checked="" type="radio"/> None</p>
--	--

External (outside origination) Call Coverage

<p>Primary Coverage Point</p> <p><input type="radio"/> Extension: <input type="text" value="200"/></p> <p><input type="radio"/> Hunt Group: <input type="text" value="24"/></p> <p><input type="radio"/> Remote #: <input type="text"/></p> <p><input checked="" type="radio"/> None</p>	<p>Secondary Coverage Point</p> <p><input type="radio"/> Extension: <input type="text" value="200"/></p> <p><input type="radio"/> Hunt Group: <input type="text" value="24"/></p> <p><input type="radio"/> Remote #: <input type="text"/></p> <p><input checked="" type="radio"/> None</p>
--	--

Field	Contains
Path Name	
Path Number	
Number of Rings	
Internal (station-to-station) Call coverage-Primary Coverage Point	Radio Buttons with data fields: <ul style="list-style-type: none"> Extension: Select by user name. Hunt Group: Select by hunt group name. Remote #: Enter remote number. None
Internal (station-to-station) Call coverage-Secondary Coverage Point	Radio Buttons with data fields: <ul style="list-style-type: none"> Extension: Select by user name. Hunt Group: Select by hunt group name. Remote #: Enter remote number. None

Field	Contains
External (Outside Organization) Call coverage-Primary Coverage Point	Radio Buttons with data fields: <ul style="list-style-type: none"> • Extension: Select by user name. • Hunt Group: Select by hunt group name. • Remote #: Enter remote number. • None
External (Outside Organization) Call coverage-Secondary Coverage Point	Radio Buttons with data fields: <ul style="list-style-type: none"> • Extension: Select by user name. • Hunt Group: Select by hunt group name. • Remote #: Enter remote number. • None

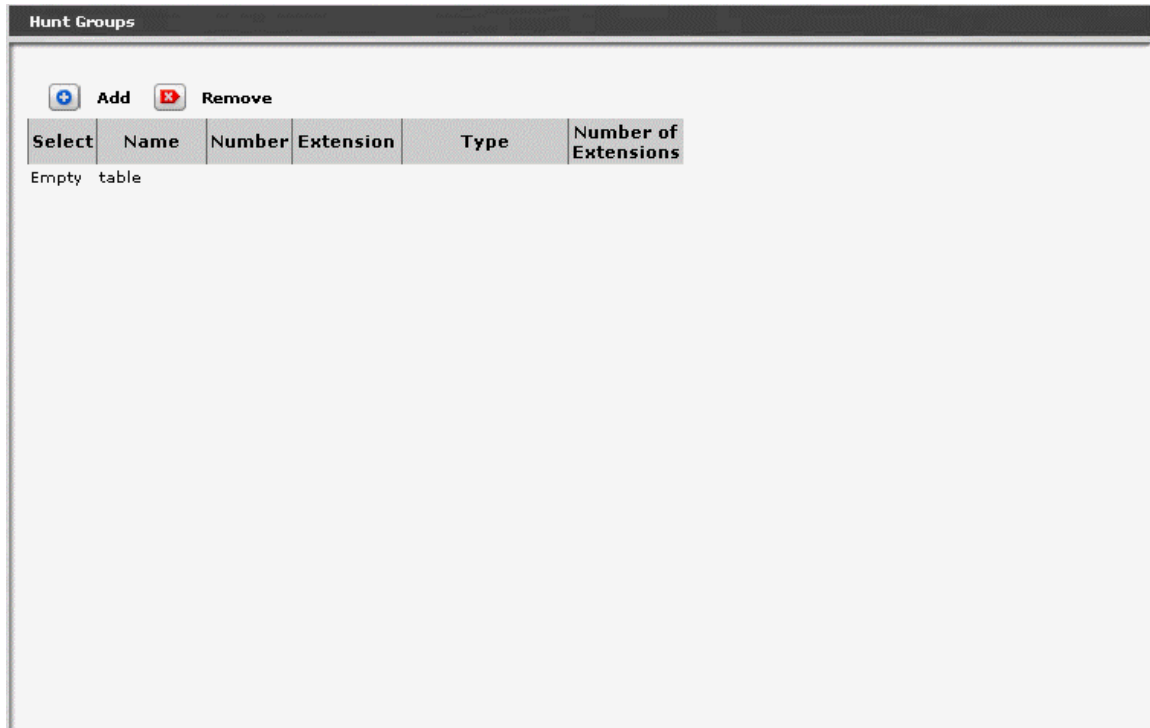
Button	Action
Back to List	Returns to the Coverage Paths List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Group Communication

Hunt Groups

Hunt Groups List

This screen displays a list of hunt groups.



Column	Contains
Select	Check multiple hunt groups to Remove at the same time.
Name	Administered hunt group name.
Number	Hunt group number
Extension	Extensions that accesses the hunt group.
Type	<ul style="list-style-type: none"> • circ - circular • ddc - • ucd-mia - [default]
Number of Extensions	Number of extensions in the hunt group.

Button	Action
Add New	Opens a pre-populated Hunt Group Details screen for additional editing.
Edit	Opens a Hunt Group Details screen for the selected hunt group.
Remove	Deletes (with confirmation) all selected hunt groups.

How to Get to the Hunt Group List Screen

Managed Objects > Configuration > Telephony > Group Communication > Hunt Groups.

How to Add a Hunt Group

1. Navigate to the **Hunt Groups List: Managed Objects > Configuration > Telephony > Group Communication > Hunt Groups.**
2. Click **Add New** to open the **Hunt Group Details** screen.
3. In the **Hunt Group Details** screen, fill in the appropriate information for the new hunt group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a Hunt Group

1. Navigate to the **Hunt Groups List: Managed Objects > Configuration > Telephony > Group Communication > Hunt Groups.**
2. Click the **Name** of the hunt group you wish to edit.
3. In the **Hunt Group Details** screen, change the information as necessary for the hunt group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove a Hunt Group

1. Navigate to the **Hunt Groups List: Managed Objects > Configuration > Telephony > Group Communication > Hunt Groups.**
2. Check the **<select>** box at the beginning of each hunt group to be deleted. (You can delete multiple hunt groups in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the hunt group(s) or click **Back to List** to cancel the deletion and return to the **Hunt Groups List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Hunt Group Details

This screen displays and collects information about a hunt group.

Field	Contains
Name	Administered hunt group name.
Name (ASCII)	
Number	Hunt group number.
Extension	Extensions that accesses the hunt group.
Type	<ul style="list-style-type: none"> • circ - circular • ddc - • ucd-mia - [default]
Available List	All available users are presented.
Selected List	Selected users are presented.

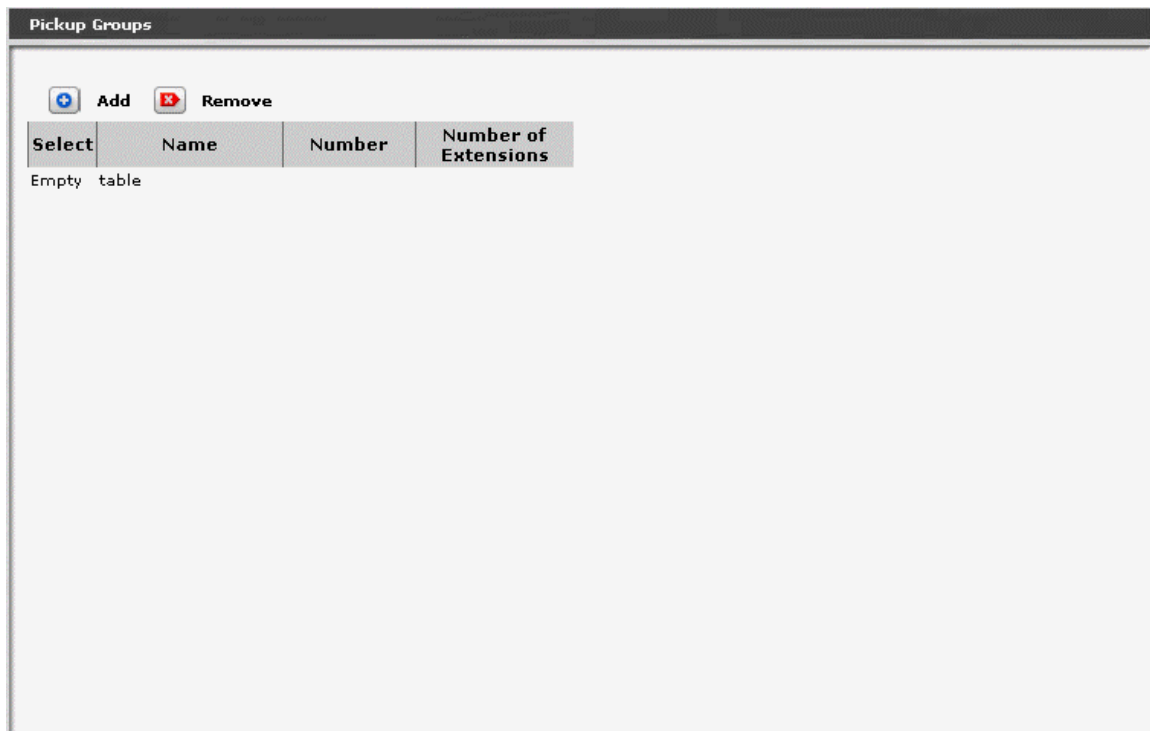
Button	Action
>	Move the selected items in the Available List to the Selected List .

Button	Action
>>	Move all items in the Available List to the Selected List .
<	Remove the selected items in the Selected List and return them to the Available List .
<<	Remove all items in the Selected List and return them to the Available List .
Up	Moves the selected member up one position in the Selected List .
Down	Moves the selected port down one position in the Selected List .
Back to List	Returns to the Hunt Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Pickup Groups

Pickup Groups List

This screen displays a list of pickup groups.



Column	Contains
Select	Check multiple pickup groups to Remove at the same time.
Name	Administered pickup group name.
Number	Pickup group number
Number of Extensions	Number of extensions in the pickup group.

Button	Action
Add	Opens a pre-populated Pickup Group Details screen for additional editing.
Edit	Opens a Pickup Group Details screen for the selected pickup group.
Remove	Deletes (with confirmation) all selected pickup groups.

How to Get to the Pickup Groups List

Managed Objects > Configuration > Telephony > Group Communication > Pickup Groups.

How to Add a Pickup Group

1. Navigate to the **Pickup Groups List: Managed Objects > Configuration > Telephony > Group Communication > Pickup Groups.**
2. Click **Add New** to open the **Pickup Group Details** screen.
3. In the **Pickup Group Details** screen, fill in the appropriate information for the new pickup group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a Pickup Group

1. Navigate to the **Pickup Groups List: Managed Objects > Configuration > Telephony > Group Communication > Pickup Groups.**
2. Click the **Name** of the pickup group you wish to edit.
3. In the **Pickup Group Details** screen, change the information as necessary for the pickup group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Delete a Pickup Group

1. Navigate to the **Pickup Groups List: Managed Objects > Configuration > Telephony > Group Communication > Pickup Groups.**
2. Check the **<select>** box at the beginning of each pickup group to be deleted. (You can delete multiple pickup groups in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the pickup group(s) or click **Back to List** to cancel the deletion and return to the **Pickup Groups List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Pickup Group Details

This screen displays and collects information about a pickup group.

Field	Contains
Name	Administered pickup group name.
Number	Pickup group number
Available List	All available users are presented.
Selected List	Selected users are presented.

Button	Action
>	Move the selected items in the Available List to the Selected List .
>>	Move all items in the Available List to the Selected List .
<	Remove the selected items in the Selected List and return them to the Available List .
<<	Remove all items in the Selected List and return them to the Available List .

Button	Action
Back to List	Returns to the Pickup Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Paging Groups

Paging Groups List

This screen displays a list of paging groups.



Column	Contains
Select	Check multiple paging groups to Remove at the same time.
Name	Administered paging group name.
Number	Paging group number.
Extension	Extension that routes calls to this paging group.
Number of Members	Number of members in the paging group.

Button	Action
Add	Opens a pre-populated Paging Group Details screen for additional editing.
Edit	Opens a Paging Group Details screen for the selected paging group.

Button	Action
Remove	Deletes (with confirmation) all selected paging groups.

How to Get to the Paging Groups List

Managed Objects > Configuration > Telephony > Group Communication > Paging Groups.

How to Add a Paging Group

1. Navigate to the **Paging Groups List: Managed Objects > Configuration > Telephony > Group Communication > Paging Groups.**
2. Click **Add New** to open the **Paging Group Details** screen.
3. In the **Paging Group Details** screen, fill in the appropriate information for the new paging group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a Paging Group

1. Navigate to the **Paging Groups List: Managed Objects > Configuration > Telephony > Group Communication > Paging Groups.**
2. Click the **Name** of the paging group you wish to edit.
3. In the **Paging Group Details** screen, change the information as necessary for the paging group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Delete a Paging Group

1. Navigate to the **Paging Groups List: Managed Objects > Configuration > Telephony > Group Communication > Paging Groups.**
2. Check the **<select>** box at the beginning of each paging group to be deleted. (You can delete multiple paging groups in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the paging group(s) or click **Back to List** to cancel the deletion and return to the **Paging Groups List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Paging Group Details

This screen displays and collects information about paging groups.

Field	Contains
Name	Administered paging group name.
Number	Paging group number.
Extension	Extension that routes calls to this paging group.
Available List	All available users are presented.
Selected List	Selected users are presented.

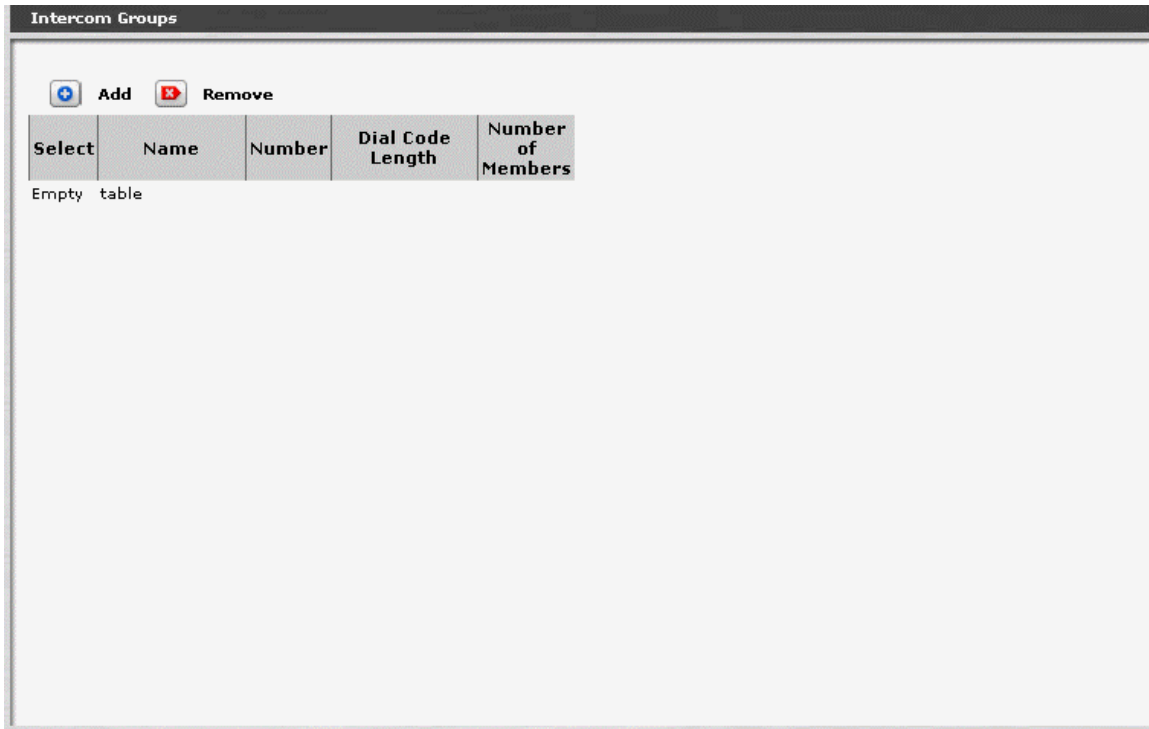
Button	Action
>	Move the selected items in the Available List to the Selected List .
>>	Move all items in the Available List to the Selected List .
<	Remove the selected items in the Selected List and return them to the Available List .

Button	Action
<<	Remove all items in the Selected List and return them to the Available List .
Back to List	Returns to the Paging Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Intercom Groups

Intercom Groups List

This screen displays and collects information about intercom groups.



Column	Contains
Select	Check multiple intercom groups to Remove at the same time.
Name	Administered intercom group name.
Number	Intercom group number.
Dial Code Length	Number of digits used for dialing (1 or 2).
Number of Members	Number of members in the intercom group.

Button	Action
Add	Opens a pre-populated Intercom Group Details screen for additional editing.

Button	Action
Edit	Opens an Intercom Group Details screen for the selected intercom group.
Remove	Deletes (with confirmation) all selected intercom groups.

How to Get to the Intercom Group List

Managed Objects > Configuration > Telephony > Group Communication > Intercom Groups.

How to Set Up an Intercom Group

- Up to 10 intercom groups
- Each group can contain up to 32 extensions.
- You can assign the same extension to different groups.
- Intercom calls are possible only between extensions in the same group.
- Any group member with a feature button for Dial Intercom can make an intercom call to any other member in the group.

How to Add an Intercom Group

1. Navigate to the **Intercom Groups List: Managed Objects > Configuration > Telephony > Group Communication > Intercom Groups.**
2. Click **Add New** to open the **Intercom Group Details** screen.
3. In the **Intercom Group Details** screen, fill in the appropriate information for the new intercom group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit an Intercom Group

1. Navigate to the **Intercom Groups List: Managed Objects > Configuration > Telephony > Group Communication > Intercom Groups.**
2. Click the **Name** of the intercom group you wish to edit.
3. In the **Intercom Group Details** screen, change the information as necessary for the intercom group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Delete an Intercom Group

1. Navigate to the **Intercom Groups List: Managed Objects > Configuration > Telephony > Group Communication > Intercom Groups.**
2. Check the **<select>** box at the beginning of each intercom group to be deleted. (You can delete multiple intercom groups in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the intercom group(s) or click **Back to List** to cancel the deletion and return to the **Intercom Groups List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Intercom Group Details

This screen displays and collects information about intercom groups.

Edit Intercom Group

Intercom Group Details

Name:

Dial Code Length:

Number: 1

Intercom Group Members

Select users from the list on the left and move them to the list on the right using the buttons.
Then press the Dial Codes button

Available List

- 200analog(200)
- 203spark(203)
- 201sage1603(201)
- 202spark(202)
- cisco205(205)
- 206(206)
- 207analog(207)
- 208sage1603(208)
- 225(225)

Selected List

Field	Contains
Name	Administered intercom group name.
Dial Code Length	Number of digits to dial (1 or 2).
Number	Intercom group number.
Available List	All available users are presented.
Selected List	Selected users are presented.

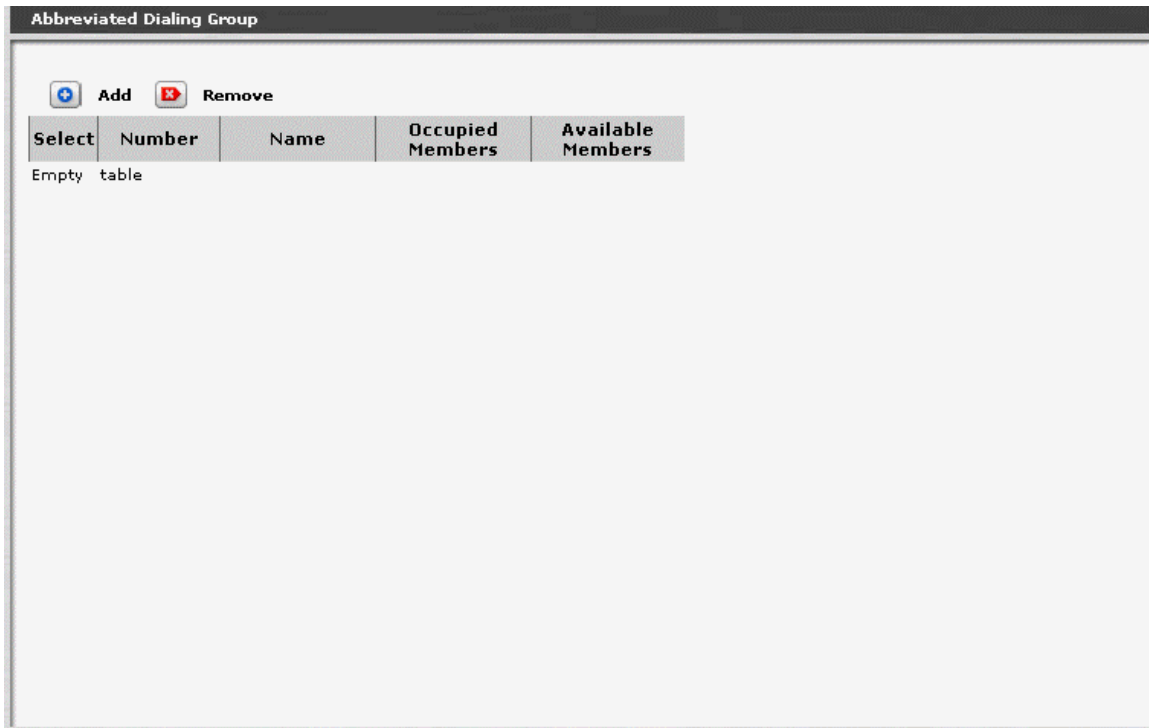
Button	Action
>	Move the selected items in the Available List to the Selected List .
>>	Move all items in the Available List to the Selected List .
<	Remove the selected items in the Selected List and return them to the Available List .

Button	Action
<<	Remove all items in the Selected List and return them to the Available List .
Up	Moves the selected member up one position in the Selected List .
Down	Moves the selected port down one position in the Selected List .
Back to List	Returns to the Intercom Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Abbreviated Dialing Groups

Abbreviated Dialing Groups List

This screen displays and collects information about abbreviated dialing groups.



Column	Contains
Select	Check multiple abbreviated dialing groups to Remove at the same time.
Number	Abbreviated dialing group number.
Name	Administered abbreviated dialing group name.
Occupied Members	
Available Members	

Button	Action
Add	Opens a pre-populated Abbreviated Dialing Group Details screen for additional editing.

Button	Action
Edit	Opens a Abbreviated Dialing Group Details screen for the selected abbreviated dialing group.
Remove	Deletes (with confirmation) all selected abbreviated dialing groups.

How to Get to the Abbreviated Dialing Group List

Managed Objects > Configuration > Telephony > Group Communication > Abbreviated Dialing Groups.

How to Add an Abbreviated Dialing Group

1. Navigate to the **Abbreviated Dialing Groups List: Managed Objects > Configuration > Telephony > Group Communication > Abbreviated Dialing Groups.**
2. Click **Add New** to open the **Abbreviated Dialing Group Details** screen.
3. In the **Abbreviated Dialing Group Details** screen, fill in the appropriate information for the new abbreviated dialing group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit an Abbreviated Dialing Group

1. Navigate to the **Abbreviated Dialing Groups List: Managed Objects > Configuration > Telephony > Group Communication > Abbreviated Dialing Groups.**
2. Click the **Name** of the abbreviated dialing group you wish to edit.
3. In the **Abbreviated Dialing Group Details** screen, change the information as necessary for the abbreviated dialing group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove an Abbreviated Dialing Group

1. Navigate to the **Abbreviated Dialing Groups List: Managed Objects > Configuration > Telephony > Group Communication > Abbreviated Dialing Groups.**
2. Check the **<select>** box at the beginning of each abbreviated dialing group to be deleted. (You can delete multiple abbreviated dialing groups in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the abbreviated dialing group(s) or click **Back to List** to cancel the deletion and return to the **Abbreviated Dialing Groups List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Abbreviated Dialing Group Details

This screen displays and collects information about intercom groups.

The screenshot shows the 'Edit Abbreviated Dialing Group' interface. At the top left is an 'Apply Changes' button. Below it are two input fields: 'Group Name' (empty) and 'Group Number' (containing '1'). A table with three columns is present: 'Dial Code', 'Number', and 'Label'. The table has 14 rows, with dial codes ranging from 01 to 14. Each row has empty input fields for the 'Number' and 'Label' columns.

Field	Contains
Group Name	Administered abbreviated dialing group name.
Group Number	Abbreviated dialing group number.
Dial Code	The digits the user dials to access this dial code entry.
Number	<p>The number the administrator want the system to dial when users enter this dial code. Twenty-four characters maximum. The dial code may contain the following:</p> <ul style="list-style-type: none"> • Digits 0 to 9 • * (star) Part of FAC • # (pound) Part of FAC • ~p Pause 1.5 seconds • ~w Wait for dial tone • ~m Change to out-pulse DTMF digits at the end-to-end rate • ~s Start suppressing display of the digits being outpulsed • ~W Wait indefinitely for dial tone. Use this only if network response time is more than 30 seconds.

Field	Contains
Label	The label for the system-wide Abbreviated Dial buttons on the telephone sets. Fifteen characters maximum.

Button	Action
Discard Changes	Returns to the Abbreviated Dialing Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Auto Attendant Services

Auto Attendants

Auto Attendants List

This screen displays a list of Auto Attendants. There are always four auto attendants. You may edit the four existing entries, but you may not add or delete.

Auto Attendant		
Name	Number	Extension
<u>Auto Attendant 1</u>	1	301
<u>Auto Attendant 2</u>	2	302
<u>Auto Attendant 3</u>	3	303
<u>Auto 4</u>	4	304

Column	Contains
Name	Administrable auto attendant name.
Number	Auto attendant number
Extension	Extension that accesses the auto attendant.

Button	Action
Edit	Opens an Auto Attendant Details screen for the selected auto attendant.

How to Get to the Auto Attendants List

Managed Objects > Configuration > Telephony > Automated Attendant Services > Auto Attendants.

How to Set Up an Auto Attendant

To be added.

How to Edit an Auto Attendant

There are always four auto attendants. You may edit the four existing entries, but you may not add or delete.

1. Navigate to the **Auto Attendants List: Managed Objects > Configuration > Telephony > Automated Attendant Services > Auto Attendants**.
2. Click the **Name** of the auto attendant you wish to edit.
3. In the **Auto Attendant Details** screen, change the information as necessary for the auto attendant.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Auto Attendant: General Tab

This screen displays and collects general information about an auto attendant.

The screenshot shows a web-based configuration interface for an auto attendant. At the top, there's a title bar 'Auto Attendant: 1'. Below it are two buttons: 'Back to List' and 'Apply Changes'. A navigation bar contains tabs: 'General' (selected), 'Fixed Schedule', 'Temporary Schedule', 'Day Menu', and 'Night Menu'. The main form area includes:

- Number:** 1
- Name:** Text input field containing 'Auto Attendant 1'.
- Extension:** Text input field containing '301'.
- Transfer Fax To:** Dropdown menu with 'Email' selected.
- Fax Extension:** Text input field containing '200'.
- Message Waiting Indicator:** Dropdown menu.
- Outgoing Email:** Text input field.
- Mailbox Type:** Dropdown menu with 'Extended' selected.
- Enable Outcalling:** Unchecked checkbox.
- Enable Password Change:** Checked checkbox.

Field	Contains
Number	Auto attendant number.
Name	Administrable auto attendant name.
Extension	Extensions that accesses the auto attendant.
Enable Outcalling	Checkbox.
Enable Password Change	Checkbox.
Transfer Fax To	<ul style="list-style-type: none"> • Email • Extension
Fax Extension	Enabled and required if Transfer Fax To is Extension .
Message Waiting Indicator	Select the extension to receive message waiting indicator.

Field	Contains
Mailbox Type	<ul style="list-style-type: none"> • regular • extended • informational
Outgoing Email	Address for outgoing email. Enabled and required if Transfer Fax To is Email .

Button	Action
Back to List	Returns to the Auto Attendants List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Auto Attendant: Fixed Schedule Tab

This screen displays and collects information for fixed schedule auto attendants.

Day	Open or Closed	Opening Time	Closing Time
Sunday	Closed	00:00	23:59
Monday	Closed	00:00	23:59
Tuesday	Closed	00:00	23:59
Wednesday	Closed	00:00	23:59
Thursday	Closed	00:00	23:59
Friday	Closed	00:00	23:59
Saturday	Closed	00:00	23:59

Column	Contains
	Day of week.
Open or Closed	<ul style="list-style-type: none"> Open Closed
Opening Time	Opening local time of day. 24-hour clock.
Closing Time	Closing local time of day. 24-hour clock.

Button	Action
Back to List	Returns to the Auto Attendants List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Auto Attendant: Temporary Schedule Tab

This screen displays and accepts a temporary schedule of opening and closing hours. These temporary settings override the fixed schedule hours when selected on a day by day basis.

The screenshot shows the 'Auto Attendant: 1' configuration window. At the top, there are buttons for 'Back to List' and 'Apply Changes'. Below are tabs for 'General', 'Fixed Schedule', 'Temporary Schedule' (which is selected), 'Day Menu', and 'Night Menu'. The main area is titled 'Temporary Schedule' and contains a table with columns: Day, Status, Open or Closed, Opening Time, Closing Time, and Use Temp Greeting?. The table lists days from Sunday to Saturday, all with 'Off' status and 'Closed' status, and opening/closing times of 00:00 and 23:59 respectively. To the right of the table are 'Prompt Files' sections for 'Primary Language' and 'Secondary Language', each with a 'Browse...' button and 'Set'/'Get' buttons.

Column	Contains
	Day of week.
Status	<ul style="list-style-type: none"> On Off
Open or Closed	<ul style="list-style-type: none"> Open Closed
Opening Time	Opening local time of day. 24-hour clock.
Closing Time	Closing local time of day. 24-hour clock.
Use Temp Greeting	When checked, use Temporary Greeting instead of regular greeting.
Primary Language (file path)	Path to a .wav file containing the temporary greeting in the primary language.
Primary Language (sec)	Delay before prompting for primary language.

Column	Contains
Secondary Language (file path)	Path to a .wav file containing the temporary greeting in the secondary language.
Secondary Language (sec)	Delay before prompting for secondary language.

Button	Action
Browse	Opens a File Dialog Box to locate the .wav file for the temporary greeting.
Set	Associates the selected .wav file with the auto attendant temporary greeting and language.
Get	
Back to List	Returns to the Auto Attendants List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Auto Attendant: Day Menu Tab

This screen displays and collects information for the auto attendant day menu.

Auto Attendant: 1

Back to List Apply Changes

General Fixed Schedule Temporary Schedule Day Menu Night Menu

Daytime Menu

Key	Selector Code	Action
1		Transfer to voicemail
2		Unused
3		Unused
4		Unused
5		Unused
6		Unused
7		Unused
8		Unused
9		Unused
0/Timeout		Transfer to call answer service oper

Prompt Files

Primary Language (-- sec) Browse... Set Get

Secondary Language (-- sec) Browse... Set Get

Column	Contains
Key	
Selector Code	1-9 and 0/Timeout.

Column	Contains
Action	<ul style="list-style-type: none"> • values for 0/timeout <ul style="list-style-type: none"> ○ Transfer to call answer service operator extension ○ Transfer to general mailbox ○ Transfer to extension ○ Transfer to mailbox ○ Disconnect • values for others <ul style="list-style-type: none"> ○ Unused ○ Play a submenu ○ Play an announcement ○ Direct extension transfer ○ Transfer to extension ○ Transfer to mailbox ○ Transfer to voicemail <p>The value selected for this field controls the possible values for the 'action parameter' field below.</p>
	Action parameter, usually an extension, submenu, or announcement.
Primary Language (file path)	Path to a .wav file containing the daytime greeting in the primary language.
Primary Language (sec)	Delay before prompting for primary language.
Secondary Language (file path)	Path to a .wav file containing the daytime greeting in the secondary language.
Secondary Language (sec)	Delay before prompting for secondary language.

Button	Action
Browse	Opens a File Dialog Box to locate the .wav file for the daytime greeting.
Set	Associates the selected .wav file with the auto attendant daytime greeting and language.

Button	Action
Get	
Back to List	Returns to the Auto Attendants List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Auto Attendant: Night Menu Tab

This screen displays and collects information for the auto attendant night menu.

Auto Attendant: 1

Back to List Apply Changes

General Fixed Schedule Temporary Schedule Day Menu **Night Menu**

Nighttime Menu

Key	Selector Code	Action
1		Transfer to voicemail
2		Unused
3		Unused
4		Unused
5		Unused
6		Unused
7		Unused
8		Unused
9		Unused
0/Timeout		Transfer to general mailbox

Prompt Files

Primary Language (-- sec)
 Browse...
 Set Get

Secondary Language (-- sec)
 Browse...
 Set Get

Column	Contains
Key	
Selector Code	1-9 and 0/Timeout.

Column	Contains
Action	<ul style="list-style-type: none"> • values for 0/timeout <ul style="list-style-type: none"> <input type="radio"/> Transfer to call answer service operator extension <input type="radio"/> Transfer to general mailbox <input type="radio"/> Transfer to extension <input type="radio"/> Transfer to mailbox <input type="radio"/> Disconnect • values for others <ul style="list-style-type: none"> <input type="radio"/> Unused <input type="radio"/> Play a submenu <input type="radio"/> Play an announcement <input type="radio"/> Direct extension transfer <input type="radio"/> Transfer to extension <input type="radio"/> Transfer to mailbox <input type="radio"/> Transfer to voicemail <p>The value selected for this field controls the possible values for the 'action parameter' field below.</p>
	Action parameter, usually an extension, submenu, or announcement.
Primary Language (file path)	Path to a .wav file containing the nighttime greeting in the primary language.
Primary Language (sec)	Delay before prompting for primary language.
Secondary Language (file path)	Path to a .wav file containing the nighttime greeting in the secondary language.
Secondary Language (sec)	Delay before prompting for secondary language.

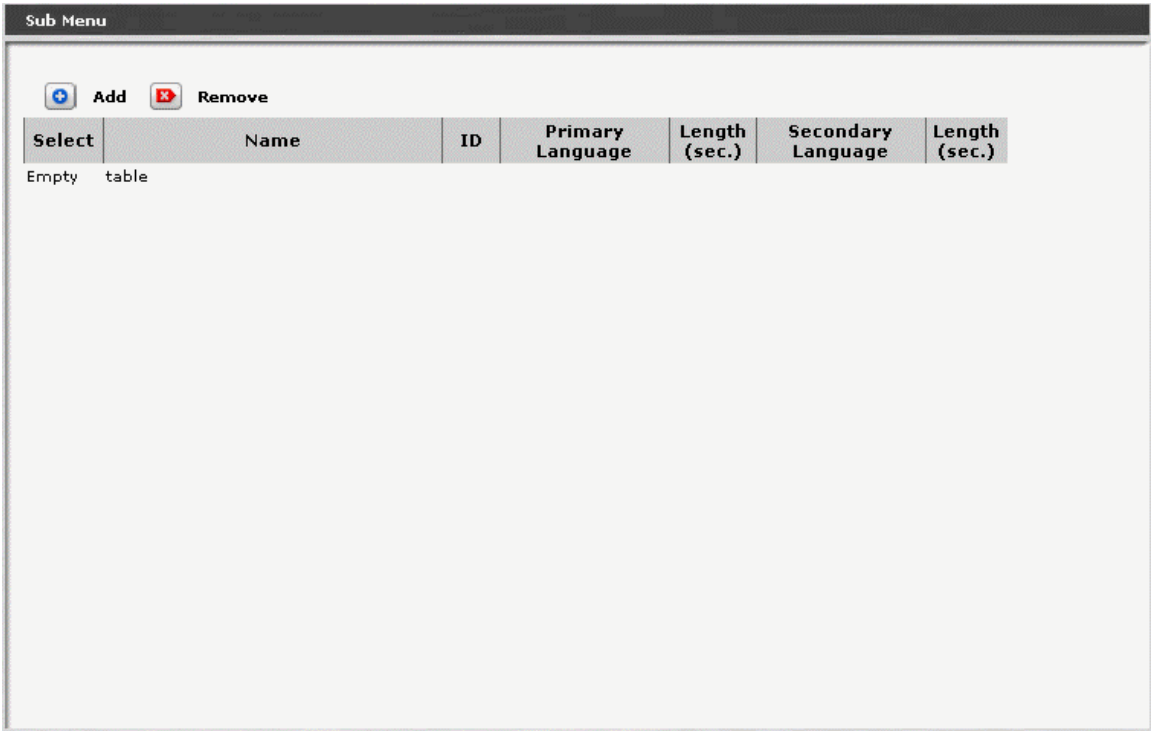
Button	Action
Browse	Opens a File Dialog Box to locate the .wav file for the nighttime greeting.
Set	Associates the selected .wav file with the auto attendant nighttime greeting and language.

Button	Action
Get	
Back to List	Returns to the Auto Attendants List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Sub Menus

Auto Attendant: Sub-Menus List

This screen displays a list of auto attendant sub-menus.



Column	Contains
Select	Check multiple sub-menus to Remove at the same time.
Name	Administrable sub-menu name.
ID	Sub-menu number
Primary Language	The primary language.
Length (sec)	The length of the primary language prompt in seconds.
Secondary Language	The secondary language.
Length (sec)	The length of the secondary language prompt in seconds.

Button	Action
Add	Opens a pre-populated Sub-Menu Details screen for additional editing.
Edit	Opens an Sub-Menu Details screen for the selected sub-menu.
Remove	Deletes (with confirmation) all selected sub-menus.

How to Get to the Sub-Menus List

Managed Objects > Configuration > Telephony > Automated Attendant Services > Sub-Menus.

How to Add a Sub-Menu

1. Navigate to the **Sub Menu List: Managed Objects > Configuration > Telephony > Automated Attendant Services > Sub-Menus.**
2. Click **Add New** to open the **Sub Menu Details** screen.
3. In the **Sub Menu Details** screen, fill in the appropriate information for the new sub menu.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a Sub-Menu

1. Navigate to the **Sub Menu List: Managed Objects > Configuration > Telephony > Automated Attendant Services > Sub-Menus.**
2. Click the **Name** of the sub menu you wish to edit.
3. In the **Sub Menu Details** screen, change the information as necessary for the sub menu.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove a Sub-Menu

1. Navigate to the **Sub Menu List: Managed Objects > Configuration > Telephony > Automated Attendant Services > Sub-Menus.**
2. Check the **<select>** box at the beginning of each sub menu to be deleted. (You can delete multiple sub menus in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the sub menu(s) or click **Back to List** to cancel the deletion and return to the **Sub Menu List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Auto Attendant: Sub-Menu Details

This screen displays and collects auto attendant sub-menu information.

Sub Menu: new

Back to List **Apply Changes**

ID: Name:

Key	Selector Code	Action
1		Unused
2		Unused
3		Unused
4		Unused
5		Unused
6		Unused
7		Unused
8		Unused
9		Unused

Prompt Files

Primary Language: (-- sec)

Secondary Language: (-- sec)

Column	Contains
ID	Sub-menu number.
Name	Administrable sub-menu name.
Key	
Selector Code	1-9 and 0/Timeout.

Column	Contains
Action	<ul style="list-style-type: none"> • values for 0/timeout <ul style="list-style-type: none"> ○ Transfer to call answer service operator extension ○ Transfer to general mailbox ○ Transfer to extension ○ Transfer to mailbox ○ Disconnect • values for others <ul style="list-style-type: none"> ○ Unused ○ Play a submenu ○ Play an announcement ○ Direct extension transfer ○ Transfer to extension ○ Transfer to mailbox ○ Transfer to voicemail <p>The value selected for this field controls the possible values for the 'action parameter' field below.</p>
	Action parameter, usually an extension, submenu, or announcement.
Primary Language (file path)	Path to a .wav file containing the sub-menu greeting in the primary language.
Primary Language (sec)	Delay before prompting for primary language.
Secondary Language (file path)	Path to a .wav file containing the sub-menu greeting in the secondary language.
Secondary Language (sec)	Delay before prompting for secondary language.

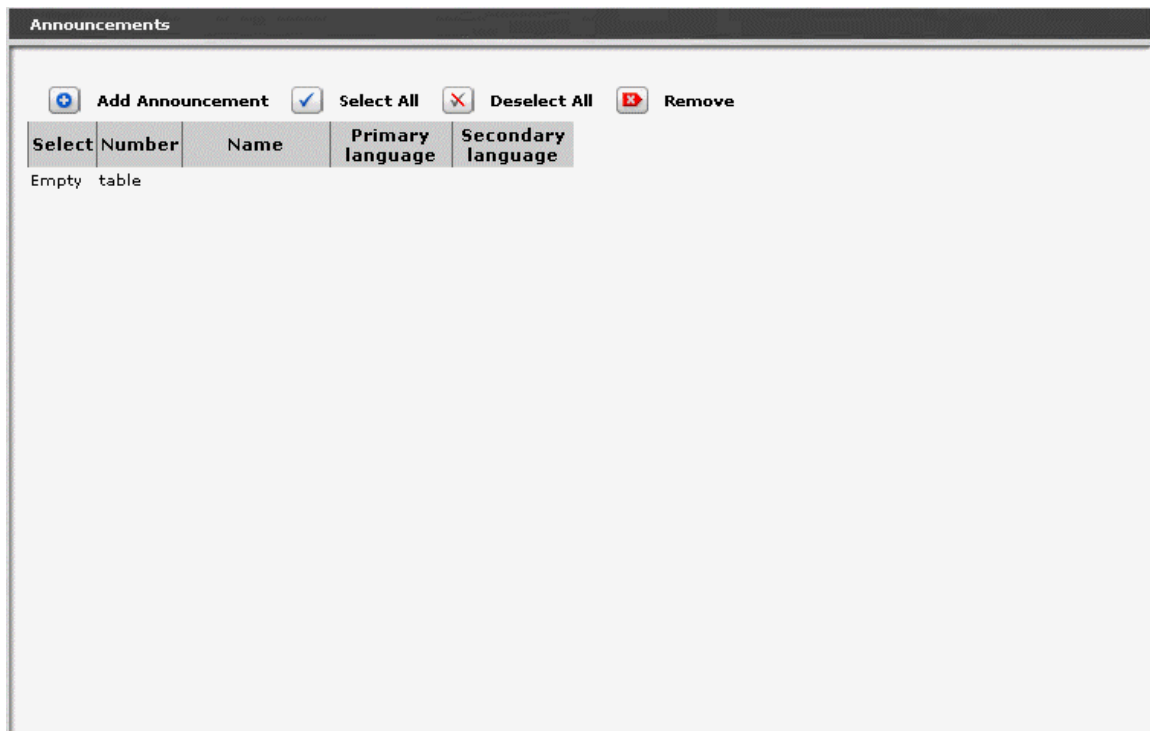
Button	Action
Browse	Opens a File Dialog Box to locate the .wav file for the sub-menu greeting.
Set	Associates the selected .wav file with the sub-menu greeting and language.

Button	Action
Get	
Back to List	Returns to the Sub-Menu List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Announcements

Announcements List

This screen displays a list of all administered announcements:



Column	Contains
<Select>	Check multiple announcements to Remove at the same time.
Number	Announcement number.
Name	Symbolic name describing the announcement message. Up to 27-character alpha-numeric filename.
Primary Language	The primary language.
Secondary Language	The secondary language.

Button	Action
Add Announcement	Opens the Announcement Details screen for creating a new entry.

Button	Action
Select All	Checks Select checkbox on all announcements.
Deselect All	Clears Select checkbox on all announcements.
Remove	Deletes (with confirmation) all selected announcements.

How to Get to the Announcements Screen

Managed Objects > Configuration > Telephony > Automated Attendant Services > Announcements.

How to Add an Announcement

1. Navigate to the **Announcements List: Managed Objects > Resources > Announcements** or **Managed Objects > Configuration > Telephony > Automated Attendant Services > Announcements**.
2. Click **Add Announcement** to open the [Announcement Details](#) screen.
3. In the [Announcement Details](#) screen, fill in the appropriate information for the new announcement.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit an Announcement

1. Navigate to the **Announcements List: Managed Objects > Resources > Announcements** or **Managed Objects > Configuration > Telephony > Automated Attendant Services > Announcements**.
2. Click the **Name** of the announcement you wish to edit.
3. In the **Announcement Details** screen, change the information as necessary for the announcement.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove an Announcement

1. Navigate to the **Announcements List: Managed Objects > Configuration > Telephony > Automated Attendant Services > Announcements**.
2. Check the **<select>** box at the beginning of each announcement to be deleted. (You can delete multiple announcements in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the announcement(s) or click **Back to List** to cancel the deletion and return to the **Announcements List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Announcement Details

This screen displays details for the selected announcement:

Field	Contains
Number	The announcement number.
Name	The administered name for the announcement.
Primary Language (file path)	Path to a .wav file containing the announcement in the primary language.
Primary Language (sec)	Length (in seconds) of the announcement in the primary language.
Secondary Language (file path)	Path to a .wav file containing the announcement in the secondary language.
Secondary Language (sec)	Length (in seconds) of the announcement in the secondary language.

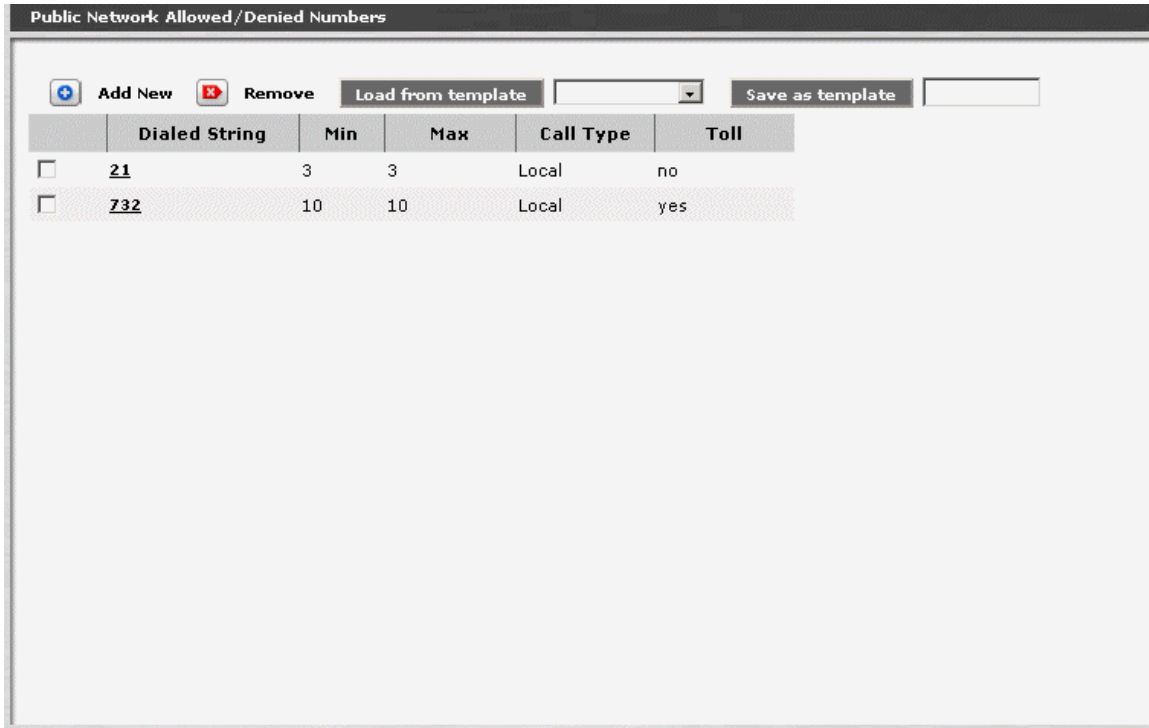
Button	Action
Browse	Opens a File Dialog Box to locate the .wav file for the announcement.
Set	Associates the selected .wav file with the announcement and language.
Get	
Back to List	Returns to the Announcements List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the msec) or another entry under Managed Objects .

Public Networking

Allowed/Denied Numbers

Allowed/Denied Numbers List

This screen displays a list of patterns for determining allowed and denied numbers.



Column	Contains
Select	Check multiple Allowed/Denied Numbers entries to Remove at the same time.
Dialed String	
Min	Minimum number of digits to match.
Max	Maximum number of digits to match.
Call Type	<ul style="list-style-type: none"> • Crisis Alert • Emergency • International • Local • Toll • Deny
Toll	

Button	Action
Add New	Opens a pre-populated Allowed/Denied Number Details screen for additional editing.
Edit	Opens a pre-populated Allowed/Denied Number Details screen for additional editing.
Remove	Deletes (with confirmation) all selected allowed/denied numbers.

How to Get to the Allowed/Denied Number List Screen

Managed Objects > Configuration > Telephony > Public Networking > Allowed/Denied Numbers.

How to Add an Allowed/Denied Number

1. Navigate to the **Allowed/Denied Numbers List: Managed Objects > Configuration > Telephony > Public Networking > Allowed/Denied Numbers.**
2. Click **Add New** to open a blank **Allowed/Denied Number Details** screen.
3. Enter the required information to define the match.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit an Allowed/Denied Number

1. Navigate to the **Allowed/Denied Numbers List: Managed Objects > Configuration > Telephony > Public Networking > Allowed/Denied Numbers.**
2. Click the **Dialed String** of the allowed/denied number you wish to edit.
3. In the **Allowed/Denied Number Details** screen, change the information as necessary for the allowed/denied number.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.



How to Remove an Allowed/Denied Number

1. Navigate to the **Allowed/Denied Numbers List: Managed Objects > Configuration > Telephony > Public Networking > Allowed/Denied Numbers.**
2. Check the **<select>** box at the beginning of each allowed/denied number to be deleted. (You can delete multiple allowed/denied numbers in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the allowed/denied number(s) or click **Back to List** to cancel the deletion and return to the **Allowed/Denied Numbers List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Allowed/Denied Number Details

This screen displays and collects information about a pattern for allowed or denied numbers.

Public Network Allowed/Denied Numbers: 732

 **Back to List**
 **Apply Changes**

Dialed String <input style="width: 90%;" type="text" value="732"/>	Minimum digits collected to match dialed string <input style="width: 90%;" type="text" value="10"/>	Maximum digits collected to match dialed string <input style="width: 90%;" type="text" value="10"/>
Call Type <input style="width: 90%;" type="text" value="Local"/>	<input checked="" type="checkbox"/> Toll	



Field	Contains
Dialed String	The string to match.
Min	Minimum number of digits to match.
Max	Maximum number of digits to match.
Call Type	<ul style="list-style-type: none"> • Crisis Alert • Emergency • International • Local • Toll • Deny
Toll	

Button	Action
Back to List	Returns to the Allowed/Denied Numbers List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Incoming Call Handling Treatment

Incoming Call Handling Treatments List

This screen displays a list of patterns for determining special call treatment.

Incoming Call Handling Treatment							
 Add	 Remove						
Select	Trunk Group	Incoming Called Number	Incoming Called Number Length	Per Call CPN/BN	Delete Digits	Insert Digits	Extension
<input type="checkbox"/>	Inter-Branch	502	6		3		

Column	Contains
Select	Check multiple Call Handling Treatment entries to Remove at the same time.
Trunk Group	The trunk group on which the call is received.
Incoming Called Number	The dialed number
Incoming Called Number Length	The number of digits dialed.
Per Call CPN/BN	<ul style="list-style-type: none"> • bn-only • bn-pref • cpn-only • cpn-pref • none
Delete Digits	Removes the indicated number of digits from the beginning of the dial string.

Column	Contains
Insert Digits	Inserts the indicated digits at the beginning of the dial string.
Extension	A matching call goes directly to the indicated extension.

Button	Action
Add	Opens a pre-populated Call Handling Treatment Details screen for additional editing.
Remove	Deletes (with confirmation) all selected call handling treatments.

How to Get to the Incoming Call Handling Treatment List Screen

Managed Objects > Configuration > Telephony > Public Networking > Incoming Call Handling Treatments.

How to Add an Incoming Call Handling Treatment

1. Navigate to the **Incoming Call Handling Treatments List: Managed Objects > Configuration > Telephony > Public Networking > Incoming Call Handling Treatments.**
2. Click **Add New** to open a blank **Incoming Call Handling Treatment Details** screen.
3. Enter the required information to define the match.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit an Incoming Call Handling Treatment

1. Navigate to the **Incoming Call Handling Treatments List: Managed Objects > Configuration > Telephony > Public Networking > Incoming Call Handling Treatments.**
2. Click the **?????** of the incoming call handling treatment you wish to edit.
3. In the **Incoming Call Handling Treatment Details** screen, change the information as necessary for the incoming call handling treatment.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove an Incoming Call Handling Treatment

1. Navigate to the **Incoming Call Handling Treatments List: Managed Objects > Configuration > Telephony > Public Networking > Incoming Call Handling Treatments.**
2. Check the **<select>** box at the beginning of each incoming call handling treatment to be deleted. (You can delete multiple incoming call handling treatments in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the incoming call handling treatment(s) or click **Back to List** to cancel the deletion and return to the **Incoming Call Handling Treatments List**.

5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Incoming Call Handling Treatment Details

This screen displays and collects information about a pattern for special treatment numbers.

Add Incoming Call Handling Treatment

Apply Changes

<p>Trunk Group</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">isdn</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">isdn</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">502</div>	<p>PerCallCPNBN</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">bn-only</div> <p>Called Number Length</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">6</div>	
<p><input checked="" type="radio"/> Digits:</p> <p><input type="radio"/> Extension:</p>	<p>Delete Digits</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">3</div> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;">▼</div>	<p>Insert Digits</p> <div style="border: 1px solid #ccc; padding: 2px; margin-bottom: 5px;"></div>

Field	Contains
Trunk Group	The trunk group on which the call is received.
Called Number	The dialed number.
PerCallCPNBN	<ul style="list-style-type: none"> bn-only bn-pref cpn-only cpn-pref none
Called Number Length	The number of digits dialed.
Radio Buttons	<ul style="list-style-type: none"> Digits - Enables Delete Digits and Insert Digits. Extensions - Enables Extension drop-down.
Delete Digits	Removes the indicated number of digits from the beginning of the dial string.
Insert Digits	Inserts the indicated digits at the beginning of the dial string.

Field	Contains
<extensions>	A matching call goes directly to the indicated extension.

Button	Action
Back to List	Returns to the Call Handling Treatments List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

ISDN Numbering Public / Unknown

ISDN Numbering Public/Unknown List

Not available.

ISDN Numbering Public Unknown			
Extension Leading Digits	Extended Code	CPN Prefix	Total CPN Length
3	2		3
3	3		3
3	4		3
3	5		3
3	6		3
3	7		3

Column	Contains
Extension Leading Digits	
Extended Code	
CPN Prefix	
Total CPN Length	

Missing Add and Remove buttons.

How to Get to the ISDN Numbering Public Unknown List Screen

Managed Objects > Configuration > Telephony > Public Networking > ISDN Numbering Public Unknown.

How to Add an ISDN Numbering Public Unknown

1. Navigate to the **Incoming Call Handling Treatments List: Managed Objects > Configuration > Telephony > Public Networking > ISDN Numbering Public Unknown**.
2. Click **Add New** to open a blank **ISDN Numbering Public Unknown Details** screen.
3. Enter the required information to define the match.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit an ISDN Numbering Public Unknown

1. Navigate to the **Incoming Call Handling Treatments List: Managed Objects > Configuration > Telephony > Public Networking > ISDN Numbering Public Unknown**.
2. Click the **?????** of the ISDN Numbering Public Unknown you wish to edit.
3. In the **ISDN Numbering Public Unknown Details** screen, change the information as necessary for the incoming ISDN Numbering Public Unknown.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove an ISDN Numbering Public Unknown

1. Navigate to the **Incoming Call Handling Treatments List: Managed Objects > Configuration > Telephony > Public Networking > ISDN Numbering Public Unknown**.
2. Check the **<select>** box at the beginning of each ISDN Numbering Public Unknown to be deleted. (You can delete multiple ISDN Numbering Public Unknowns in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the ISDN Numbering Public Unknown(s) or click **Back to List** to cancel the deletion and return to the **ISDN Numbering Public Unknown List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

ISDN Numbering Public/Unknown Details

Not Available.

← Back to List↻ Apply Changes

Number Of Extension Leading Digits

Extension Code

CPN Prefix

Total CPN Length

Column	Contains
Extension Leading Digits	
Extended Code	
CPN Prefix	
Total CPN Length	

Button	Action
Back to List	Returns to the ISDN Number Public Unknown screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Trunk Groups

Trunk Groups: List

This screen displays a list of trunk groups.

	Name	Group Number	Type	Members	Private
<input type="checkbox"/>	myco	5	CO	1	
<input type="checkbox"/>	isdn	4	ISDN-PRI	23	

Column	Contains
<select>	Check multiple trunk group entries to Remove at the same time.
Name	Trunk group name. Up to 27 alpha-numeric characters. The tilde character (~) as the first two characters of a name prevents inclusion of the name in the directory, but still allows display.
Group Number	Trunk Group Number.
Type	<ul style="list-style-type: none"> • CO • DID • CO-TIE • ISDN
Members	Number of trunks in the group.
Private	

Button	Action
Add New	Opens the Add Trunk Group screen for additional editing.
Remove	Deletes (with confirmation) all selected trunk groups.

How to Get to the Trunk Groups List Screen

Managed Objects > Configuration > Telephony > Public Networking > Trunk Groups.

How to Add a Trunk Group

1. Navigate to the **Trunk Groups List: Managed Objects > Configuration > Telephony > Public Networking > Trunk Groups**.
2. Click **Add New** to open a dialog box asking you to enter the new trunk group **Name** and select the **Trunk Type** and **DS-1 Signaling Mode** (if appropriate) from drop-down lists.
3. Click **Continue**. The **Trunk Group Details: General Tab** screen displays. The format of the **Trunk Group Details** screen varies with the type of trunk selected when adding the trunk group.
4. In each tab of the **Trunk Group Details** screen, fill in the appropriate information for the new trunk group.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a Trunk Group

1. Navigate to the **Trunk Groups List: Managed Objects > Configuration > Telephony > Public Networking > Trunk Groups**.
2. Click the **Name** of the trunk group you wish to edit.
3. In the **Trunk Group Details** screen, change the information as necessary for the trunk group. The format of the **Trunk Group Details** screen varies with the type of trunk selected when adding the trunk group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove a Trunk Group

1. Navigate to the **Trunk Groups List: Managed Objects > Configuration > Telephony > Public Networking > Trunk Groups**.
2. Check the **<select>** box at the beginning of each trunk group to be deleted. (You can delete multiple trunk groups in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the trunk group(s) or click **Back to List** to cancel the deletion and return to the **Trunk Groups List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Trunk Groups: Add Trunk

This screen collects basic information about a trunk group before adding the trunk group.

Add Trunk Group

Specify the following required information and then click **Continue**.

Trunk Type	DS1 Signaling Mode
<input type="text" value="CO"/>	<input type="text" value="isdn-pri"/>
Name	
<input type="text"/>	
<input type="checkbox"/> Use this boilerplate	
<input type="text"/>	

Field	Contains
Trunk Type	<ul style="list-style-type: none"> • CO • DID • CO-TIE • ISDN
Name	Trunk group name. 27 alpha-numeric chars The tilde character (~) as the first two characters of a name prevents inclusion of the name in the directory, but still allows display.
Use this boilerplate	Select an existing trunk as a template to pre-populate fields.
DS-1 Signaling Mode	<ul style="list-style-type: none"> • isdn-bri • isdn-pri

Button	Action
Continue	Continue to the next step in defining a trunk group.

Button	Action
Cancel	Cancels add or change.

CO Trunk Groups

CO Trunk Groups: General Tab

This tab displays and collects general information about a CO trunk group.

The screenshot shows the 'Add CO Trunk Group' configuration window with the 'General' tab selected. The fields are as follows:

- Name:** cot
- Name (UNICODE):** cot
- TAC:** *02 (dropdown menu is open showing options: *02, *03, *04, *05, *06, *07)
- Trunk Type:** loop-start
- Incoming Destination:** (empty dropdown)
- Country:** 1 - U.S. and Canada
- Private:**

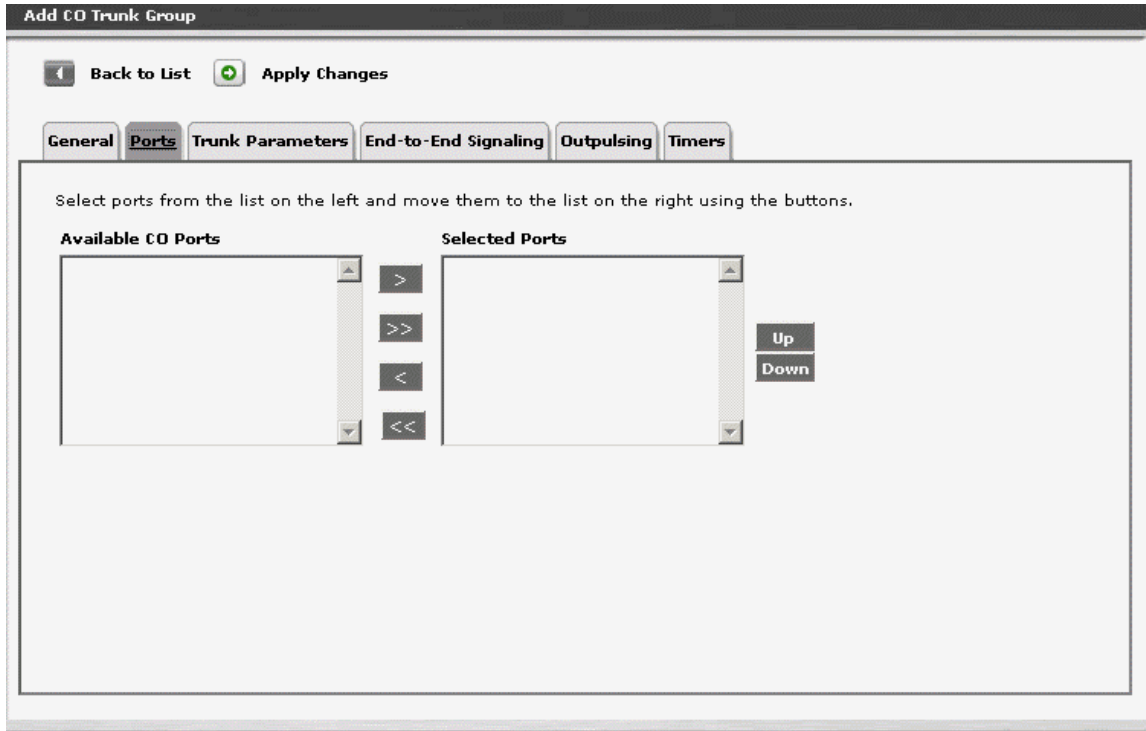
Field	Contains
Name	Trunk group name.
Name (UNICODE)	
TAC	Trunk access code.
Private	Checkbox.
Trunk Type	<ul style="list-style-type: none"> • loop-start [default] • ground-start • auto/auto • auto/delay • auto/immed • auto/wink
Incoming Destination	If the trunk group is to be used for inbound traffic, an incoming destination should be set. This is a mandatory field.

Field	Contains
Private	
Country	

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO Trunk Groups: Ports Tab

This screen displays and collects information about ports associated with a trunk group.



Field	Contains
Available CO Ports	All available CO ports are presented.
Selected Ports	The selected ports are listed.

Button	Action
>	Move the selected items in the Available CO Ports list to the Selected Ports list.
>>	Move all items in the Available CO Ports list to the Selected Ports list.
<	Remove the selected items in the Selected Ports list and return them to the Available CO Ports list.
<<	Remove all items in the Selected Ports list and return them to the Available CO Ports list.
Up	Moves the selected port up one position in the Selected Ports list.

Button	Action
Down	Moves the selected port down one position in the Selected Ports list.
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO Trunk Groups: Trunk Parameters Tab

This screen displays and collects trunk parameters.

Field	Contains
Outgoing Dial Type	<ul style="list-style-type: none"> tone rotary
Trunk Termination	<ul style="list-style-type: none"> rc 600 ohm
Trunk Gain	<ul style="list-style-type: none"> low high
Suppress # Outpulsing	Checkbox.
Incoming Disconnect Supervision	Checkbox.
Outgoing Disconnect Supervision	Checkbox.
Receive Answer Supervision	Checkbox.

Field	Contains
Answer Supervision Timeout	

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO Trunk Groups: End-to-End Signalling Tab

This screen displays and collects information about end-to-end signalling.

Field	Contains
Programmed Dial Pause	Set the exact duration of pauses used during abbreviated dialing, ARS outpulsing, and terminal dialing operations. (msec, 100-25,500 increments of 100.) [default=1500]
Tone	Duration. (msec, 20-2550 increments of 10.) [default = 350]
Pause	The minimum acceptable interval (pause) between DTMF tones sent from a hybrid telephone. (msec, 20-2,550 increments of 10.) [default=150]

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO Trunk Groups: Outpulsing Tab

This screen displays and collects information about outpulsing.

The screenshot shows the 'Add CO Trunk Group' configuration window with the 'Outpulsing' tab selected. At the top, there are 'Back to List' and 'Apply Changes' buttons. Below the tabs, the 'Outpulsing' section contains the following fields:

- PPS:** Two radio buttons are present, with '10' selected and '20' unselected.
- Make:** A text input field containing '40' with '(msec. increment 5)' to its right.
- Break:** A text input field containing '60' with '(msec. increment 5)' to its right.

Field	Contains
PPS	<p>The rate (pulses per second) at which outgoing rotary pulses are sent over this trunk group.</p> <ul style="list-style-type: none"> • 10 [default] • 28
Make	<p>The duration of the make interval (the pause between pulses) while the system is outpulsing digits using dial pulse signaling. The field cannot be blank.</p> <p>The sum of make and break value must be equal to 100.</p> <p>(msec, 10-40 increments of 5.) [default=40]</p>
Break	<p>The duration of the break interval (the pulse duration) while the system is outpulsing digits using dial pulse signaling. The field cannot be blank.</p> <p>The sum of make and break value must be equal to 100.</p>

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO Trunk Groups: Timers Tab

This screen displays and collects information about trunk timing.

The screenshot shows the 'Add CO Trunk Group' configuration interface with the 'Timers' tab selected. The interface includes a 'Back to List' button and an 'Apply Changes' button. Below the navigation tabs, the following timer settings are visible:

- Incoming Disconnect:** Input field: 500 (Range: 50..2550 msec. Increment by 10)
- Outgoing Disconnect:** Input field: 500 (Range: 50..2550 msec. Increment by 10)
- Outgoing Dial Guard:** Input field: 1600 (Range: 100..25500 msec. Increment by 100)
- Incoming Glare Guard:** Input field: 1500 (Range: 100..25500 msec. Increment by 100)
- Outgoing Glare Guard:** Input field: 1500 (Range: 100..25500 msec. Increment by 100)
- Ringing Monitor:** Input field: 5200 (Range: 200..51000 msec. Increment by 200)
- Incoming Seizure:** Input field: 500 (Range: 20..2550 msec. Increment by 10)
- Disconnect Timing:** Input field: 500 (Range: 140..2550 msec. Increment by 10)
- Outgoing Seizure Response:** Input field: 5 (Range: 1..255 sec.)

Field	Contains
Incoming Disconnect	The minimum valid duration of a disconnect signal for an incoming call. LFS will not recognize shorter disconnect signals. This field cannot be blank. For Brazil pulsed E&M signaling, use 600. (msec, 50-2550 increments of 10.) [default = 500]
Outgoing Disconnect	The minimum valid duration of a disconnect signal for an outgoing call. LFS will not recognize shorter disconnect signals. This field cannot be blank. This timer begins timing when a disconnect signal is detected on an outgoing call and resets when the signal is no longer detected. If the timer expires, the trunk drops. (msec, 50-2550 increments of 10.) [default = 500]
Outgoing Dial Guard	The minimum interval between seizure acknowledgment of a trunk and the outpulsing of digits. This field cannot be blank. For trunks that do not provide seizure acknowledgment, the timer specifies the minimum time between seizure and the outpulsing of digits. Any digit the caller dials after they lift the receiver, but before the timer expires, is not outpulsed until the timer expires. (msec, 100-25500 increments of 100.) [default = 1600]

Field	Contains
Incoming Glare Guard	The minimum interval that must elapse between a trunk's release from an incoming call and its seizure for an outgoing call. This field cannot be blank. This delay gives the far-end time to release all equipment after the trunk is released. (msec, 100-25500 increments of 100.) [default = 1500]
Outgoing Glare Guard	The minimum interval that must elapse between a trunk's release from an outgoing call and its seizure for another outgoing call. This field cannot be blank. This delay gives the far-end time to release all equipment after the outgoing trunk is released. (msec, 100-25500 increments of 100.) [default = 1500]
Ringing Monitor	Enter the minimum time LFS requires to determine if a trunk disconnects. The field cannot be blank. If the ringing signal disappears for a duration longer than the time specified in this field, LFS assumes the call has been disconnected. (msec, 200-51000 increments of 200.) [default = 5200]
Incoming Seizure	The duration of the shortest incoming seizure signal your server running Communication Manager can recognize. For ICLID, set this field to 120. The field cannot be blank. (msec, 20-2550 increments of 10.) [default = 500]
Outgoing End of Dial	The maximum time, in seconds, that LFS will wait to receive answer supervision for outgoing calls on the ports controlled by firmware timers. (seconds, 1-254.) [default = 10]
Outgoing Seizure Response	The maximum interval that LFS should wait after sending a seizure signal to receive seizure acknowledgment from the far-end. If the acknowledgment is not received in this time, a seizure failure response is uplinked. (seconds, 1-254.) [default = 5]

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO TIE Trunk Groups

CO TIE Trunk Groups: General Tab

This tab displays and collects general information about a TIE trunk group.

The screenshot shows the 'Add CO-TIE Trunk Group' configuration page. At the top, there are 'Back to List' and 'Apply Changes' buttons. Below are tabs for 'General', 'Ports', 'Trunk Parameters', 'End-to-End Signaling', 'Outpulsing', and 'Timers'. The 'General' tab is active, showing the following fields:

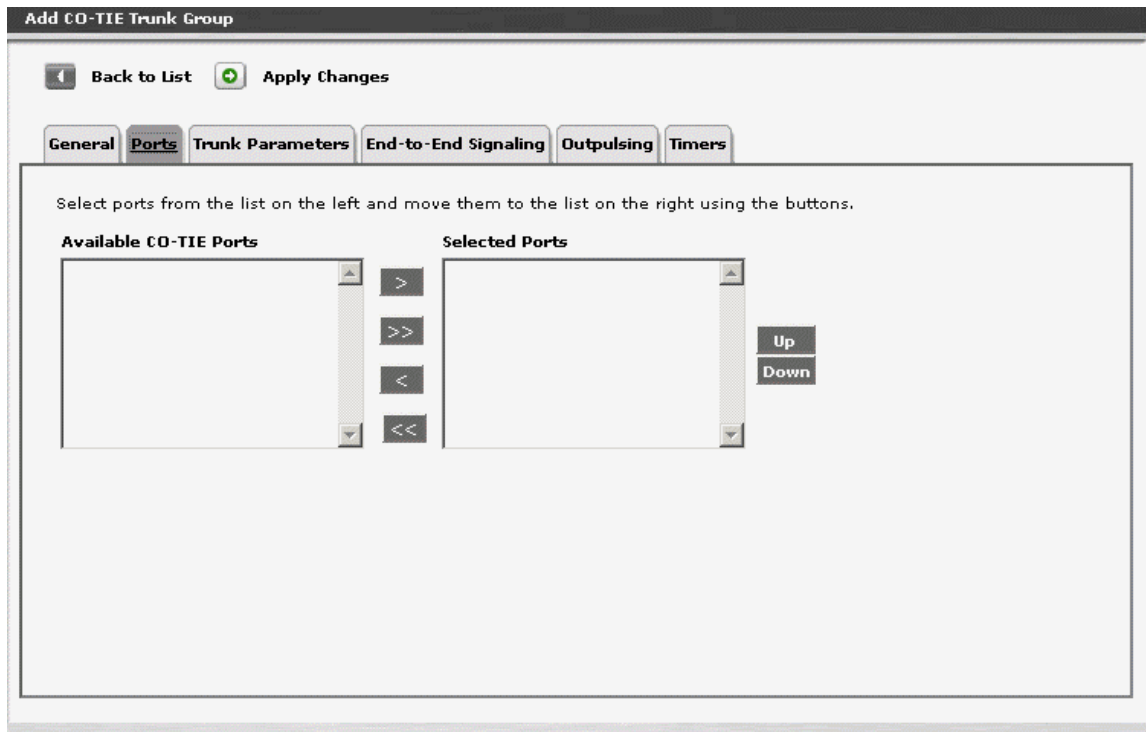
- Name:** A text input field containing 'cotiet'.
- Name (UNICODE):** An empty text input field.
- TAC:** A dropdown menu.
- Trunk Type:** A dropdown menu with 'auto/wink' selected.
- Incoming Destination:** A dropdown menu.
- Private:** A checkbox that is currently unchecked.

Field	Contains
Name	Trunk group name.
Name (UNICODE)	
TAC	Trunk access code.
Trunk Type	<ul style="list-style-type: none"> • loop-start [default] • ground-start • auto/auto • auto/delay • auto/immed • auto/wink
Incoming Destination	If the trunk group is to be used for inbound traffic, an incoming destination should be set. This is a mandatory field.
Private	Checkbox.

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO TIE Trunk Groups: Ports Tab

This screen displays and collects information about ports associated with a trunk group.



Field	Contains
Available CO-TIE Ports	All available CO-TIE ports are presented.
Selected Ports	The selected ports are listed.

Button	Action
>	Move the selected items in the Available CO-TIE Ports list to the Selected Ports list.
>>	Move all items in the Available CO-TIE Ports list to the Selected Ports list.
<	Remove the selected items in the Selected Ports list and return them to the Available CO-TIE Ports list.
<<	Remove all items in the Selected Ports list and return them to the Available CO-TIE Ports list.

Button	Action
Up	Moves the selected port up one position in the Selected Ports list.
Down	Moves the selected port down one position in the Selected Ports list.
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO TIE Trunk Groups: Trunk Parameters Tab

This screen displays and collects trunk parameters.

The screenshot shows the 'Add CO-TIE Trunk Group' configuration interface. At the top, there are 'Back to List' and 'Apply Changes' buttons. Below are tabs for 'General', 'Ports', 'Trunk Parameters', 'End-to-End Signaling', 'Outpulsing', and 'Timers'. The 'Trunk Parameters' tab is active, displaying the following settings:

- Outgoing Dial Type: **tone** (dropdown)
- Incoming Dial Type: **tone** (dropdown)
- Sig Bit Inversion: **none** (dropdown)
- Suppress # Outpulsing:
- Incoming Disconnect Supervision:
- Outgoing Disconnect Supervision:
- Receive Answer Supervision:
- Answer Supervision Timeout: **10** (0..250)

Field	Contains
Outgoing Dial Type	<ul style="list-style-type: none"> • tone • rotary
Incoming Dial Type	<ul style="list-style-type: none"> • tone • rotary
Sig Bit Inversion	<ul style="list-style-type: none"> • a • a&b • b • none
Suppress # Outpulsing	Checkbox.
Incoming Disconnect Supervision	Checkbox.
Outgoing Disconnect Supervision	Checkbox.

Field	Contains
Receive Answer Supervision	Checkbox.
Answer Supervision Timeout	

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO TIE Trunk Groups: End-to-End Signaling Tab

This screen displays and collects information about end-to-end signalling.

The screenshot shows the 'Add CO-TIE Trunk Group' configuration interface. At the top, there are two buttons: 'Back to List' and 'Apply Changes'. Below these are several tabs: 'General', 'Ports', 'Trunk Parameters', 'End-to-End Signaling' (which is selected), 'Outpulsing', and 'Timers'. The main content area contains three input fields with their respective values and ranges:

- Programmed Dial Pause:** 1500 (100..25500 msec. increment 100)
- Tone:** 350 (20..2550 msec. increment 10)
- Pause:** 150 (20..2550 msec. increment 10)

Field	Contains
Programmed Dial Pause	Set the exact duration of pauses used during abbreviated dialing, ARS outpulsing, and terminal dialing operations. (msec, 100-25,500 increments of 100.) [default=1500]
Tone	Duration. (msec, 20-2550 increments of 10.) [default = 350]
Pause	The minimum acceptable interval (pause) between DTMF tones sent from a hybrid telephone. (msec, 20-2,550 increments of 10.) [default=150]

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO TIE Trunk Groups: Outpulsing Tab

This screen displays and collects information about outpulsing.

Field	Contains
PPS	The rate (pulses per second) at which outgoing rotary pulses are sent over this trunk group. <ul style="list-style-type: none"> • 10 [default] • 28
Make	The duration of the make interval (the pause between pulses) while the system is outpulsing digits using dial pulse signaling. The field cannot be blank. The sum of make and break value must be equal to 100. (msec, 10-40 increments of 5.) [default=40]
Break	The duration of the break interval (the pulse duration) while the system is outpulsing digits using dial pulse signaling. The field cannot be blank. The sum of make and break value must be equal to 100.

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CO TIE Trunk Groups: Timers Tab

This screen displays and collects information about trunk timing.

Field	Contains
Disconnect Timing	
Incoming Disconnect	The minimum valid duration of a disconnect signal for an incoming call. LFS will not recognize shorter disconnect signals. This field cannot be blank. For Brazil pulsed E&M signaling, use 600. (msec, 50-2550 increments of 10.) [default = 500]
Outgoing Disconnect	The minimum valid duration of a disconnect signal for an outgoing call. LFS will not recognize shorter disconnect signals. This field cannot be blank. This timer begins timing when a disconnect signal is detected on an outgoing call and resets when the signal is no longer detected. If the timer expires, the trunk drops. (msec, 50-2550 increments of 10.) [default = 500]
Incoming Dial Guard	

Field	Contains
Outgoing Dial Guard	The minimum interval between seizure acknowledgment of a trunk and the outpulsing of digits. This field cannot be blank. For trunks that do not provide seizure acknowledgment, the timer specifies the minimum time between seizure and the outpulsing of digits. Any digit the caller dials after they lift the receiver, but before the timer expires, is not outpulsed until the timer expires. (msec, 100-25500 increments of 100.) [default = 1600]
Disconnect Signal Error	
Incoming Glare Guard	The minimum interval that must elapse between a trunk's release from an incoming call and its seizure for an outgoing call. This field cannot be blank. This delay gives the far-end time to release all equipment after the trunk is released. (msec, 100-25500 increments of 100.) [default = 1500]
Outgoing Glare Guard	The minimum interval that must elapse between a trunk's release from an outgoing call and its seizure for another outgoing call. This field cannot be blank. This delay gives the far-end time to release all equipment after the outgoing trunk is released. (msec, 100-25500 increments of 100.) [default = 1500]
Outgoing Seizure Response	The maximum interval that LFS should wait after sending a seizure signal to receive seizure acknowledgment from the far-end. If the acknowledgment is not received in this time, a seizure failure response is uplinked. (seconds, 1-254.) [default = 5]
Incoming Incomplete Dial Alarm	

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

DID Trunk Groups

DID Trunk Groups: General Tab

This tab displays and collects general information about a DID trunk group.

The screenshot shows the 'Add DID Trunk Group' configuration interface. At the top, there are two buttons: 'Back to List' and 'Apply Changes'. Below these are four tabs: 'General', 'Ports', 'Trunk Parameters', and 'Timers'. The 'General' tab is active. The form contains the following fields:

- Name:** Text input field containing 'didt'.
- Name (UNICODE):** Empty text input field.
- TAC:** Dropdown menu.
- Trunk Type:** Dropdown menu with 'immed-start' selected.
- Country:** Dropdown menu with '1 - U.S. and Canada' selected.

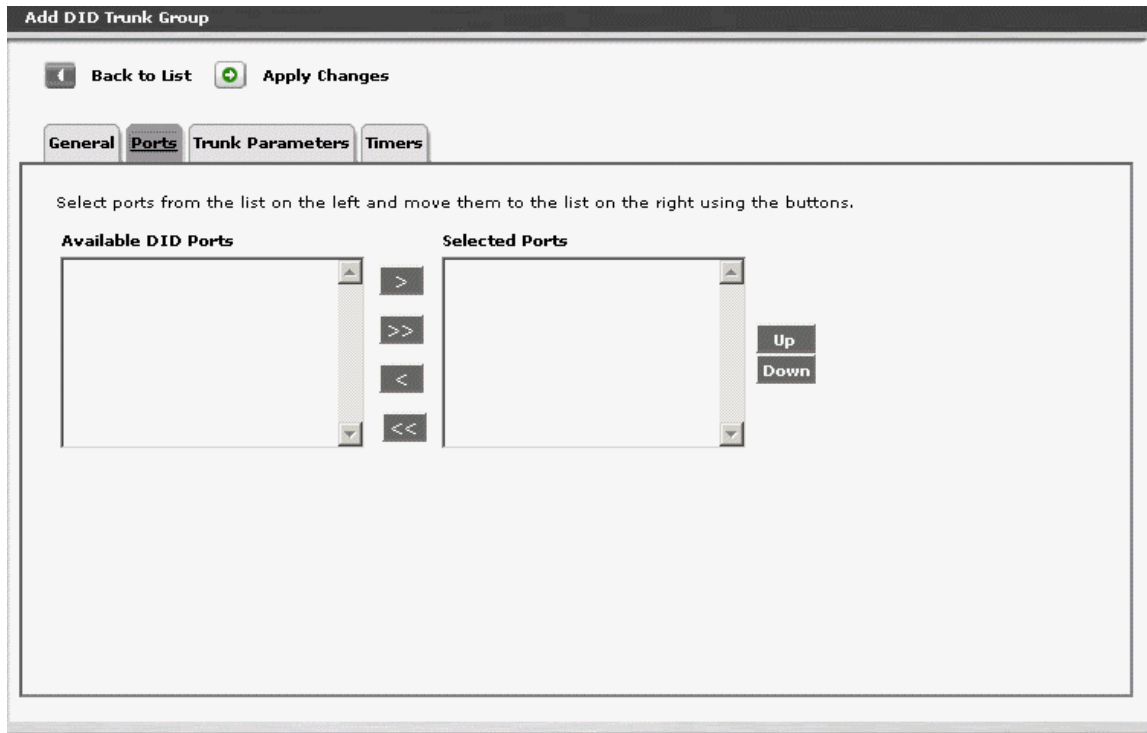
Field	Contains
Name	Trunk group name.
Name (UNICODE)	
TAC	Trunk access code.
Trunk Type	<ul style="list-style-type: none"> • immed-start • wink-start
Country	

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

DID Trunk Groups: Ports Tab

This screen displays and collects information about ports associated with a trunk group.



Field	Contains
Available DID Ports	All available DID ports are presented.
Selected Ports	The selected ports are listed.

Button	Action
>	Move the selected items in the Available DID Ports list to the Selected Ports list.
>>	Move all items in the Available DID Ports list to the Selected Ports list.
<	Remove the selected items in the Selected Ports list and return them to the Available DID Ports list.
<<	Remove all items in the Selected Ports list and return them to the Available DID Ports list.
Up	Moves the selected port up one position in the Selected Ports list.

Button	Action
Down	Moves the selected port down one position in the Selected Ports list.
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

DID Trunk Groups: Trunk Parameters Tab

This screen displays and collects trunk parameters.

The screenshot shows the 'Add DID Trunk Group' configuration interface. At the top, there are 'Back to List' and 'Apply Changes' buttons. Below are four tabs: 'General', 'Ports', 'Trunk Parameters' (which is selected), and 'Timers'. The 'Trunk Parameters' tab contains the following fields:

- Incoming Dial Type:** A dropdown menu with 'tone' selected.
- Trunk Termination:** Radio buttons for 'rc' (selected), '600ohm', and '600ohm'.
- Trunk Gain:** Radio buttons for 'low' and 'high' (selected).
- Digit Treatment:** A dropdown menu.
- Digits:** A text input field.
- Expected Digits:** A text input field.
- Drop Treatment:** A dropdown menu with 'silence' selected.
- Incoming Disconnect Supervision:** A checked checkbox.

Field	Contains
Incoming Dial Type	<ul style="list-style-type: none"> • tone • rotary
Trunk Termination	<ul style="list-style-type: none"> • rc • 600 ohm
Trunk Gain	<ul style="list-style-type: none"> • low • high
Digit Treatment	<ul style="list-style-type: none"> • absorption • insertion
Digits	
Expected Digits	
Drop Treatment	<ul style="list-style-type: none"> • busy • intercept • silence

Field	Contains
Incoming Disconnect Supervision	Checkbox.

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

DID Trunk Groups: Timers Tab

This screen displays and collects information about trunk timing.

The screenshot shows the 'Add DID Trunk Group' configuration interface with the 'Timers' tab selected. The interface includes a 'Back to List' button and an 'Apply Changes' button. The configuration fields are as follows:

- Incoming Disconnect:** 500 (50..2550 msec. Increment by 10)
- Incoming Dial Guard:** 70 (10..2550 msec. Increment by 10)
- Incoming Seizure:** 500 (20..2550 msec. Increment by 10)
- Incoming Incomplete Dial Alarm:** 255 (1..255 sec.)
- Tone:** 350 (20..2550 msec. increment 10)
- Pause:** 150 (20..2550 msec. increment 10)

Field	Contains
Incoming Disconnect	The minimum valid duration of a disconnect signal for an incoming call. LFS will not recognize shorter disconnect signals. This field cannot be blank. For Brazil pulsed E&M signaling, use 600. (msec, 50-2550 increments of 10.) [default = 500]
Incoming Dial Guard	
Incoming Seizure	The duration of the shortest incoming seizure signal your server running Communication Manager can recognize. For ICLID, set this field to 120. The field cannot be blank. (msec, 20-2550 increments of 10.) [default = 500]
Incoming Incomplete Dial Alarm	
Tone	

Field	Contains
Pause	

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

ISDN BRI Trunk Groups

ISDN BRI Trunk Groups: General Tab

This tab displays and collects general information about an ISDN BRI trunk group.

Add ISDN-BRI Trunk Group

← Back to List
Apply Changes

General

Ports

Trunk Parameters

Name

Name (ASCII)

TAC

Codeset to Send Display

Service Type

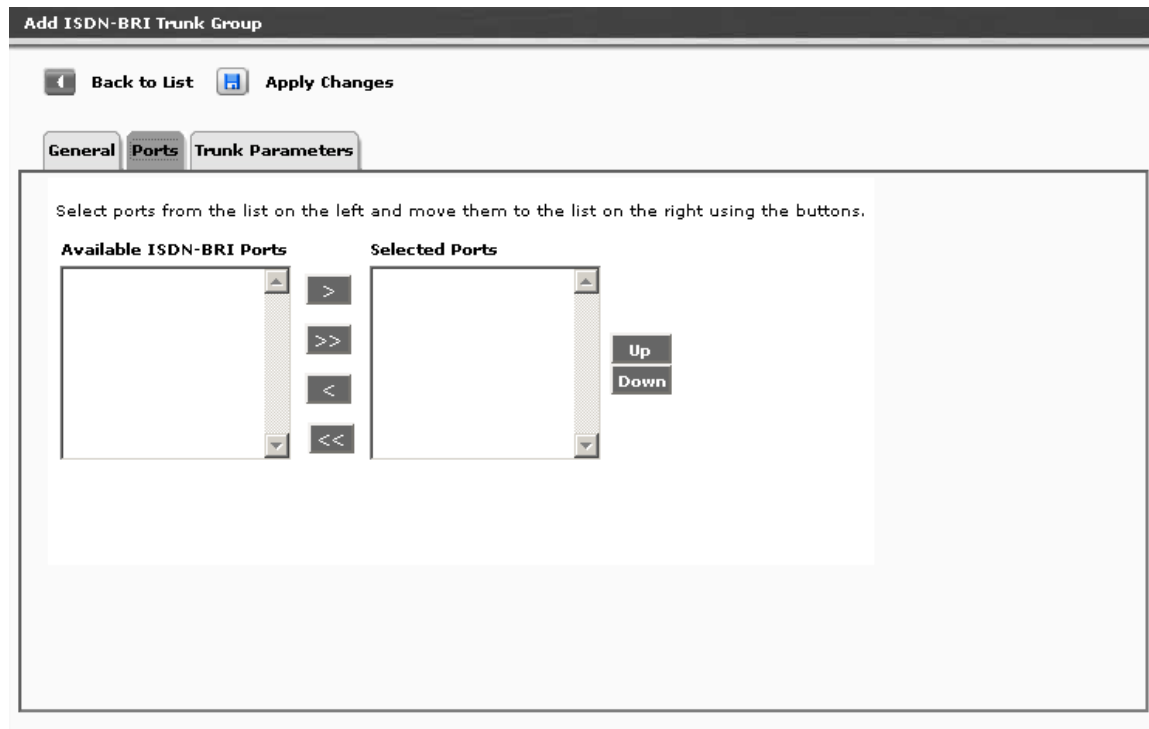
Field	Contains
Name	Trunk group name.
Name (ASCII)	
TAC	Trunk access code.
Codeset to Send Display	<ul style="list-style-type: none"> 0-elsewhere 6-US-Canada 7-not used
Service Type	<ul style="list-style-type: none"> i800 operator public-ntwrk sdn sub-operator co tie

Button	Action

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

ISDN BRI Trunk Groups: Ports Tab

This screen displays and collects information about ports associated with a trunk group.



Field	Contains
Available ISDN-BRI Ports	All available ISDN-BRI ports are presented.
Selected Ports	The selected ports are listed.

Button	Action
>	Move the selected items in the Available ISDN-BRI Ports list to the Selected Ports list.
>>	Move all items in the Available ISDN-BRI Ports list to the Selected Ports list.
<	Remove the selected items in the Selected Ports list and return them to the Available ISDN-BRI Ports list.
<<	Remove all items in the Selected Ports list and return them to the Available ISDN-BRI Ports list.
Up	Moves the selected port up one position in the Selected Ports list.

Button	Action
Down	Moves the selected port down one position in the Selected Ports list.
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

ISDN BRI Trunk Groups: Trunk Parameters Tab

This screen displays and collects trunk parameters.

Add ISDN-BRI Trunk Group

← Back to List
Apply Changes

General

Ports

Trunk Parameters

<p>Digit Handling (in/out) <input type="text" value="enbloc/enbloc"/></p> <p>Supplementary Service Protocol <input type="text" value="a-national"/></p> <p>Outgoing Channel ID Encoding <input type="text" value="preferred"/></p> <p>Send Connected Number <input type="text" value="n"/></p> <p><input type="checkbox"/> Network Needs Connect Before Disconnect (Japan)</p> <p><input type="checkbox"/> Hold/Unhold Notifications</p>	<p>Trunk Hunt <input type="text" value="cyclical"/></p> <p>Send Name <input type="text" value="r"/></p> <p>Send Calling Number <input type="text" value="r"/></p> <p>Format <input type="text" value="public"/></p> <p><input type="checkbox"/> Suppress # Outpulsing</p> <p><input type="checkbox"/> Apply Local Ringback</p>
--	--

Field	Contains
Digit Handling (in/out)	<ul style="list-style-type: none"> enbloc/enbloc enbloc/overlap
Supplementary Service Protocol	<ul style="list-style-type: none"> a-national c-etsi
Outgoing Channel ID Encoding	<ul style="list-style-type: none"> exclusive preferred
Send Connected Number	<ul style="list-style-type: none"> y n r
Network Needs Connect Before Disconnect (Japan)	Checkbox.
Hold/Unhold Notifications	Checkbox.

Field	Contains
Trunk Hunt	<ul style="list-style-type: none"> • ascend • cyclical • descend
Send Name	<ul style="list-style-type: none"> • y • n • r
Send Calling Number	<ul style="list-style-type: none"> • y • n • r
Format	<ul style="list-style-type: none"> • public • unknown
Suppress # Outpulsing	Checkbox.
Apply Local Ringback	Checkbox.

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

ISDN PRI Trunk groups

ISDN PRI Trunk Group: General Tab

This tab displays and collects general information about an ISDN PRI trunk group.

The screenshot shows a web-based configuration interface titled "Add ISDN-PRI Trunk Group". At the top, there are two buttons: "Back to List" and "Apply Changes". Below these are three tabs: "General", "Ports", and "Trunk Parameters", with "General" being the active tab. The main content area contains several form fields:

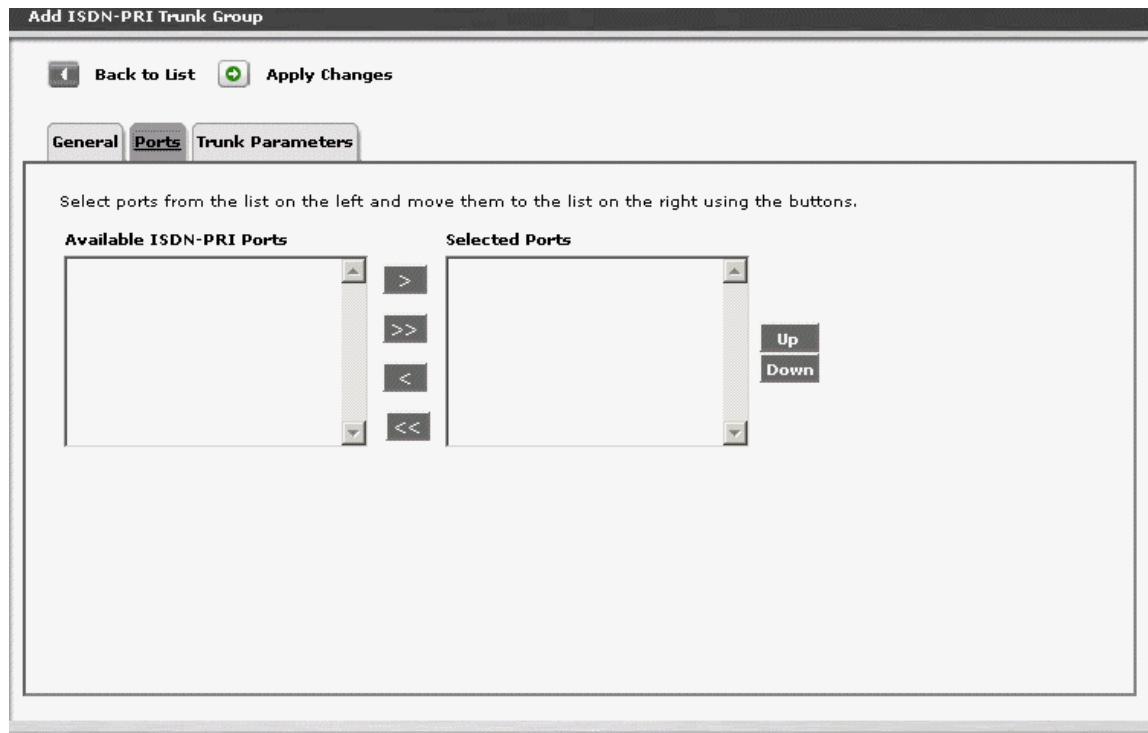
- Name:** A text input field containing "isdnt".
- Service Type:** A dropdown menu with "public-ntwrk" selected.
- Name (UNICODE):** A text input field containing "isdnt".
- TAC:** A dropdown menu that is currently empty.
- Codeset to Send Display:** A dropdown menu with "6-US-Canada" selected.

Field	Contains
Name	Trunk group name.
Name (UNICODE)	
TAC	Trunk access code.
Codeset to Send Display	<ul style="list-style-type: none"> • 0-elsewhere • 6-US-Canada • 7-not used
Service Type	<ul style="list-style-type: none"> • i800 • operator • public-ntwrk • sdn • sub-operator • co tie

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

ISDN PRI Trunk Group: Ports Tab

This screen displays and collects information about ports associated with a trunk group.



Field	Contains
Available ISDN-PRI Ports	All available ISDN-PRI ports are presented.
Selected Ports	The selected ports are listed.

Button	Action
>	Move the selected items in the Available ISDN-PRI Ports list to the Selected Ports list.
>>	Move all items in the Available ISDN-PRI Ports list to the Selected Ports list.
<	Remove the selected items in the Selected Ports list and return them to the Available ISDN-PRI Ports list.
<<	Remove all items in the Selected Ports list and return them to the Available ISDN-PRI Ports list.
Up	Moves the selected port up one position in the Selected Ports list.

Button	Action
Down	Moves the selected port down one position in the Selected Ports list.
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

ISDN PRI Trunk Group: Trunk Parameters Tab

This screen displays and collects trunk parameters.

Field	Contains
Supplementary Service Protocol	<ul style="list-style-type: none"> • a-nationa • c-etsi
Outgoing Channel ID Encoding	<ul style="list-style-type: none"> • exclusive • preferred
Send Connected Number	<ul style="list-style-type: none"> • y • n • r
Network Needs Connect Before Disconnect (Japan)	Checkbox.
Hold/Unhold Notifications	Checkbox.

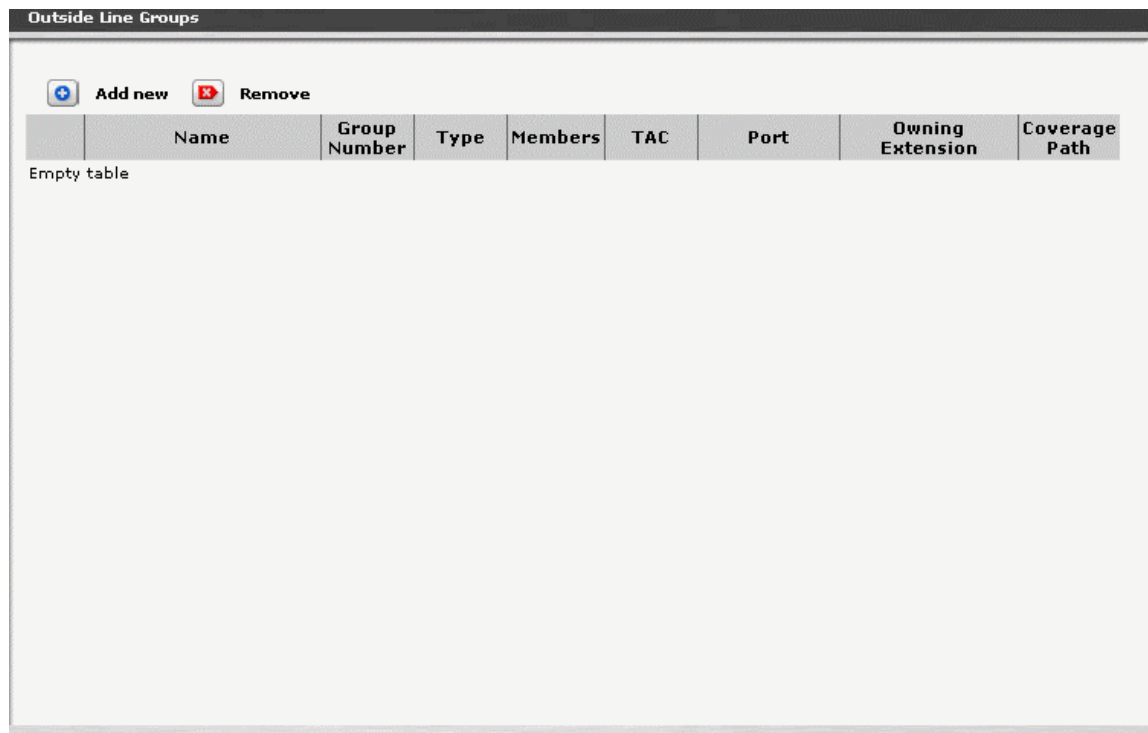
Field	Contains
Trunk Hunt	<ul style="list-style-type: none">• ascend• cyclical• descend
Send Name	<ul style="list-style-type: none">• y• n• r
Send Calling Number	<ul style="list-style-type: none">• y• n• r
Format	<ul style="list-style-type: none">• public• unknown
Suppress # Outpulsing	Checkbox.
Apply Local Ringback	Checkbox.

Button	Action
Back to List	Returns to the Trunk Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Outside Line Groups

Outside Line Groups List

This screen displays a list of outside line groups.



Column	Contains
<select>	Check multiple line group entries to Remove at the same time.
Name	Line group name. Up to 27 alpha-numeric characters. The tilde character (~) as the first two characters of a name prevents inclusion of the name in the directory, but still allows display.
Group Number	Line Group Number.
Type	<ul style="list-style-type: none"> • CO • ISDN-BRI
Members	Number of trunks in the group.
TAC	Trunk access code.
Port	
Owning Extension	

Column	Contains
Coverage Path	

Button	Action
Add New	Opens a pre-populated Add Outside Line Group screen for additional editing.
Remove	Deletes (with confirmation) all selected trunk groups.

How to Get to the Outside Line Groups List Screen

Managed Objects > Configuration > Telephony > Public Networking > Outside Line Groups.

How to Add an Outside Line Group

1. Navigate to the **Outside Line Groups List: Managed Objects > Configuration > Telephony > Public Networking > Outside Line Groups**.
2. Click **Add New** to open a dialog box asking you to enter the new outside line group **Name** and select the **Trunk Type** from drop-down lists.
3. Click **Continue**. The **Outside Line Group Details: General Tab** screen displays. The format of the **Outside Line Group Details** screen varies with the type of trunk selected when adding the outside line group.
4. In each tab of the **Outside Line Group Details** screen, fill in the appropriate information for the new outside line group.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit an Outside Line Group

1. Navigate to the **Outside Line Groups List: Managed Objects > Configuration > Telephony > Public Networking > Outside Line Groups**.
2. Click the **Name** of the outside line group you wish to edit.
3. In the **Outside Line Group Details** screen, change the information as necessary for the outside line group. The format of the **Outside Line Group Details** screen varies with the type of trunk selected when adding the outside line group.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove an Outside Line Group

1. Navigate to the **Outside Line Groups List: Managed Objects > Configuration > Telephony > Public Networking > Outside Line Groups**.
2. Check the **<select>** box at the beginning of each outside line group to be deleted. (You can delete multiple outside line groups in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the outside line group(s) or click **Back to List** to cancel the deletion and return to the **Outside Line Groups List**.

Outside Line Group Add Line Group

This screen collects required information for adding an outside line group.

Field	Contains
Personal CO Line Group Type	<ul style="list-style-type: none"> • CO • ISDN-BRI
Name	Line group name. 27 alpha-numeric chars The tilde character (~) as the first two characters of a name prevents inclusion of the name in the directory, but still allows display.
Use this boilerplate	Select an existing line as a template to pre-populate fields.

Button	Action
Continue	Continue to the next step in defining an outside line group.
Cancel	Cancel add or change.

CO Outside Line Group

Outside CO Line Group Details: General Tab

This screen displays and collects general information about a CO outside line group.

Add CO Outside Line Group

← Back to List
Apply Changes

General

Trunk Parameters

Timers

Members

<p>Name <input style="width: 90%;" type="text"/></p> <p>TAC <input style="width: 90%;" type="text"/></p> <p>Direction <input style="width: 90%;" type="text" value="two-way"/></p>	<p>Coverage Path <input style="width: 90%;" type="text" value="None"/></p> <p>Owner's Extension <input style="width: 90%;" type="text"/></p> <p>Port <input style="width: 90%;" type="text"/></p>
--	---

Field	Contains
Name	Outside line group name.
TAC	Trunk access code.
Direction	<ul style="list-style-type: none"> incoming outgoing two-way
Coverage Path	
Owner's Extension	
Port	

Button	Action
Back to List	Returns to the Outside Line Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Outside CO Line Group Details: Trunk Parameters Tab

This screen displays and collects trunk parameters.

Add CO Outside Line Group

← Back to List
Apply Changes

General
Trunk Parameters
Timers
Members

<p>Country <input type="text" value="1 - U.S. and Canada"/></p> <p>Trunk Type <input type="text" value="loop-start"/></p> <p>Outgoing Dial Type <input type="text" value="tone"/></p> <p>Receive Analog Incoming Call ID <input type="text" value="disabled"/></p> <p>Per Call CPN Blocking Code <input type="text"/></p>	<p><input type="checkbox"/> Receive Answer Supervision</p> <p><input checked="" type="checkbox"/> Incoming Disconnect Supervision</p> <p><input type="checkbox"/> Outgoing Disconnect Supervision</p> <p>Trunk Termination <input checked="" type="radio"/> rc <input type="radio"/> 600ohm</p> <p>Trunk Gain <input type="radio"/> low <input checked="" type="radio"/> high</p>
--	---

Field	Contains
Country	<ul style="list-style-type: none"> 1 - U.S. and Canada 2 - Australia 7 - Mexico 10 - United Kingdom 12 - France 13 - Germany 23 - Brazil
Trunk-Type	<ul style="list-style-type: none"> loop-start
Outgoing Dial Type	<ul style="list-style-type: none"> tone rotary
Receive Analog Incoming Call ID	
Per Call CPN Blocking Code	

Field	Contains
Receive Answer Supervision	Checkbox.
Incoming Disconnect Supervision	Checkbox.
Outgoing Disconnect Supervision	Checkbox.
Trunk Termination	<ul style="list-style-type: none"> • rc • 600 ohm
Trunk Gain	<ul style="list-style-type: none"> • low • high

Button	Action
Back to List	Returns to the Outside Line Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Outside CO Line Group Details: Timers Tab

This screen displays and collects information about outside line timing.

Add CO Outside Line Group

← Back to List
Apply Changes

General
Trunk Parameters
Timers
Members

<p>Answer Supervision Timeout <input style="width: 50px;" type="text" value="10"/> (0..250)</p> <p>Incoming Glare Guard <input style="width: 50px;" type="text" value="1500"/> (100..25500 msec. Increment by 100)</p> <p>Ringing Monitor <input style="width: 50px;" type="text" value="5200"/> (200..51000 msec. Increment by 200)</p>	<p>Outgoing Dial Guard <input style="width: 50px;" type="text" value="1600"/> (100..25500 msec. Increment by 100)</p> <p>Outgoing Glare Guard <input style="width: 50px;" type="text" value="1500"/> (100..25500 msec. Increment by 100)</p> <p>Incoming Seizure <input style="width: 50px;" type="text" value="500"/> (20..2550 msec. Increment by 10)</p> <p>Outgoing Seizure Response <input style="width: 50px;" type="text" value="5"/> (1..255 sec.)</p>
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Field	Contains
Answer Supervision Timeout	
Incoming Glare Guard	<p>The minimum interval that must elapse between a trunk's release from an incoming call and its seizure for an outgoing call. This field cannot be blank. This delay gives the far-end time to release all equipment after the trunk is released.</p> <p>(msec, 100-25500 increments of 100.) [default = 1500]</p>
Ringing Monitor	<p>Enter the minimum time LFS requires to determine if a trunk disconnects. The field cannot be blank. If the ringing signal disappears for a duration longer than the time specified in this field, LFS assumes the call has been disconnected.</p> <p>(msec, 200-51000 increments of 200.) [default = 5200]</p>

Field	Contains
Outgoing Dial Guard	<p>The minimum interval between seizure acknowledgment of a trunk and the outpulsing of digits. This field cannot be blank. For trunks that do not provide seizure acknowledgment, the timer specifies the minimum time between seizure and the outpulsing of digits. Any digit the caller dials after they lift the receiver, but before the timer expires, is not outpulsed until the timer expires.</p> <p>(msec, 100-25500 increments of 100.) [default = 1600]</p>
Outgoing Glare Guard	<p>The minimum interval that must elapse between a trunk's release from an outgoing call and its seizure for another outgoing call. This field cannot be blank. This delay gives the far-end time to release all equipment after the outgoing trunk is released.</p> <p>(msec, 100-25500 increments of 100.) [default = 1500]</p>
Incoming Seizure	<p>The duration of the shortest incoming seizure signal your server running Communication Manager can recognize. For ICLID, set this field to 120. The field cannot be blank.</p> <p>(msec, 20-2550 increments of 10.) [default = 500]</p>
Outgoing Seizure Response	<p>The maximum interval that LFS should wait after sending a seizure signal to receive seizure acknowledgment from the far-end. If the acknowledgment is not received in this time, a seizure failure response is uplinked.</p> <p>(seconds, 1-254.) [default = 5]</p>

Button	Action
Back to List	Returns to the Outside Line Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Outside CO Line Group Details: Members Tab

This screen displays and collects information about outside line group members.

Add CO Outside Line Group

Extension	Name
Empty	Apply changes table

BRI Outside Line Group

BRI Outside Line Group Details: General Tab

This screen displays and collects general information about a BRI outside line group.

Not Available.

Field	Contains
Name	Outside line group name.
TAC	Trunk access code.
Direction	<ul style="list-style-type: none">• incoming• outgoing• two-way
Coverage Path	
Owner's Extension	
Port	

Button	Action
Back to List	Returns to the Outside Line Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

BRI Outside Line Group Details: Trunk Parameters Tab

This screen displays and collects trunk parameters.

Add BRI Outside Line Group

← Back to List
Apply Changes

General
Trunk Parameters
Members

<p>Service Type public-ntwrk</p> <p>Supplementary Service Protocol a-national</p> <p>Send Connected Number n</p> <p>Send Name y n r</p> <p>Send Calling Number r</p>	<p>Codeset to Send Display 6-US-Canada</p> <p>Digit Handling (in/out) enbloc/enbloc</p> <p><input type="checkbox"/> Apply Local Ringback</p> <p><input type="checkbox"/> Suppress Pound Outputting</p> <p><input type="checkbox"/> Network Needs Connect Before Disconnect (Japan)</p>
--	--

Field	Contains
Service Type	<ul style="list-style-type: none"> i800 operator public-ntwrk sdn sub-operator co tie
Supplementary Service Protocol	<ul style="list-style-type: none"> a-national c-etsi
Send Connected Number	<ul style="list-style-type: none"> y n r
Send Name	<ul style="list-style-type: none"> y n r

Field	Contains
Send Calling Number	<ul style="list-style-type: none"> • y • n • r
Codeset to Send Display	<ul style="list-style-type: none"> • 0-elsewhere • 6-US-Canada • 7-not used
Digit Handling (in/out)	<ul style="list-style-type: none"> • enbloc/enbloc • enbloc/overlap
Apply Local Ringback	Checkbox.
Suppress Pound Outpulsing	Checkbox.
Network Needs Connect Before Disconnect (Japan)	Checkbox.

Button	Action
Back to List	Returns to the Outside Line Groups List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

BRI Outside Line Group Details: Members Tab

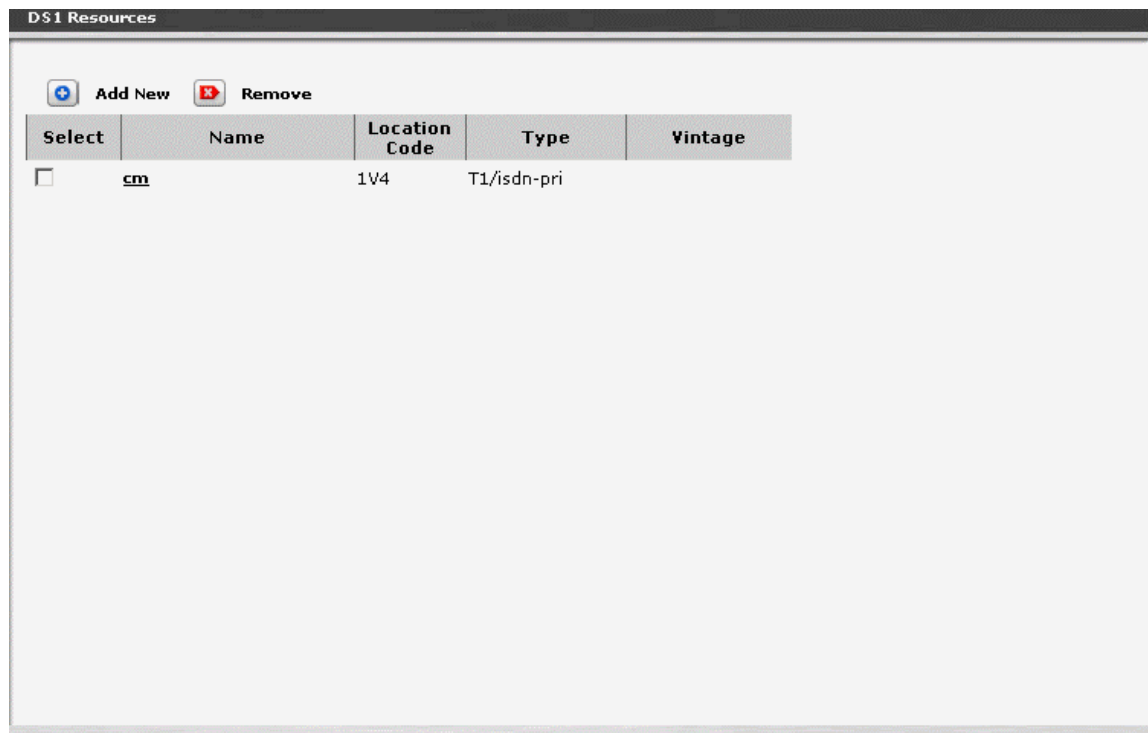
This screen displays and collects information about outside line group members.

Not Available.

DS-1 Resources

DS-1 Resources List

This screen displays a list of defined DS-1 resources.



Column	Contains
Select	Check multiple DS-1 entries to Remove at the same time.
Name	DS-1 resource name.
Location Code	Port where the DS-1 connects.
Type	Type of DS-1
Vintage	

Button	Action
Add New	Opens a pre-populated User Detail screen for additional editing. Pre-population is based on a general user template.
Edit	Opens a DS-1 Resource Details screen for the selected user.
Remove	Deletes (with confirmation) all selected DS-1s.

How to Get to the DS-1 Resources List

Managed Objects > Configuration > Telephony > Public Networking > DS-1.

How to Add a new DS-1 Resource

1. Navigate to the **DS-1 Resources List: Managed Objects > Configuration > Telephony > Public Networking > DS-1.**
2. Click **Add New** to open the **DS-1 Resource Details** screen.
3. Fill in the appropriate information for the new DS-1 resource.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a DS-1 Resource

1. Navigate to the **DS-1 Resources List: Managed Objects > Configuration > Telephony > Public Networking > DS-1.**
2. Click the **Name** of the DS-1 resource you wish to edit.
3. In the **DS-1 Resource Details** screen, change the information as necessary for the DS-1 resource.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove a DS-1 Resource

1. Navigate to the **DS-1 Resources List: Managed Objects > Configuration > Telephony > Public Networking > DS-1.**
2. Check the **<select>** box at the beginning of each DS-1 to be deleted. (You can delete multiple DS-1s in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the DS-1(s) or click **Back to List** to cancel the deletion and return to the **DS-1 Resources List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

DS-1 Resource Detail

This screen displays and accepts information about DS-1 resources.

Field	Contains
Bit Rate	<ul style="list-style-type: none"> T1 E1
Location	Connection board location.
Name	Administered name.
Interconnect	
Line Coding	<ul style="list-style-type: none"> ami-basic ami-zcs b8zs hdb3
Line Compensation	
Framing Mode	<ul style="list-style-type: none"> d4 esf

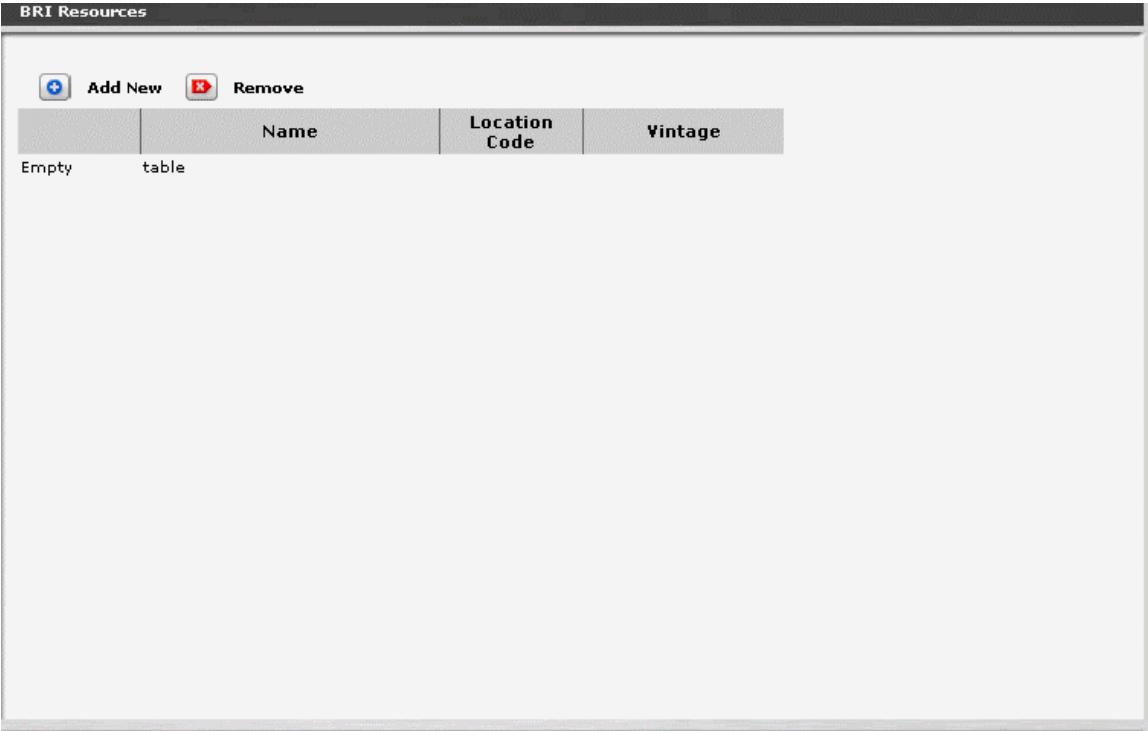
Field	Contains
Enable CRC	Checkbox.
Country Protocol	Select the country of the central office where the equipment connects.
T393 Timer	
Analog Bearer Capability	<ul style="list-style-type: none"> • 3.1 kHz • speech
Near-end CSU Type	<ul style="list-style-type: none"> • integrated • other
Interface Companding	<ul style="list-style-type: none"> • alaw • mulaw
Signaling Mode	<ul style="list-style-type: none"> • cas • isdn-pri • robbed-bit
Echo Cancellation	Checkbox.
Echo Cancellation Direction	<ul style="list-style-type: none"> • inward • outward
Echo Cancellation Configuration	<ul style="list-style-type: none"> • 1 - Highly aggressive with 6db loss. • 2 - Aggressive and stable. • 3 - Aggressive and very stable. • 4 - Highly Aggressive with no loss. • 5 - Very moderate and very stable.
Transmit LBO	<ul style="list-style-type: none"> • 0 db. • -7.5 db. • -15 db. • -22.5 db.
Receive ALBO	<ul style="list-style-type: none"> • 26 db • 36 db
Upon DTE Loss	<ul style="list-style-type: none"> • ais • loopback
Supply CPE Loopback Jack Power	Checkbox.

Button	Action
Back to List	Returns to the DS-1 Resources List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

BRI Resources

BRI Resources List

This screen displays a list of defined BRI resources.



Column	Contains
Select	Check multiple BRI entries to Remove at the same time.
Name	BRI resource name.
Location Code	Port where the BRI connects.
Vintage	

Button	Action
Add New	Opens a pre-populated BRI Resources Detail screen for additional editing.
Remove	Deletes (with confirmation) all selected BRI resources.

How to Get to the BRI Resources List

Managed Objects > Configuration > Telephony > Public Networking > BRI.

How to Add a New BRI Resource

1. Navigate to the **BRI Resources List: Managed Objects > Configuration > Telephony > Public Networking > BRI.**
2. Click **Add New** to open the **BRI Resource Details** screen.
3. Fill in the appropriate information for the new BRI.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a BRI Resource

1. Navigate to the **BRI Resources List: Managed Objects > Configuration > Telephony > Public Networking > BRI.**
2. Click the **Name** of the BRI resource you wish to edit.
3. In the **BRI Resource Details** screen, change the information as necessary for the BRI resource.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove a BRI Resource

1. Navigate to the **BRI Resources List: Managed Objects > Configuration > Telephony > Public Networking > BRI.**
2. Check the **<select>** box at the beginning of each BRI to be deleted. (You can delete multiple BRIs in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the BRI(s) or click **Back to List** to cancel the deletion and return to the **BRI Resources List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

BRI Resource Details

This screen displays and accepts information about BRI resources.

Not Available.

Field	Contains

Button	Action
Back to List	Returns to the BRI Resources List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

CTI Configuration

CTI Server Configuration

This screen displays and accepts information necessary for CTI configuration.

Field	Contains
Tserver Configuration	
Tserver Port	
Tserver Switch Port	
Active Directory Server Configuration	
Server Enabled	
Server Address	
Server Port	
Realm	
Key Tab File	

Field	Contains
Update KeyTab File	

Button	Action
Browse	Browse for a new Keytab file.
Update	Set the new Keytab file.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to CTI Server Configuration screen

Managed Objects > Configuration > Telephony > CTI Configuration.

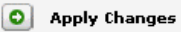
How to Configure a CTI Server

Dial Plan

Dial Plan

This screen displays and collects data about the dial plan.

Dial Plan

 **Apply Changes**

Extension Length (in digits)

First Digit	Length	Call Type
0	<input type="text" value="1"/>	<input type="text" value="dac"/>
1	<input type="text" value="1"/>	<input type="text" value="dac"/>
2	<input type="text" value="3"/>	<input type="text" value="ext"/>
3	<input type="text" value="3"/>	<input type="text" value="ext"/>
4	<input type="text" value="3"/>	<input type="text" value="ext"/>
5	<input type="text" value="3"/>	<input type="text" value="ext"/>
6	<input type="text" value="3"/>	<input type="text" value="ext"/>
7	<input type="text" value="3"/>	<input type="text" value="ext"/>
8	<input type="text" value="1"/>	<input type="text" value="dac"/>
9	<input type="text" value="1"/>	<input type="text" value="dac"/>
*	<input type="text" value="3"/>	<input type="text" value="dac"/>
#	<input type="text" value="3"/>	<input type="text" value="dac"/>

Field	Contains
Extension Length	Length of extensions in digits.
First Digit	One row for each possible first digit (9-0, #, *)
Length	dac – 1-4 ext – 1-7

Field	Contains
Call Type	<ul style="list-style-type: none"> ext - Primary extension — Defines extension ranges that can be used on system. Extension cannot have the same first digit as a 1-digit ARS or AAR feature access code (FAC). dac - Dial access code — Allows you to use trunk access codes (TAC) and feature access codes (FAC) in the same range. Dial access codes can start with any number from 0 to 9, * or # and can contain up to 4 digits. <p>If an extension entry and a DAC entry have the same Dialed String, the extension entry can be longer than the DAC entry only if all of the trunk groups covered by that DAC entry have Dial Access on the Trunk Group screen set to "no."</p> <p>User can use the DAC to activate or deactivate a LFS feature or to seize a trunk from a trunk group, or both. In the first case, the DAC functions as a FAC, in the second as a TAC. For example, he can define the group 300 to 399 for dial access codes, and allow both FAC and TAC in that range.</p> <p>Note: ALL extensions MUST be of the SAME length</p>

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Dial Plan Analysis

The dial plan analysis table is fully administrable by the customer, within these guidelines:

- For any given leading digit (0-9, * and #), only one use will be assigned.
- All extensions within a branch will be the same length.
- Use need to have at least one extension, at least one code for Feature Access Codes, at least one code for Trunk Access Codes. The FAC and TAC may be the same if desired (by setting the value to "dac").
- Typically, the customer will assign one single-digit code for the ARS FAC and one single-digit code for the AAR FAC. All the other FACs will be multiple digits, starting with "*"and/or "#". Other schemes, however, are allowed.
- ARS starting digits is always single digit.
- AAR starting digits is always single digit.

Relation between Dial Plan and Public unknown Numbering

- You cannot put an entry into the public-unknown-numbering-plan that is inconsistent with the dialplan-analysis.
- All patterns in the public-unknown are considered extension.
- You specify the length and starting digit pattern (the first two columns). These must match (exactly or be a subset of) an "ext" entry in the dialplan-analysis form.

4. You cannot remove a dialplan-analysis entry which has a matching entry in the public-unknown form.
5. You must remove the public-unknown entry first. The public-unknown form is used to map the extensions of internal, calling telephones into ISDN (or SIP) calling party numbers. It only maps phones's extensions (so must be an 'ext' in dialplan-analysis).

Feature Access Codes

Feature Access Codes

This screen allows you to set the **Dial Code** that the user must enter to access each feature that is not directly accessible by pressing a feature button.

Feature Access Code	Dial Code
Abbreviated System List	<input type="text"/>
Abbreviated Group List	<input type="text"/>
answerBackActivate	*12
automaticAlternateRoutingActivate	8
automaticRouteSelectionActivate	9
automaticCallBackActivate	*13
automaticCallBackDeactivate	*14
callForwardBusyDAActivate	<input type="text"/>
call forward all calls	<input type="text"/>
callForwardBusyDeactivate	<input type="text"/>
callParkActivate	<input type="text"/>
callPickupActivate	<input type="text"/>
casRemoteHoldAnswerHoldUnhold	<input type="text"/>
cdrAccountCodeActivate	<input type="text"/>
contactClosureOpenActivate	<input type="text"/>
contactClosureCloseActivate	<input type="text"/>
contactClosurePulseActivate	<input type="text"/>

Column	Contains
Feature Access Code	The name or description of each available feature. See table below for descriptions.
Dial Code	The digits entered by the user to activate this feature.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Features

Depending upon your equipment and how it is administered, your system may not have all of the features listed here available.

Feature	Usage	If you have lots of users who need this feature without a dedicated button on their station, consider:
Abbreviated System List	Accesses the system-wide Abbreviated Dialing list. Dialing an additional code (for the entry number) results in a dialing sequence specified in the Abbreviated Dialing list entry.	A single digit.
Abbreviated Group List	Accesses the user's Abbreviated Dialing group list. Dialing an additional code (for the entry number) results in a dialing sequence specified in the Abbreviated Dialing list entry.	A single digit.
Answer Back Activate	Picks up a parked call.	A range of feature access codes for a group of related features.
Auto Alternate Routing Activate	Activates Auto Alternate Route Selection (ARS). Default = 8.	Usually used for access to inside dialing.
Auto Route Selection Activate	Activates Auto Route Selection (ARS). Default = 9.	Usually used for access to outside lines.
Automatic Callback Activate	Activates Automatic Callback.	A range of feature access codes for a group of related features.
Automatic Callback Deactivate	Deactivates Automatic Callback.	A range of feature access codes for a group of related features.
Call Forwarding Busy/DA Activate	Forward calls to an administered number if the user is busy or does not answer.	A range of feature access codes for a group of related features.
Call Forwarding All Activate	Forwards all calls to an administered number.	A range of feature access codes for a group of related features.
Call Forwarding Busy/DA Deactivate	Deactivates call forwarding.	A range of feature access codes for a group of related features.

Feature	Usage	If you have lots of users who need this feature without a dedicated button on their station, consider:
Call Park Activate	Parks an active call, which can then be retrieved from a different station using the Answer Back access code.	A range of feature access codes for a group of related features.
Call Pickup Activate	Answers a call directed to a pickup group.	A range of feature access codes for a group of related features.
CAS Remote Hold Answer Hold Unhold	Retrieves a call put on hold by a call answering service.	A range of feature access codes for a group of related features.
CDR Account Code Activate	Enables entering an account code for CDR purposes.	A single digit.
Contact Closure Open Activate	Opens a contact closure relay.	A special range of feature access codes just for maintenance.
Contact Closure Close Activate	Closes a contact closure relay.	A special range of feature access codes just for maintenance.
Contact Closure Pulse Activate	Pulses (close then open) a contact closure relay.	A special range of feature access codes just for maintenance.
Data Privacy Activate	Isolates a data call from call waiting or other interruptions.	
Directed Call Pickup Activate	Establishes directed call pickup.	A range of feature access codes for a group of related features.
Enhanced EC500 Activate	Activates enhanced calling so that calls to an office number are extended to a cell phone instead.	A range of feature access codes for a group of related features.

Feature	Usage	If you have lots of users who need this feature without a dedicated button on their station, consider:
Enhanced EC500 Deactivation	Cancels enhanced calling so that calls to an office number are handled normally.	A range of feature access codes for a group of related features.
Extended Call Fwd Busy D/A Activate	Activates call forwarding on busy or doesn't answer (DA) from a telephone or remote location.	A range of feature access codes for a group of related features.
Extended Call Fwd All Activate	Activates all call forwarding from a telephone or remote location.	A range of feature access codes for a group of related features.
Extended Call Fwd Deactivation	Deactivates call forwarding from a telephone or remote location.	A range of feature access codes for a group of related features.
Facility Test Calls Activate	Places a facility test call.	A special range of feature access codes just for maintenance.
Flash Activate	Generates a trunk flash. This code ensures that the flash signal is interpreted by the central office switch, rather than by the local equipment.	A special range of feature access codes just for maintenance.
Hunt Group Busy Activate	Hunt Group members can dial these codes to place themselves in a busy state, and to become available again.	A range of feature access codes for a group of related features.
Hunt Group Busy Deactivate	Hunt Group members can dial these codes to place themselves in a busy state, and to become available again.	A range of feature access codes for a group of related features.
Last Number Dialed Activate	Redials the last number dialed from this station.	A range of feature access codes for a group of related features.
Malicious Call Trace Activate	Activates call tracing.	A special range of feature access codes just for maintenance.

Feature	Usage	If you have lots of users who need this feature without a dedicated button on their station, consider:
Malicious Call Trace Deactivate	Deactivate call tracing.	A special range of feature access codes just for maintenance.
Per Call CPN Blocking Activate	If CPN (calling party number) blocking is off for a trunk group, users can turn it on for a call by using this code. When they dial this code, the calling party number is not sent to the public network.	A range of feature access codes for a group of related features.
Refresh Terminal Parameters Activate	Updates terminal parameters on an individual telephone when system settings have changed.	A special range of feature access codes just for maintenance.
Send All Calls Activate	Activates the Send All Calls feature. Requires console permissions.	A range of feature access codes for a group of related features.
Send All Calls Deactivate	Deactivates the Send All Calls feature.	A range of feature access codes for a group of related features.
Specific Line Originate		
Specific Line Pickup		
Terminal Dial-up Test Activate	Performs tests on digital telephones to make sure that the telephone and the buttons are communicating properly with the server running Avaya Communication Manager. To use a Terminal Dial-up Test FAC on a telephone with bridged appearances, add a bridged-appearance of the principal telephone.	A special range of feature access codes just for maintenance.

How to Get to the Feature Access Codes Screen

Managed Objects > Configuration > Telephony > Features Access Codes.

How to Set Up Feature Access Dial Codes

1. Navigate to the **Feature Access Codes** screen: **Managed Objects > Configuration > Telephony > Features Access Codes**.
2. Use the descriptions and comments in the table above to determine:
 - Which features need single digit access codes.
 - Which features group together in a useful way for your business, so that you can give them related access codes.
3. Assign any single digit feature access codes.
4. Set up groups of "star codes" (for example, "*51", "*52", "*53". or "#61", "#62", "#63") and assign them to groups of related features.
5. Use a special group of "star codes" for maintenance functions.
6. Click Apply Changes to save the Feature Access Codes. You may apply the changes more than once. To exit without saving your work since the last save, click **Home** (in the menu bar) or another entry under **Managed Objects** to leave the screen.

Service Numbers

Service Numbers List

This screen displays a list of service numbers. The numbers are defined on other screens related to the particular service.

Use	Extension
CTI link	305
Voice mail	300
Auto-attendant #1	301
Auto-attendant #2	302
Auto-attendant #3	303
Auto-attendant #4	304
Active Appearance Select	351
Automatic Call Back	313
Automatic Call-Back Cancel	314
Call Forward All	
Call Forward Busy/No Answer	
Call Forward Cancel	
Call Park	
Call Park Answer Back	
Call Pick-Up	
Calling Number Block	
Conference on Answer	
Directed Call Pick-Up	
Drop Last Added Party	353
Exclusion (Toggle On/Off)	
Held Appearance Select	352
Idle Appearance Select	361
Last Number Dialed	
Malicious Call Trace	

Column	Contains
Use	Description of use.
Extension	Extension used for this special purpose.

How to Get to the Service Numbers List

Managed Objects > Configuration > Telephony > Service Numbers.

How to Add Service Numbers

Service numbers are added automatically as they are defined on other screens related to the particular service.

How to Edit Service Numbers

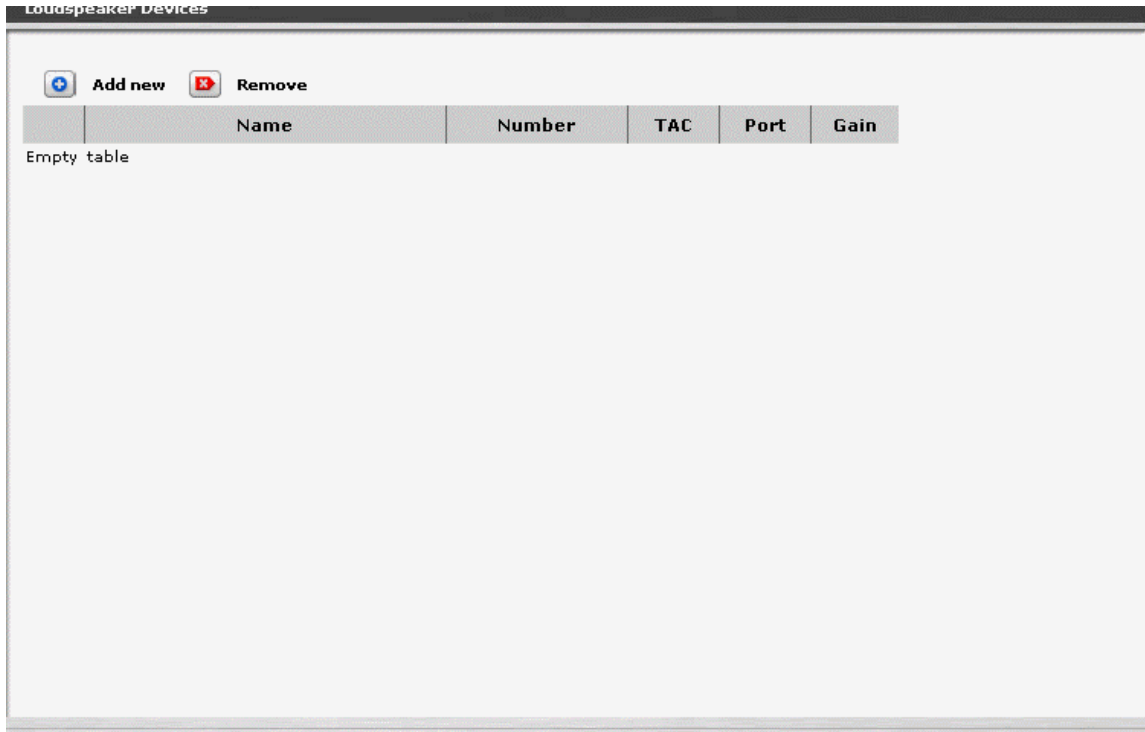
Service numbers cannot be edited except where they are defined on other screens related to the particular service.

How to Remove Service Numbers

Service numbers are deleted automatically as they are undefined on other screens related to the particular service.

Loudspeaker Devices

Loudspeaker Devices List



Column	Contains
Select	Check loudspeaker devices to Remove at the same time.
Name	Administered loudspeaker device name.
Number	Loudspeaker device number
TAC	Trunk Access Code.
Port	
Gain	

Button	Action
Add New	Opens a pre-populated Loudspeaker Devices Details screen for additional editing.

Button	Action
Edit	Opens a Loudspeaker Devices Details screen for the selected loudspeaker device.
Remove	Deletes (with confirmation) all selected loudspeaker devices.

How to Get to the Loudspeaker Devices List

Managed Objects > Configuration > Telephony > Loudspeaker Devices.

How to Add a Loudspeaker Device

1. Navigate to the **Loudspeaker Devices List: Managed Objects > Configuration > Telephony > Loudspeaker Devices.**
2. Click **Add New** to open the **Loudspeaker Device Details** screen.
3. In the **Loudspeaker Device Details** screen, fill in the appropriate information for the loudspeaker device.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a Loudspeaker Device

1. Navigate to the **Hunt Groups List: Managed Objects > Configuration > Telephony > Loudspeaker Devices.**
2. Click the **Name** of the loudspeaker device you wish to edit.
3. In the **Loudspeaker Device Details** screen, change the information as necessary for the loudspeaker device.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove a Loudspeaker Device

1. Navigate to the **Hunt Groups List: Managed Objects > Configuration > Telephony > Loudspeaker Devices.**
2. Check the **<select>** box at the beginning of each loudspeaker device to be deleted. (You can delete multiple loudspeaker devices in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the hunt group(s) or click **Back to List** to cancel the deletion and return to the **Loudspeaker Device List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Loudspeaker Device Details

Not Available.

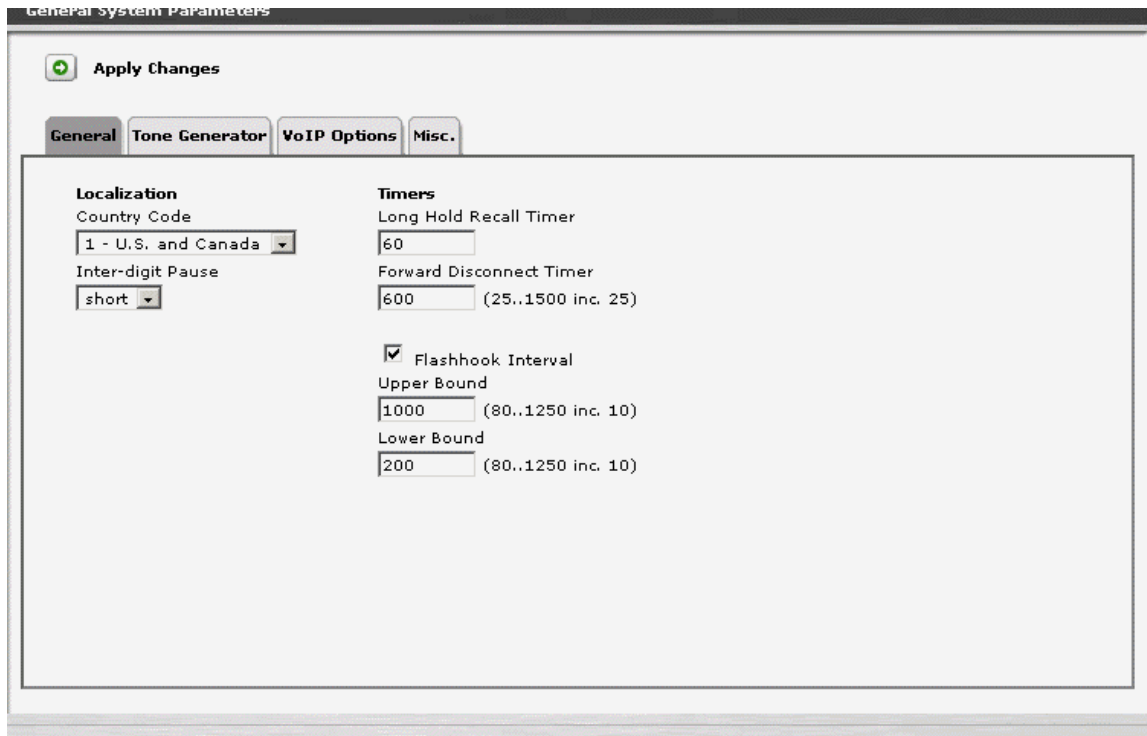
System Parameters

General

How to Set Up General System Parameters

General System Parameters: General Tab

This screen displays and accepts geographic and environment information. Selections determine compatibility with local equipment and protocols.



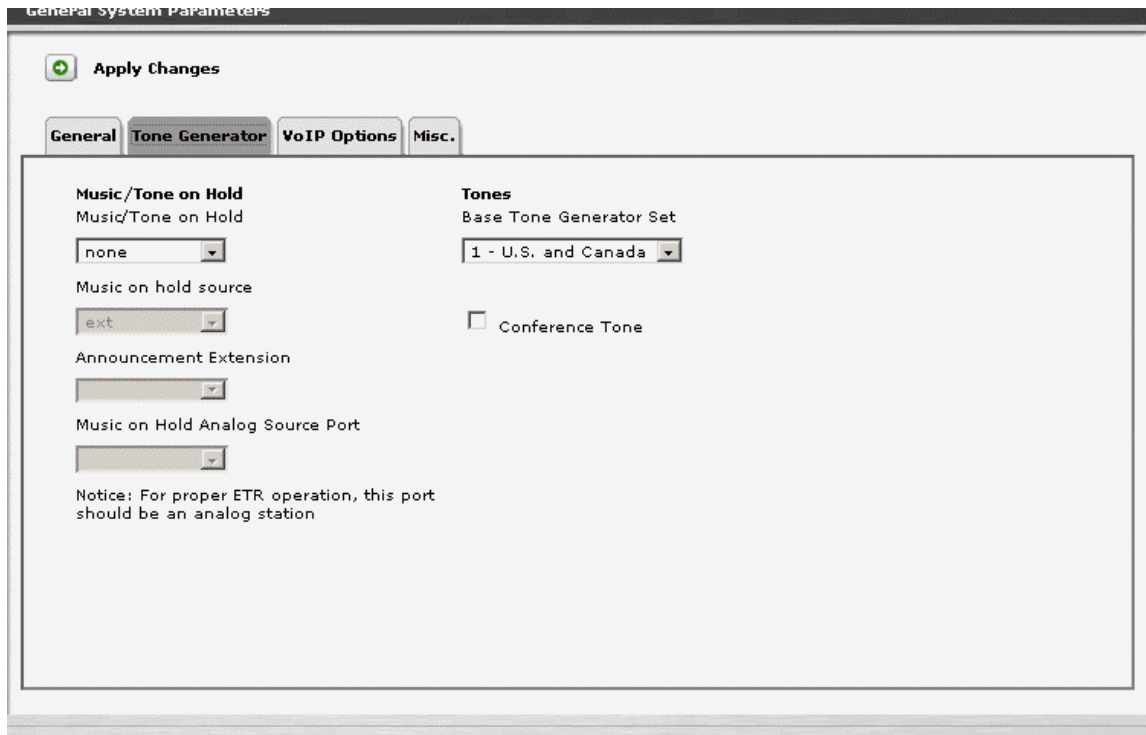
Field	Contains
Localization	
Country Code	
Inter-digit Pause	<ul style="list-style-type: none"> • short • long
Timers	
Long Hold Recall Timer	
Forward Disconnect Timer	(Numeric, 80-1250 in increments of 10.) [default = 600] Specify the duration of a momentary disconnect sent by the server/switch to an analog station user when that user is the last party still off-hook on a call.
Flashhook Interval	Checkbox. Enables Upper Bound and Lower Bound .

Field	Contains
Upper Bound	(Numeric, 80-1250 in increments of 10.) [default = 1000] Specifies the upper bound of the flashhook interval. Specifies the upper bound of the station-to-switch recall signal timing interval in milliseconds. Appears when the Flashhook Interval field is y.
Lower Bound	(Numeric, 80-1250 in increments of 10.) [default = 200] Specifies the lower bound of the flashhook interval. Specifies the lower bound of the station-to-switch recall signal timing interval in milliseconds. Appears when the Flashhook Interval field is y.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

General System Parameters: Tone Generator Tab

This screen displays and accepts information about system-wide tone settings.



Field	Contains
Music / Tone on Hold	
Music/Tone on Hold	<ul style="list-style-type: none"> • music [default] • tone • none
Music on hold source	Select the extension that plays the music on hold source.
Announcement Extension	Select the extension that plays the announcement.
Music on Hold Analog Source Port	Select the port used as the music on hold analog source. For proper ETR operation, this port should be an analog station.
Tones	
Base Tone Generator Set	The country code identifies the base tone generation set to be used.
Conference Tone	Checkbox.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

General System Parameters: VoIP Options Tab

This screen displays and accepts VoIP options and parameters.

Field	Contains
Intra Branch Security	
Use media encryption for IP calls within the branch?	<ul style="list-style-type: none"> • Always • Preferred • Not Preferred • Never
Use media encryption for IP calls between branches?	<ul style="list-style-type: none"> • Always • Preferred • Not Preferred • Never
QoS Parameters	
Call Control PHB	(numeric, 0-63.) [default=46] Provides scalable service discrimination in the Internet without per-flow state and signaling at every hop.
Audio PHB	(numeric, 0-63.) [default=46] Provides scalable service discrimination in the Internet without per-flow state and signaling at every hop.

Field	Contains
Call Control 802.1 Priority	(numeric, 0-7.) [default=6] Provides Layer 2 priority for Layer 2 switches. The field Specifies the 802.1p priority value.
Audio 802.1 Priority	(numeric, 0-7.) [default=6] Provides Layer 2 priority for Layer 2 switches. The field Specifies the 802.1p priority value.
RTCP Monitor Server Options	
Default Server IP Address	
Default Server Port	[default=5005]

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

General System Parameters: Misc Tab

This screen displays and accepts information about miscellaneous system parameters.

Field	Contains
CDR	
CDR Date Format	
Collector IP Address	
Collector Port	
Coverage Forwarding	
Local Cvg Subsequent Redirection/CFWD No Ans Interval (rings)	(Numeric, 1-99.) [default = 2] <ul style="list-style-type: none"> • The number of rings applied at an on-net coverage point before a call is redirected to the next coverage point • the number of rings applied at an on-net forwarded-to destination before the call is redirected to coverage.

Field	Contains
Off-Net Cvg Subsequent Redirection/CFWD No Ans Interval (rings)	(Numeric, 1-99.) [default = 2] <ul style="list-style-type: none"> The number of rings applied at an off-net coverage point before a call is redirected to the next coverage point the number of rings applied at an off-net forwarded-to destination before the call is redirected to coverage.
Hold Redirect Extension	
Hold Redirect Timer	[Default=30]
Long Hold Recall Timer	0 to 999. [Default=60] Enter a number between 0 and 999; 0 deactivates the timer. This value is the number of seconds a call can be on hold before the system re-alerts the user to remind them of the call.
Voice Mail Ring Count	[Default=2]
CAMA Numbering	
System CESID Default	
DECT Options	
ADMM IP Address	

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Voicemail & Auto Attendant

Voicemail System Parameters

This screen displays and sets voicemail and auto attendant system parameters.

Voicemail & Automated Attendant System Parameters

➤ Apply Changes

Voice Mail Properties

System Language Mode <input type="text" value="Bilingual"/>	CSID Name Format <input type="text" value="Disabled"/>
Broadcast Aging Time <input type="text" value="14"/> days	Organization Name <input type="text"/>
Minimum Password Length <input type="text" value="4"/>	<p>Note: CSID can be up to 20 characters long. Longer strings will be truncated.</p>

System Language

Language <input type="text" value="vm_en_us_22_01"/> <input type="text" value="vm_sp_mx_20_01"/>	Is Primary <input checked="" type="radio"/> <input type="radio"/>
--	---

Note: When toggling between primary and secondary languages, all the announcements and prompts shall be toggled as well.

[> Manage Static Language Packs](#)

Field	Contains
Voice Mail Properties	
System Language Mode	<ul style="list-style-type: none"> Monolingual Bilingual
Broadcast Aging Time	
Minimum Password Length	
CSID Name Format	<ul style="list-style-type: none"> Disabled Organization Name Organization and Directory Names
Organization Name	Can be up to 20 characters long.
System Language	

Field	Contains
Language	Specify primary and secondary language files. Indicate which is primary with the following set of radio buttons.
Is Primary	Radio buttons to select which of the two system language files is primary. Note: When switching between primary and secondary languages, all of the announcements and prompts are switched as well.

Button	Action
Manage Static Language Packs	Opens Static Language Files screen.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Voicemail & Auto Attendant System Parameters Screen

Managed Objects? Voicemail Service.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Static Language Files

This screen displays current information about static language files.

System Language Files						
Current Information		Download Process				
File Name	File Size	Timestamp	Description	Language	Version	Comment
vm_en_us_22_01.lng-A	8098000	R-2007-01-09,4	Voicemail File Bank A	<TBD>	22_01	---
vm_sp_mx_20_01.lng-B	31133904	R-2006-12-15,4	Voicemail File Bank B	<TBD>	20_01	May be incompatible with Server Blade Image. Language File upgrade recommended.

Column	Contains
File Name	Static language pack file name.
File Size	File size in bytes.
Timestamp	Date and time static language pack was last modified.
Description	Description of the static language pack
Language	
Version	Version.
Comment	Any additional comments provided by the developers.

Static Language Files Download Process Tab

This screen allows download of static language files.

System Language Files

Current Information | **Download Process**

Download/Install Language Packs:

Destination Static Language:

Download method:

Remote filename (full path)

Username

Password

Server address

Field	Contains
Destination Static Language	<ul style="list-style-type: none">• Static Language Bank A• Static Language Bank B
Download Method	<ul style="list-style-type: none">• FTP• SCP• File• USB
Remote Filename (full path)	
Username	User account for file transfers.
Password	User password for file transfers.
Server Address	

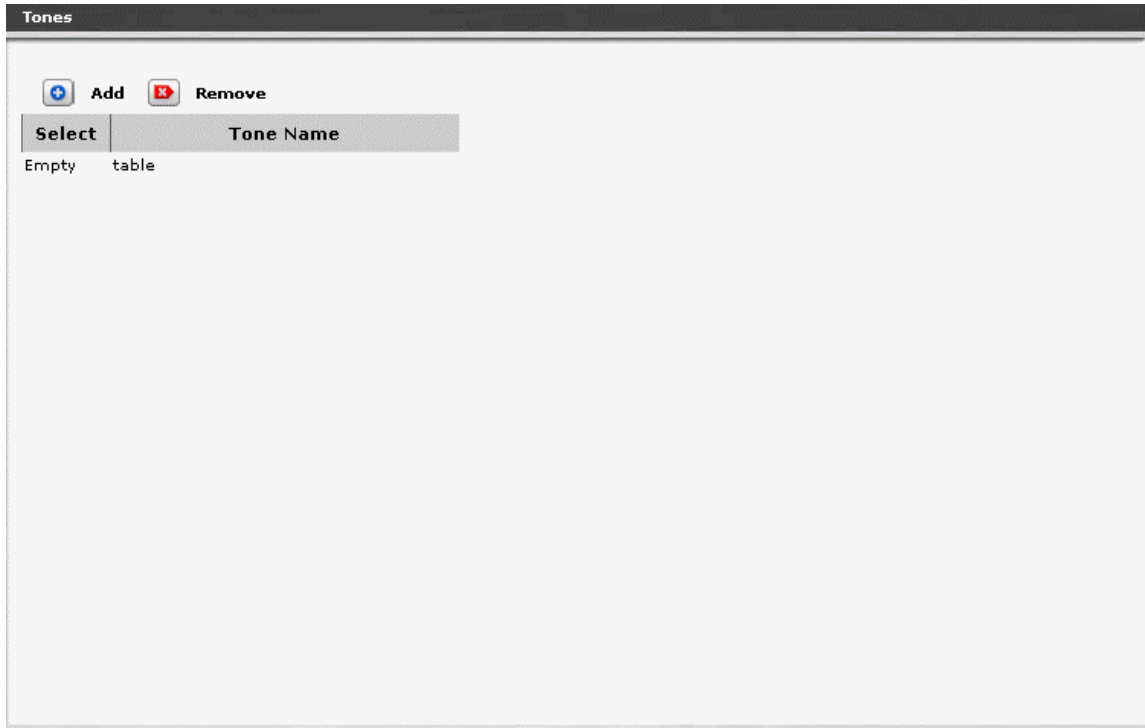
Button	Action
Start	

Media Services

Tones

Tones List

The Tones List shows all defined tones.



Column	Contains
Select	Check multiple tones to Remove at the same time.
Tone Name	Tone name.

Button	Action
Add	Opens the Tone Details screen for additional editing.
Edit	Opens the Tone Details screen for the selected tone.
Remove	Deletes (with confirmation) all selected tones.

How to Get to the Tones List

Managed Objects > Configuration > Telephony > Media Services > Tones.

How to Add a Tone

1. Navigate to the **Tones List: Managed Objects > Configuration > Telephony > Media Services > Tones**.
2. Click **Add** to open the **Tone Detail** screen.
3. In the **Tone Detail** screen, select **Frequency/Level** and enter **Duration** information for as many steps as necessary for the tone.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a Tone

1. Navigate to the **Tones List: Managed Objects > Configuration > Telephony > Media Services > Tones**.
2. Click the **Name** of the tone you wish to edit.
3. In the **Tone Details** screen, change the information as necessary for the tone.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove a Tone

1. Navigate to the **Tones List: Managed Objects > Configuration > Telephony > Media Services > Tones**.
2. Check the **<select>** box at the beginning of each tone to be deleted. (You can delete multiple tones in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the tone(s) or click **Back to List** to cancel the deletion and return to the **Tones List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Tone Details

This screen provides specifications for each tone.

Tone

Back to List
 Apply Changes

1-call-wait ▼

Cadence Step	Tone Frequency/Level	Duration(ms)/Step
1	<input type="text"/>	<input type="text"/>
2	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>
4	<input type="text"/>	<input type="text"/>
5	<input type="text"/>	<input type="text"/>
6	<input type="text"/>	<input type="text"/>
7	<input type="text"/>	<input type="text"/>
8	<input type="text"/>	<input type="text"/>
9	<input type="text"/>	<input type="text"/>
10	<input type="text"/>	<input type="text"/>
11	<input type="text"/>	<input type="text"/>
12	<input type="text"/>	<input type="text"/>
13	<input type="text"/>	<input type="text"/>
14	<input type="text"/>	<input type="text"/>
15	<input type="text"/>	<input type="text"/>

Column	Contains
<Tone Name>	Drop-down list. The Tone Name as shown on the Tones List . Select a different tone name for multiple edits.
Tone Frequency/Level	Drop-down list with all available Frequency/Level specifications available.
Duration (ms)/Step	Enter the Duration of this tone step in milliseconds.

Button	Action
Back to List	Returns to the Tones List screen without saving any changes.
Apply Changes	Saves the changes made so far.

System Announcements

Systems Announcements List

This screen displays a list of system announcements.



Column	Contains
<Select>	Check multiple announcements to Remove at the same time.
Name	Symbolic name describing the announcement message. Up to 27-character alpha-numeric filename.
Extension	Extension that plays the announcement.
Privileges	<ul style="list-style-type: none"> • Admin • High • Medium • Low • No
Queue	
Type	
Status	

Button	Action
New	Opens the System Announcement Details screen for creating a new entry.
Remove	Deletes (with confirmation) all selected system announcements.

How to Get to the System Announcements Screen

Managed Objects > Configuration > Telephony > Automated Attendant Services > Announcements.

How to Add a System Announcement

1. Navigate to the **Announcements List: Managed Objects > Resources > Announcements** or **Managed Objects > Configuration > Telephony > Automated Attendant Services > Announcements**.
2. Click **Add Announcement** to open the [System Announcement Details](#) screen.
3. In the [System Announcement Details](#) screen, fill in the appropriate information for the new announcement.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit a System Announcement

1. Navigate to the **Announcements List: Managed Objects > Resources > Announcements** or **Managed Objects > Configuration > Telephony > Automated Attendant Services > Announcements**.
2. Click the **Name** of the announcement you wish to edit.
3. In the [System Announcement Details](#) screen, change the information as necessary for the announcement.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove a System Announcement

1. Navigate to the **Announcements List: Managed Objects > Configuration > Telephony > Automated Attendant Services > Announcements**.
2. Check the **<select>** box at the beginning of each announcement to be deleted. (You can delete multiple announcements in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the announcement(s) or click **Back to List** to cancel the deletion and return to the **System Announcements List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

System Announcement Details

Not Available.

Platform

Network Connections

Network Connections General Tab

This screen displays and accepts general information about your system's network connection.

Network Connection

+ **Apply Changes**

General
DNS
HTTP
SMTP

Host Name <input style="width: 90%;" type="text" value="g250-ds1"/>	Default Gateway <input style="width: 90%;" type="text" value="172.31.96.2"/>
Host IP Address <input style="width: 90%;" type="text" value="172.31.96.41"/>	Subnet Mask <input style="width: 90%;" type="text" value="255.255.0.0"/>
Media Gateway IP Address <input style="width: 90%;" type="text" value="172.31.96.40"/>	Voice VLAN <input style="width: 90%;" type="text" value="1:V1"/>
Host Location <input style="width: 90%;" type="text" value="lz"/>	System Contact <input style="width: 90%;" type="text" value="lynn"/>

Field	Contains
Host Name	Administered host name.
Host IP Address	Host IP address.
Media Gateway IP Address	Media gateway IP address.
Host Location	Description of host location.
Default Gateway	Default gateway IP address.
Subnet Mask	Subnet Mask.
Voice VLAN	Voice VLAN.
System Contact	Local contact.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Network Connections Screen

Managed Objects > Configuration > Platform > Network Connections.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Network Connections DNS Tab

This screen displays and accepts information about your network name server.

Field	Contains
Primary Name Server	IP address.
Secondary Name Server	IP address.
Domain Name(s)	The domain names are listed in the order in which they are searched.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Network Connections HTTP Tab

This screen displays and accepts HTTP proxy information.

Field	Contains
Enable HTTPS Proxy	Checkbox. Enables Hostname or IP Address and Port fields.
Hostname or IP Address	
Port	

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Network Connections SMTP Tab

This screen displays and accepts information for the outgoing email server.

Field	Contains
Sender E-Mail Address	From/Reply To address used for sending email.
SMTP Server Location	<ul style="list-style-type: none"> • Locate using DNS - •
Server Address	SMTP server IP address.
Server Port	
Use Authentication	Checkbox. Enables Account Name and Password fields.
Account Name	User account for sending email.
Password	User account password for sending email.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Date & Time

Platform Date and Time

This screen displays and accepts date and time information for the system hardware.

Field	Contains
MM	Select the month of the year.
DD	Select the day of the month.
YYYY	Enter the year using four digits.
Time	Enter the current time in hours, minutes, and seconds using a 24-hour clock. (Clock will be set to this time when Apply Changes is clicked.)
Time Zone	Select the time zone.
Automatically synchronize date and time with NTP server	Checkbox. Enables Primary Server and Secondary Server fields.
Primary Server	Server URL or IP address.

Field	Contains
Secondary Server	Server URL or IP address.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Platform Date & Time Screen

Managed Objects > Configuration > Platform > Date & Time.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Authentication & Authorization

Administrative Users Accounts

This screen identifies administrative user accounts and passwords.

Field	Contains
Enable Avaya Global Services Users	Checkbox.
Enable remote authentication of admin users via Radius	

Column	Contains
Select	Check multiple Hunt Groups to Remove at the same time.
User	Administrative user account name.
Password	Password for user account.
Confirm	Confirm password for user account.

Button	Action
Add New	Adds a blank line to the table for a new user account.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .
Remove	Deletes (with confirmation) all selected users.

How to Get to the Administrative Users Accounts Screen

Managed Objects > Configuration > Platform > Authentication & Authorization > Administrative Users Account.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

RADIUS Client

This screen displays and collects information used to find the RADIUS server.

Field	Contains
Primary RADIUS Server	
Server Enabled	Checkbox.
Server Address	Server URL or IP address.
Secondary RADIUS Server	
Server Enabled	Checkbox.
Server Address	Server URL or IP address.
RADIUS Server Settings	
UDP Port	
Shared Secret	
Max. Retries	[Default = 4]

Field	Contains
Retry Timeout (sec)	[Default = 5]

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the RADIUS Client Screen

Managed Objects > Configuration > Platform > Authentication & Authorization > RADIUS Client.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Ethernet Switch

Ethernet System Parameters Network Access Control Tab

This screen displays and accepts information for network access control (802.1x).

Field	Contains
Enable System Authentication Control	Checkbox. Enables other fields.
Enable Re-Authentication	Checkbox.
Max Requests	[Default = 2]
Quiet Period	[Default = 60]
Reauthenticate Period	[Default = 3600]
Server Timeout	[Default = 30]
Supplicant Timeout	[Default = 30]
Tx Period	[Default = 30]

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Ethernet Switch System Parameters Screen

Managed Objects > Configuration > Platform > Ethernet Switch > System Parameters.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Ethernet System Parameters LLDP Tab

This screen displays and accepts parameters for Link Layer Discovery Protocol (LLDP).

Field	Contains
Enable System Control	Checkbox.
Message Tx Interval	[Default = 30]
Message Tx Hold Multiplier	[Default = 4]
Re-init Delay	[Default = 2]
Tx Delay	[Default = 2]

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Ethernet System Parameters PoE Trap Tab

This screen displays and accepts information for Power Over Ethernet consumption trap.

Field	Contains
Enable PoE Power Consumption Trap	Checkbox. Enables Threshold field.
Threshold (%)	

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Ethernet System Parameters Mirror Port Trap Tab

This screen displays and accepts information about port mirroring.

Field	Contains
Enable Port Mirroring	Checkbox. Enables Source Port , Mirror Port , and Direction fields.
Source Port	Drop-down list shows available ports.
Mirror Port	Drop-down list shows available ports.
Direction	<ul style="list-style-type: none"> • both • tx • rx

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Ethernet Ports List Report

This screen displays the **Ethernet Ports** report.

Ports								
Name	Module/Port	Operative Status	PVID	Default Priority	Auto Neg.	Dup.	Spd.	Type
NO NAME	10/3	connected	1	0	enable	full	100M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/4	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/5	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/6	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/7	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/8	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/9	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/10	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"

Column	Contains
Name	Ethernet port name.
Module / Port	Slot number and port where Ethernet interface located.
Operative Status	<ul style="list-style-type: none"> • Connected • No Link
PVID	
Default Priority	
Auto Neg.	Auto negotiation: <ul style="list-style-type: none"> • enable • disable
Dup.	Duplex: <ul style="list-style-type: none"> • half • full

Column	Contains
Spd.	Speed <ul style="list-style-type: none">• 10M• 100M
Type	

How to Get to the Ethernet Ports List Report Screen

Managed Objects > Configuration > Maintenance & Monitoring > Platform > Ethernet Switch > Ports.

How to Monitor Ethernet Ports

Ethernet Port Details: General Tab

This screen displays and collects general information about an Ethernet port.

The screenshot shows a configuration interface for an Ethernet port. At the top, there are buttons for 'Back to List' and 'Apply Changes'. Below these are two tabs: 'General' (selected) and 'VLANs'. The main configuration area contains the following fields and options:

- Module/port:** 10/3
- Type:** "Avaya Inc., G250-DS1 Media Gateway, 10/100BaseTx-PWR Port"
- Name:** NO NAME
- Administrative Status:**
- Auto Negotiation:**
- PoE Status:**
- Trunk:**
- Duplex:** full
- Speed:** 100
- Default Ingress Priority:** 0
- Network Access Control:**
 - Status:**
- Mode:** portBasedAuthentication

Field	Contains
Module/port	
Type	
Name	The administered name for the Ethernet port.
Status	Checkbox.
Mode	<ul style="list-style-type: none"> • macBasedAuthentication • portBasedAuthentication
Administrative Status	Checkbox.
Auto Negotiation	Checkbox.
PoE Status	Checkbox.
Trunk	Checkbox.

Field	Contains
Duplex	<ul style="list-style-type: none">• full• half
Speed	<ul style="list-style-type: none">• 10• 100
Default Ingress Priority	0 through 7

Button	Action
Back to List	Returns to the Ethernet Ports List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Ethernet Port Details: VLANs Tab

This screen displays and collects associations of VLANs with Ethernet ports.

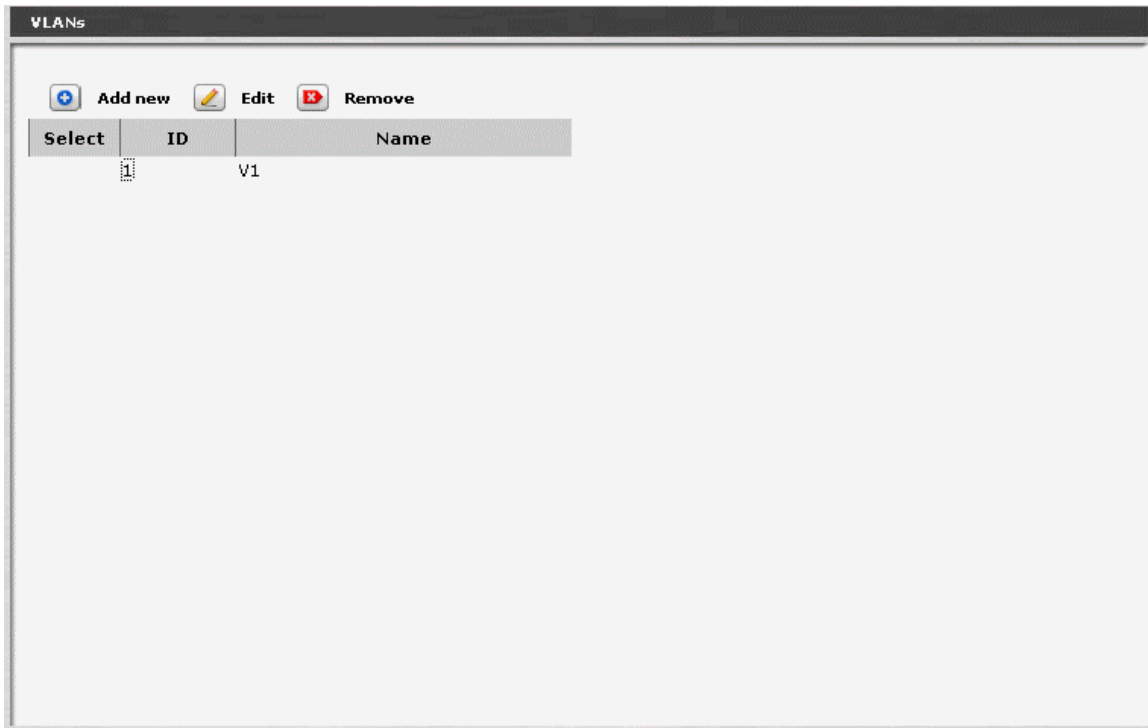
Field	Contains
Available List	All available VLANs are presented.
Selected List	Selected VLANs are presented.
Default VLAN ID	Indicate which of the VLANs on the Selected List is the default.

Button	Action
>	Move the selected items in the Available List to the Selected List .
>>	Move all items in the Available List to the Selected List .
<	Remove the selected items in the Selected List and return them to the Available List .
<<	Remove all items in the Selected List and return them to the Available List .

Button	Action
Back to List	Returns to the Ethernet Ports List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Ethernet VLANs List

This screen displays a list of Ethernet VLANs.



Column	Contains
Select	Check multiple VLANs to Remove at the same time.
ID	VLAN ID.
Name	VLAN name.

Button	Action
Add New	Opens a pre-populated VLAN Details screen for additional editing.
Edit	Opens a VLAN Details screen for the selected VLAN.
Remove	Deletes (with confirmation) all selected VLANs.

How to Get to the Ethernet VLANs List Screen

Managed Objects > Platform > Ethernet Switch > VLAN.

How to Add an Ethernet VLAN

1. Navigate to the **Ethernet VLANs List: Managed Objects > Platform > Ethernet Switch > VLAN**.
2. Click **Add New** to open the **VLAN Details** screen.
3. In the **VLAN Details** screen, fill in the appropriate information for the new VLAN.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Edit an Ethernet VLAN

1. Navigate to the **Ethernet VLANs List: Managed Objects > Platform > Ethernet Switch > VLAN**.
2. Select a VLAN by clicking on its **Name** to open a **VLAN Details** screen filled in with the selected entry.
3. Change the information as required.
4. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

How to Remove an Ethernet VLAN

1. Navigate to the **Ethernet VLANs List: Managed Objects > Platform > Ethernet Switch > VLAN**.
2. Check the **<select>** box at the beginning of each VLAN to be deleted. (You can delete VLANs in one step.)
3. Click **Remove**. A **Confirm Deletion** message box displays.
4. Click **Confirm** to delete the hunt group(s) or click **Back to List** to cancel the deletion and return to the **VLANs List**.
5. Click **Apply Changes** to save the changes. To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Ethernet VLAN Details

This screen displays and collects information about an Ethernet VLAN.

VLANs: V1

Back to List Apply Changes

VLAN ID
1

Name
V1

Field	Contains
VLAN ID	
Name	Administered name for the VLAN.

Button	Action
Back to List	Returns to the Ethernet VLANs List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Data Services

Data Services Status

This screen displays and accepts data services status changes.

Field	Contains
Enable DHCP Service	Checkbox.
Enable SSH Service	Checkbox.
Enable NTP	Checkbox.
SNMP Service Status	<ul style="list-style-type: none"> • SNMP Enabled • SNMPv1 Disabled, SNMPv3 Enabled • SNMP Disabled

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Data Services Status Screen

Managed Objects > Configuration > Platform > Data Services > Data Services Status.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

DHCP Services

DHCP Services Address Pool Tabs

The three address pool tabs display and accept information defining address pools.

The screenshot shows the DHCP Service configuration window. At the top, there is a title bar 'DHCP Service' and an 'Apply Changes' button. Below it are seven tabs: 'General', 'Address Pool 1', 'Pool 1 - Options', 'Address Pool 2', 'Pool 2 - Options', 'Address Pool 3', and 'Pool 3 - Options'. The 'Address Pool 1' tab is active. The main content area contains a checkbox labeled 'Activate Pool?' which is checked. Below this are several input fields: 'Address Pool Name' (empty), 'Lease Time' (691200), 'IP Address Range' (two empty boxes separated by 'To'), 'Subnet Mask' (255.255.255.0), 'Domain Name' (empty), 'Default Gateway(s)*' (empty), 'DNS Server(s)*' (empty), 'SMTP Server(s)*' (empty), and 'TFTP Server' (empty). A footnote at the bottom reads '* Use space to separate multiple addresses'.

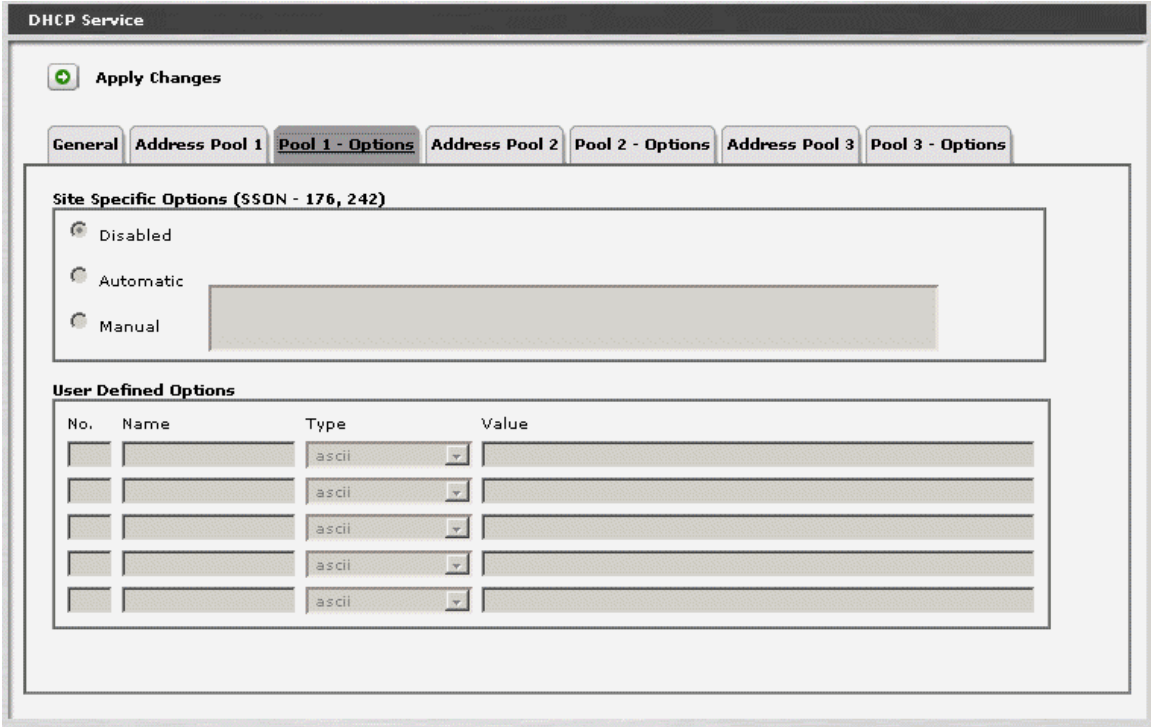
Field	Contains
Activate Pool?	Checkbox.
Address Pool Name	Administered address pool name.
Lease Time	
Address Range	IP addresses included in the pool.
Subnet Mask	
Domain Name	
Default Gateway(s)	
DNS Server(s)	
SMTP Server(s)	

Field	Contains
TFTP Server	

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

DHCP Services Pool Options Tabs

The three pool option tabs display and accept information about pool options.



Field	Contains
Site Specific Options (SSON 176, 242)	
Disabled	
Automatic	
Manual	Enables following edit box.

Column	Contains
User Defined Options	
No.	
Name	Option name.

Column	Contains
Type	<ul style="list-style-type: none">• ASCII• hex• IP-address-list• integer• word
Value	

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

DHCP Services General Tab

This screen enables ping processing.



Field	Contains
Enable Ping Packets	Checkbox.
Ping Timeout (msec)	Ping timeout in milliseconds.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the DHCP Services Screen

Managed Objects > Configuration > Platform > Data Services > DHCP Services.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

SNMP Agent

SNMP v1

This screen displays and collects basic information about SNMP.

Field	Contains
SNMP Service Status	<ul style="list-style-type: none"> • SNMP Enabled • SNMPv1 Disabled, SNMPv3 Enabled • SNMP Disabled
Read Community	The administered read community name.
Write Community	The administered write community name.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the SNMP Agent Screen

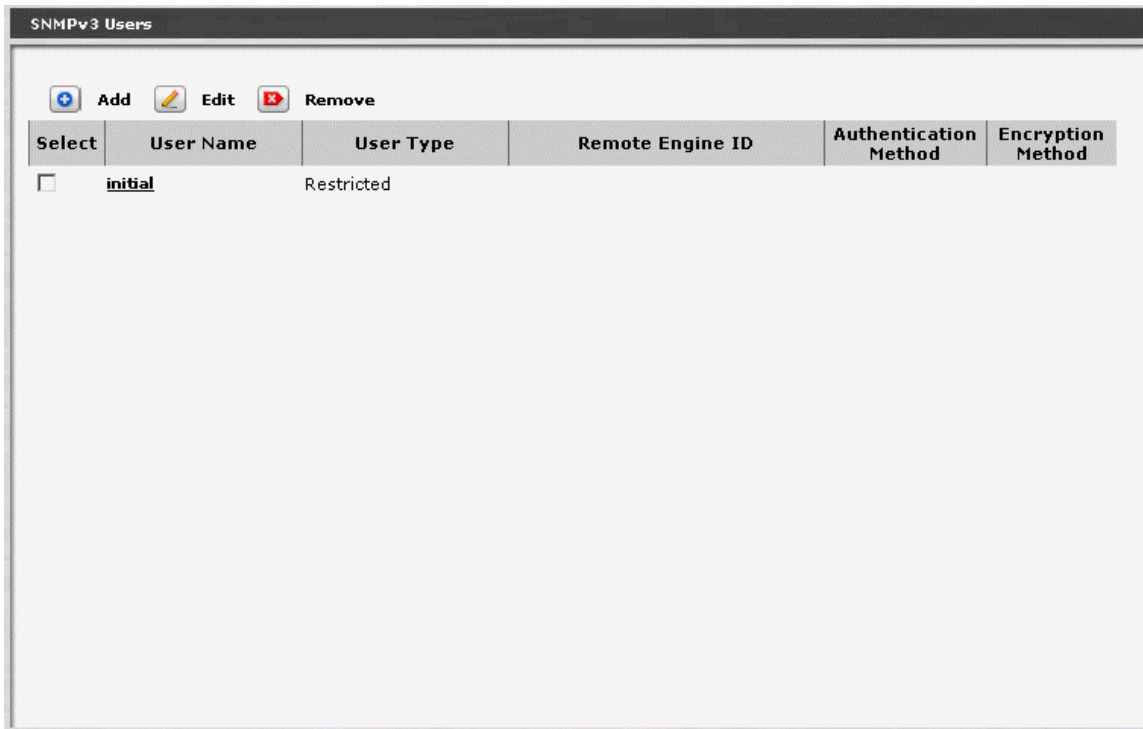
Managed Objects > Configuration > Platform > SNMP Agent > SNMP Agent General.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

SNMP v3 Users List

This screen displays a list of SNMPv3 Users.



Field	Contains
Select	
User Name	SNMP user name.
User Type	<ul style="list-style-type: none"> • ReadOnly • ReadAndWrite • NotificationOnly
Remote Engine ID	Leave empty.
Authentication Method	<ul style="list-style-type: none"> • MD5 • SHA
Authentication Password	
Encryption Method	<ul style="list-style-type: none"> • DES

Button	Action
Add	Opens a pre-populated SNMPv3 User Details screen for additional editing.
Edit	Opens a SNMPv3 User Details screen for the selected user.
Remove	Deletes (with confirmation) all selected hunt groups.

How to Get to the SNMP v3 User Details Screen

Managed Objects > Configuration > Platform > SNMP Agent > SNMP v3 Users.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

SNMPv3 User Details

This screen displays and accepts information about a SNMPv3 user.

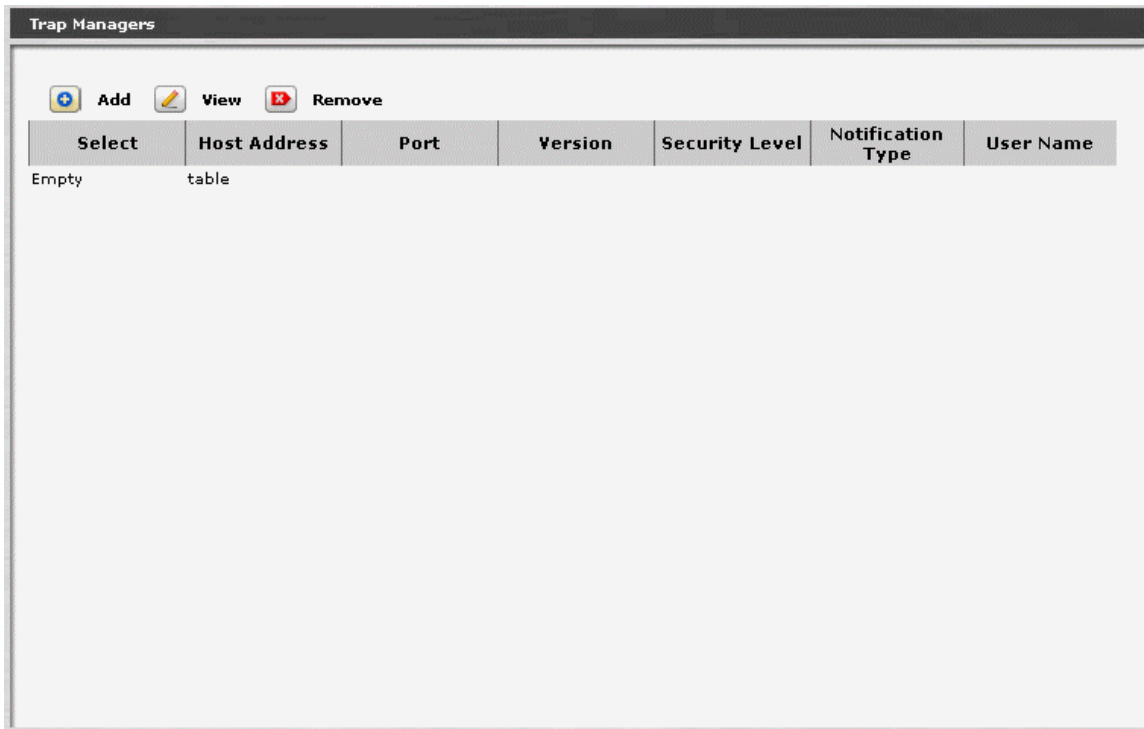
The image shows a web-based configuration form titled "SNMPv3 Users - View restricted user". The form contains the following fields:

- User ID: 1
- User Name:
- User Type:
- Remote Engine ID *:
- Authentication Method:
- Authentication Password:
- Encryption Method:
- Encryption Password:

Field	Contains
User ID	
User Name	
User Type	
Remote Engine ID	
Authentication Method	
Authentication Method	
Encryption Method	
Encryption Password	

SNMP v3 Trap Managers List

This screen displays a list of SNMPv3 Trap Managers.



Field	Contains
Trap Manager ID	System Assigned.
IP Address	
Port	
Version	<ul style="list-style-type: none"> • v1 • v2c • v3
Community String	One of the defined SNMPv1 Community strings.
User Name	
Security Level	<ul style="list-style-type: none"> • noAuthNoPriv • AuthNoPriv • AuthPriv
Notification Type	<ul style="list-style-type: none"> • trap • inform

Button	Action
Add	Opens a pre-populated SNMPv3 Trap Manager Details screen for additional editing.
View	Opens a SSNMPv3 Trap Manager Details screen for the selected user.
Remove	Deletes (with confirmation) all selected hunt groups.

How to Get to the SNMP v3 Trap Manager Details Screen

Managed Objects > Configuration > Platform > SNMP Agent > SNMP v3 Trap Managers.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

SNMP v3 Trap Manager Details

This screen displays and accepts detail information about an SNMPv3 Trap Manager.

Trap Managers - Add new

Trap Manager ID: 1

IP Address:
 Community String *:
 Security Level:

Port:
 User Name:
 Notification Type:

Version:

* One of the defined SNMPv1 Community strings

Field	Contains
Trap Manager ID	
IP Address	
Port	
Version	
Community String	
User Name	
Secutiry Level	
Notification Type	

Button	Action
Back to List	Returns to the SNMPv3 Trap Manager List screen without saving any changes.
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Physical Configuration

Physical Configuration Contact Closure Tab

This screen defines the characteristics of the contact closure and the status of the emergency transfer relay.

The screenshot shows the 'Physical Configuration' window with the 'Contact Closure & Emergency Transfer' tab selected. At the top left is an 'Apply Changes' button. Below the tabs, the 'Contact Closures' section contains a table with columns for 'Pulse Duration (seconds)', 'Administrative Status', and 'Description'. Two rows are visible, both with a pulse duration of 3 seconds and an administrative status of 'mgc', with descriptions 'MGC chose'. Below this, the 'Emergency Transfer (ETR)' section has a 'Module No.' field set to 3 and a 'Status' dropdown menu set to 'auto'.

Field	Contains
Contact Closures	
<contact id>	Contact identification.
Pulse Duration (seconds)	Pulse duration in seconds.
Administrative Status	<ul style="list-style-type: none"> • MGC - • Manual Trigger - • Manual Off -
Description	
Emergency Transfer (ETR)	
Module No.	

Field	Contains
Status	<ul style="list-style-type: none"> • Auto • Manual On • Manual Off

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Physical Configuration Screen

Managed Objects > Configuration > Platform > Physical Configuration.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Physical Configuration TDM Clock Source Tab

This screen defines the source of the TDM clock.

Field	Contains
Source	<ul style="list-style-type: none"> • Local - Enables Slot and Port(s) fields. • Network
Slot	Location of the circuit board containing the port to use for clocking. Enabled by selecting Local for Source .
Port(s)	The port from which to obtain clocking. Enabled by selecting Local for Source .

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Logging

Logging: Servers Tab

This Servers tab on the Logging screen specifies the addresses of up to three logging servers and the filter to use for each logging server:

Field	Contains
Server Enabled	Checkbox.
IP Address or Name	The IP address or URL for this logging server.
Logging Filter in Use	The logging filter to use to route desired data to this logging server. Select from pre-defined filters in drop-down list.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Logging Details Screen

Managed Objects > Configuration > Platform > Logging.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Logging: Storage Tab

This Storage tab on the Logging screen specifies whether to **Enable Debug Log** and the filter to use for the debug log:

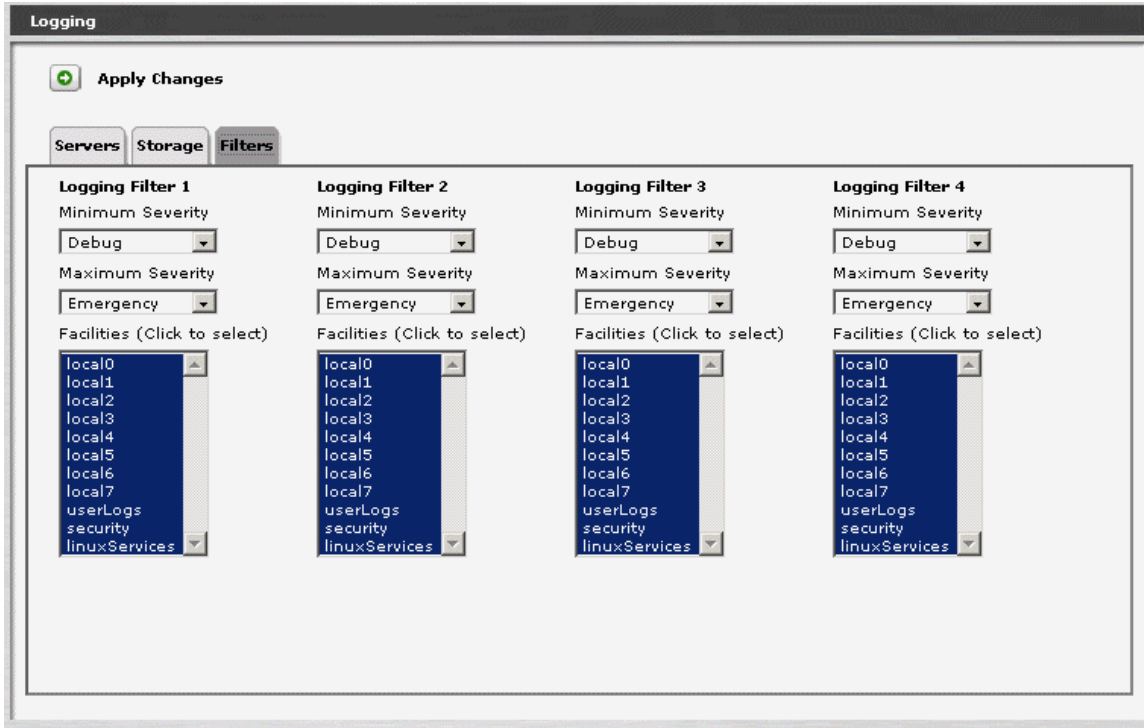
The screenshot shows the 'Logging' configuration window. At the top left is an 'Apply Changes' button with a green plus icon. Below it are three tabs: 'Servers', 'Storage' (which is selected and highlighted), and 'Filters'. The main content area contains a checked checkbox labeled 'Enable Debug Log'. Below that is the text 'Logging Filter in Use' followed by a dropdown menu currently showing 'Pass All'.

Field	Contains
Enable Debug Log	Check to enable Debug Log.
Logging Filter in Use	Specify the filter to use for the Debug Log.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Logging: Filters Tab

This Filters tab on the Logging screen allows user filtering of log data. Several Logging Filters can be defined with a Minimum Severity, a Maximum Severity, and a list of Facilities. The log records that pass a filter are sent on to the logging server.



Field	Contains
Minimum Severity	<ul style="list-style-type: none"> • Debug • Informational • Notice • Warning • Error • Critical • Alert • Emergency

Field	Contains
Maximum Severity	<ul style="list-style-type: none">• Debug• Informational• Notice• Warning• Error• Critical• Alert• Emergency
Facilities (Click to select.)	Select one or more facilities to be allowed to pass through the filter.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Each logging server and the debug log (if enabled) can have an associated filter. The Logging Filter in Use is selected from a drop-down list of the available filters.

Modem Dial-In

Modem Dial-In

This screen enables modem dial-in for remote maintenance.

Field	Contains
Allow Modem Dial-In	Checkbox. Enables all other fields.
Modem Init String	Any special modem init string as needed. Warning: Improper configuration may disrupt modem operation.
Dial-In Authentication Method	<ul style="list-style-type: none"> • RAS • CHAP
User Name	
Password	
Dial-In IP Address	IP address must not reside within the server-blade's subnet.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Modem Dial-In Screen

Managed Objects > Configuration > Platform > Modem Dial-In.

How to Exit Without Saving Changes


To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Avaya Global Services

Avaya Global Services

This screen enables automatic alarm reporting directly to Avaya Global Services.

Avaya Global Services

 **Apply Changes**

Enable modem dial-out for alarming to Avaya Global Services

Dial-Out AT Command Strings *

1.

2.

3.

ISP User Name

ISP Password

Enable sending alarms to Avaya Global Services

Alarming Servers

1.

Alarm IDs

Feature Server **undefined**

Voicemail **undefined**

SIP Enablement Services **undefined**

Application Enablement **undefined**

Platform **undefined**

* Warning: Improper configuration may disrupt modem operation

Field	Contains
Enable modem dial-out for alarming to Avaya Global Services	Checkbox. Enables all other fields.
Dial-Out AT Command Strings	Dial-out command strings using the standard AT command set as implemented by your modem. This includes the dialing string to reach Avaya Global Services. Warning: Improper configuration may disrupt modem operation.
ISP User Name	
ISP Password	
Enable Sending alarms to Avaya Global Services	Checkbox. Enables Alarming Servers and Alarm IDs fields.

Field	Contains
Alarming Servers	
Alarm IDs	A code used to indicate the source of the alarm. <ul style="list-style-type: none">• Feature Server• Voicemail• SIP Enablement Services• Application Enablement• Platform

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

How to Get to the Avaya Global Services Screen

Managed Objects > Configuration > Platform > Avaya Global Services.

How to Exit Without Saving Changes

To discard the changes, click **Home** (in the menu bar) or another entry under **Managed Objects**.

Maintenance & Monitoring

System Summary

System Summary

This screen displays a general summary of the system status.

System Summary							
Device:	g250-ds1			RAM:	421MB/512MB		
Name:	g250-ds1			Flash:	349MB/512MB		
Location:	lz			CPU Utilization:	1.75 1.87 1.94		
Contact:	lynn			Emergency Transfer Relay:	active		
Date & Time:	05:08:12 31 Jan 2007						
Uptime:	6 days, 15:08						
Status:	Status						
Current TDM clock source:	Local						
SIP Domain:	siptarts.com						
IP Address:	172.31.96.41						
Media Gateway IP Address:	172.31.96.40						
Subnet:	255.255.0.0						
VLAN:	V1(1)						
MAC Address:	00:04:0D:F5:54:44						
Media Gateway MAC Address:	00:04:0D:6D:66:E1						
Firmware:	L1.0.0_23.03-SP-1.2.0						
Media Gateway Firmware:	27.3.0						
Media Module Inventory							
Slot	Module	Type	HW Vintage	HW Suffix	Serial #	FW Version	Status
1	LSB	Server Blade	2	A	06IS27819533	L1.0.0_23.03-SP-1.2.0	OK
3	Integrated analog	Analog	1	A	N/A	N/A	OK
4	Integrated DS1	ISDN PRI	1	A	N/A	N/A	OK
Chassis	i40-DS1	N/A	2	B	06IS14708299	27.3.0	OK

Field	Contains
Device	Avaya product name.
Name	Name administered by customer.
Location	Customer location string - up to 255 characters including new line (:n).
Contact	Customer contact string - up to 255 characters including new line (:n).
Date & Time	The date and time of this system summary.
Uptime	How long the system has been up since the last reset.
Status	The highest active alarm severity. Click this field to link to the Alarm display.

Field	Contains
Current TDM Clock Source	<ul style="list-style-type: none"> • Primary • Secondary • Local
RAM	<used>/<total> RAM.
Flash	<used>/<total> Flash memory.
CPU Utilization	Average CPU utilization for the last <one>, <five>, and <fifteen> minutes.
Emergency Transfer Relay	Current status of the Emergency Transfer Relay. <ul style="list-style-type: none"> • On • Active • Active (off-hook) • Off
SIP Domain	The name of the Authoritative Domain (registrar) from network region 1.
IP Address	The assigned IP address for the device CPU.
Media Gateway IP Address	The assigned IP address for the media gateway. (Expected to become obsolete in later releases.)
Subnet	Usually 255.255.255.0.
VLAN	The name of the voice LAN used for bearer traffic.
MAC Address	The Media Access Controller (MAC) address of the Network Interface Card (NIC) for the device CPU.
Media Gateway MAC Address	The Media Access Controller (MAC) address of the Network Interface Card (NIC) for the media gateway. (Expected to become obsolete in later releases.)
Firmware	The firmware version running on the CPU.
Media Gateway Firmware	The firmware version running on the media gateway.

If the DOLM software is unable to communicate with the Media Gateway, it will display the error message:

"Can't communicate with media-gateway"

after this portion of the table. Otherwise, a Media Module Table will follow containing the following information:

Column	Contains
Slot	The name or number corresponding to the chassis or shelf containing the modules.
Module	The name administered for the module.
Type	Module description (e.g., MG, ICC, DCP, Analog)
HW Vintage	The hardware release level.
HW Suffix	The hardware suffix within the release level.
Serial #	The hardware serial number.
FW Version	The software version number.
Status	The status of the module alarm LED.

How to Get to the System Summary Screen

Managed Objects > Maintenance > System Summary.

How to Exit the System Summary Screen

Click **Home** (in the menu bar) or another entry under **Managed Objects**.

Alarms

Alarms List

This screen displays a list of alarms:

Display Active Alarms				
Last Acknowledged Alarm :				
ID	Date/Time	System	Severity	Description
9	24.1.2007 14:7:14	LFS	minor	"The TCP link to the CDR Collection Server has gone down abnormally and not come back after a retry."
13	24.1.2007 14:8:1	LFS	warning	"The Analog CO trunk-group/member 0005/01 port 001V301 has encountered no loop current on an outgoing call."
16	26.1.2007 1:33:36	LFS	warning	"The link to the H.323 telephone extension 201 port S00001 has gone down abnormally."
17	30.1.2007 21:53:33	LFS	warning	"The H.323 telephone extension 210 port S00007 has unregistered abnormally."
11	24.1.2007 14:7:40	PROV	warning	"Application initialization started; image version 'L1.0.0_23.03-SP-1.2.0' from bank B"

Column	Contains
ID	Unique identifier.
Date and Time	Date and time when alarm occurred.
System	System name: <ul style="list-style-type: none"> • HW - Hardware • LFS - Local Feature Set • LSS -
Severity	<ul style="list-style-type: none"> • Critical • Major • Minor • Warning • Info
Description	A "human readable" description of the alarm.

How to Display a List of Alarms

Navigate to the **Alarms List** screen: **Managed Objects > Maintenance & Monitoring > Alarms.**

Alarm Details

This screen displays details for an alarm.

Not Available.

How to Display Alarm Details

1. Navigate to the **Alarms List** screen: **Managed Objects > Maintenance & Monitoring > Alarms.**
2. Click on **????** to display alarm details.

Logs

Log Selection

Use this screen to select logs for viewing.

Field	Contains
<Select Log Types>	Radio Buttons: <ul style="list-style-type: none"> • Show Default Logs • Show All Logs • Show the following logs (checkboxes): <ul style="list-style-type: none"> ○ Debug Traces ○ Restart ○ Watchdog ○ Linux Syslog
Select Event Range	Radio buttons: <ul style="list-style-type: none"> • All • Today • "Last" <edit box> "Days" • Between (with date and time boxes) • Match Pattern (with edit box and Match Case checkbox).

Field	Contains
Match Pattern	With edit box.
Match Case	Checkbox.
Show Last	When viewing logs, how many lines to show. Leave empty to all lines.

Button	Action
View Log	Refreshes the log view to the specified number of lines in the log file.
Download Log	Downloads the selected log data to the browser as a text file.

How to Get to the Log Selection Screen

Managed Objects > Maintenance & Monitoring > Logs.

Log Display

This screen displays directly viewed or downloaded log files. See the Log Selection screen for information about selecting which logs to display.

Logs

```

20061220:043943529:81942:GMM(1895):HIGH:[cEventMgr::mainLoop():syslogEntry = Dec 20 04:39:43 g250-d
.]
20061220:043943530:81943:GMM(1895):HIGH:[cEventMgr::analyzeEvent():EVENT = appWeb: LBA: (1)[**/usr/
.]
20061220:043944115:81944:LBA_SERVICES(3358):LOW:[**/usr/local/web/443/lba-ws/libadmin/wsWrappers/W
20061220:043944118:81945:MainAdaptor(1948):LOW:[MainAdaptor:info: rcv message - EndUpdate*false]
20061220:043944119:81946:MainAdaptor(1948):LOW:[MainAdaptor:info: Sending reply message - EndUpdate
20061220:043944139:81947:LBA_SERVICES(3358):LOW:[**/usr/local/web/443/lba-ws/libadmin/wsWrappers/W
20061220:043944146:81948:GMM(1895):HIGH:[cEventMgr::mainloop(): going to increment GemCnt]
20061220:043944146:81949:GMM(1895):HIGH:[cEventMgr::mainLoop():syslogEntry = Dec 20 04:39:44 g250-d
.]
20061220:043944146:81950:GMM(1895):HIGH:[cEventMgr::analyzeEvent():EVENT = appWeb: LBA: (1)[**/usr/
.]
20061220:043944766:81951:GMM(1895):HIGH:[cEventMgr::mainloop(): going to increment GemCnt]
20061220:043944766:81952:GMM(1895):HIGH:[cEventMgr::mainLoop():syslogEntry = Dec 20 04:39:44 g250-d
.]
20061220:043944766:81953:GMM(1895):HIGH:[cEventMgr::analyzeEvent():EVENT = appWeb: LBA: (1)[**/usr/
.]
20061220:043944771:81954:MainAdaptor(1948):LOW:[MainAdaptor:info: rcv message - StartUpdate]
20061220:043944772:81955:MainAdaptor(1948):LOW:[MainAdaptor:info: Sending reply message - StartUpda
20061220:043944776:81956:LBA_SERVICES(3358):LOW:[**/usr/local/web/443/lba-ws/libadmin/wsWrappers/W
20061220:043944779:81957:LBA_SERVICES(3358):LOW:[**/usr/local/web/443/lba-ws/libadmin/wsWrappers/W
20061220:043945192:81958:LBA_SERVICES(3358):LOW:[**/usr/local/web/443/lba-ws/libadmin/wsWrappers/W
20061220:043945195:81959:MainAdaptor(1948):LOW:[MainAdaptor:info: rcv messace - EndUpdate*false]

```

Button	Action
Refresh Log	Refreshes the log view to the specified number of lines in the log file.
Edit Query	Returns to the Log Selection screen.

Reboot

This screen provides firmware information and allows user-initiated resets.

Reboot

Firmware information

Image	Bank	Status	Version	Size	TimeStamp	Is Lang. Pack Compatible
GW	A	Inactive	27.2.0	9200737		
GW	B	Active	27.3.0	9214513		
SB	A	Inactive	L1.0.0_23.03	113609006	R-2007-01-17,5	
SB	B	Active	L1.0.0_23.03	113609006	R-2007-01-17,6	
SP	A	Inactive	L1.0.0_23.03-SP-1.1.0	7534682	R-2007-01-17,6	
SP	B	Active	L1.0.0_23.03-SP-1.2.0	7542874	R-2007-01-17,6	

Choose an action to perform:

Reset Avaya Distribute Office

Reset only AM110

Reset only G250-DS1

Change boot bank and Reset AM110

Change boot bank and Reset G250-DS1

Column	Contains
Image	<ul style="list-style-type: none"> • SB - • SP - • GW - gateway
Bank	<ul style="list-style-type: none"> • A • B
Status	<ul style="list-style-type: none"> • Active • Inactive
Version	
Size	In bytes
TimeStamp	Date and time firmware was last modified.
Is Lang. Pack Compatible	

Field	Contains
Choose an Action to Perform	<ul style="list-style-type: none">• Reset Avaya Distributed Office• Reset only AM110• Reset only G250 DS1• Change bootbank and reset AM110• Change bootbank and reset G250 DS1

Button	Action
Reset	Executes the action chosen in the above radio buttons.

Network Diagnostics

This screen allows simple user-initiated network diagnostics.

Field	Contains
Choose a Command	<ul style="list-style-type: none"> • Ping - Establish connectivity to node whose URL or IP address is contained in the Parameter field. • Traceroute - Determine all intermediate hops between this node and node whose URL or IP address is contained in the Parameter field. • ARP
Parameter	The parameter required.

Button	Action
Start	Executes the action chosen in the above radio buttons.

Telephony

User Status Display

This screen displays user status and allows remote testing, busyout, and reset of selected user stations.

Users Status															
<input checked="" type="checkbox"/> Check All	<input type="checkbox"/> Clear All	<input type="checkbox"/> Busyout Checked	<input type="checkbox"/> Release Checked	<input type="checkbox"/> Reset Checked	<input type="checkbox"/> Test Checked	<input type="checkbox"/> Ping Checked	Status	Extension	User Name	Model	Signaling Type	Port	IP Address	MAC Address	Firmware Version
<input type="checkbox"/>							port in service	200	200analog	Avaya 6219	Analog	1V302			
<input type="checkbox"/>							not registered	201	201sage1603	Avaya 1608	H.323				
<input type="checkbox"/>							not registered	202	202spark	Avaya 9620	SIP				
<input type="checkbox"/>							not registered	203	203spark	Avaya 9620	SIP				
<input type="checkbox"/>							not registered	205	cisco205	Cisco 7960	SIP				
<input type="checkbox"/>							not registered	206	206	Avaya 9630	SIP				
<input type="checkbox"/>							port in service	207	207analog	Avaya 6219	Analog	1V303			
<input type="checkbox"/>							not registered	208	208sage1603	Avaya 1603	H.323				
<input type="checkbox"/>							not registered	225	225	Avaya 9620	SIP				

Column	Contains
<select>	Checkbox. When checked, this row is included in Busyout Checked , Release Checked , Reset Checked , Test Checked , or Ping Checked actions.
Status	<ul style="list-style-type: none"> Port in Service Not Registered Busyout
Extension	Extension associated with this user and station.
User Name	User Name.
Model	Set Type.
Signaling Type	<ul style="list-style-type: none"> Analog H.323 SIP

Column	Contains
Port	
IP Address	
MAC Address	
Firmware Version	

Button	Action
Check All	Checks <select> for all rows.
Clear All	Clears <select> for all rows.
Busyout Checked	Sets the station on each row with <select> checked to Busyout state.
Release Checked	Releases stations in the rows with <select> checked from Busyout state.
Reset Checked	Resets the station on each row with <select> checked.
Test Checked	Tests the station on each row with <select> checked.
Ping Checked	Pings the station on each row with <select> checked.

Trunk Groups

Trunk Group Status

This screen displays trunk group status and allows remote testing and busyout of selected trunk groups.

Trunk Group Status								
<input checked="" type="checkbox"/> Check All	<input type="checkbox"/> Clear All	<input type="checkbox"/> Busyout Checked	<input type="checkbox"/> Release Checked	<input type="checkbox"/> Test Checked	<input type="checkbox"/> Get Hourly Statistics			
<input type="checkbox"/>	Group Number	Group Name	Type	TAC	Number of Members	Members In Use	Members In Service	D-Channel State
<input type="checkbox"/>	2	Inter-Branch	SIP	#98	22	0	2	N/A
<input type="checkbox"/>	4	<u>isdn</u>	ISDN	*00	23	0	4	in service
<input type="checkbox"/>	5	<u>myco</u>	CO	*01	1	0	0	N/A

Column	Contains
<select>	Checkbox. When checked, this row is included in Busyout Checked , Release Checked , and Test Checked actions.
Group Number	
Group Name	Administered trunk group name.
Type	<ul style="list-style-type: none"> • CO • DID • CO-TIE • ISDN
TAC	Trunk Access Code.
Number of Members	Number of trunks in group.
Members in Use	Number of trunks in use.

Column	Contains
Members in Service	Number of trunks in service.
D-Channel State	<ul style="list-style-type: none"> • N/A - not applicable • In Service •

Button	Action
Check All	Checks <select> for all rows.
Clear All	Clears <select> for all rows.
Busyout Checked	Sets the station on each row with <select> checked to Busyout state.
Release Checked	Releases stations in the rows with <select> checked from Busyout state.
Test Checked	Tests the station on each row with <select> checked.
Get Hourly Statistics	Displays Trunk Group Hourly Statistics screen for a single row with <select> checked.

Trunk Group Member Status

This screen displays trunk status (by group) and allows remote testing and busyout of selected trunks.

Trunk Member Status - Trunk Group 4			
<input type="button" value="Previous Page"/> <input checked="" type="checkbox"/> Check All <input type="checkbox"/> Clear All <input type="button" value="Busyout Checked"/> <input type="button" value="Release Checked"/> <input type="button" value="Test Checked"/>			
	Member Number	Port	Member State
<input type="checkbox"/>	1	"001V401"	in service/idle
<input type="checkbox"/>	2	"001V402"	in service/idle
<input type="checkbox"/>	3	"001V403"	in service/idle
<input type="checkbox"/>	4	"001V404"	in service/idle
<input type="checkbox"/>	5	"001V405"	unknown
<input type="checkbox"/>	6	"001V406"	unknown
<input type="checkbox"/>	7	"001V407"	unknown
<input type="checkbox"/>	8	"001V408"	unknown
<input type="checkbox"/>	9	"001V409"	unknown
<input type="checkbox"/>	10	"001V410"	unknown
<input type="checkbox"/>	11	"001V411"	unknown
<input type="checkbox"/>	12	"001V412"	unknown
<input type="checkbox"/>	13	"001V413"	unknown
<input type="checkbox"/>	14	"001V414"	unknown
<input type="checkbox"/>	15	"001V415"	unknown
<input type="checkbox"/>	16	"001V416"	unknown

Column	Contains
<select>	Checkbox. When checked, this row is included in Busyout Checked , Release Checked , and Test Checked actions.
Member Number	
Port	
Member State	<ul style="list-style-type: none"> • In Service/Idle • In Service/Busy • Out of Service • Unknown

Button	Action
Check All	Checks <select> for all rows.
Clear All	Clears <select> for all rows.

Button	Action
Busyout Checked	Sets the trunk on each row with <select> checked to Busyout state.
Release Checked	Releases trunks in the rows with <select> checked from Busyout state.
Test Checked	Tests the trunks on each row with <select> checked.

Trunk Group Hourly Statistics

This screen displays hourly statistics for the trunk group selected on the **Trunk Group Status** screen.

Trunk Group Hourly Statistics - Trunk Group 4										
Previous Page										
Start Time	Total Usage	Maintenance Usage	Total Seizes	Incoming Seizes	Tandem Seizes	Group Overflows	Groups Out Of Service	All Trunks Busy Percentage	Out Blocks Percentage	
06:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
07:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
08:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
09:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
10:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
11:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
12:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
13:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
14:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
15:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
16:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	
17:00:00 30 Jan 2007	0	7	7	0	0	0	0	0	0	

Column	Contains
Start Time	Beginning of hour for which hourly statistics apply.
Total Usage	
Maintenance Usage	
Total Seizes	
Incoming Seizes	
Tandem Seizes	
Group Overflows	
Groups Out of Service	

Column	Contains
All Trunks Busy Percentage	
Out Blocks Percentage	

Button	Action

Outside Line Status

This screen displays the status of outside lines and allows remote testing and busyout of selected outside lines.

Outside Line Status

Check All
 Clear All
 Busyout Checked
 Release Checked
 Test Checked

	Line Number	Line Name	Type	TAC	Port	Number of Members
Empty table						

Column	Contains
<select>	Checkbox. When checked, this row is included in Busyout Checked , Release Checked , and Test Checked actions.
Line Number	
Line Name	Administered line name.
Type	<ul style="list-style-type: none"> • CO • DID • CO-TIE • ISDN
TAC	Trunk Access Code.
Port	
Number of Members	Number of bearer channels.

Button	Action
Check All	Checks <select> for all rows.
Clear All	Clears <select> for all rows.
Busyout Checked	Sets the station on each row with <select> checked to Busyout state.
Release Checked	Releases stations in the rows with <select> checked from Busyout state.
Test Checked	Tests the station on each row with <select> checked.

Remote CDR

Remote CDR

This screen displays the status of the remote Call Data Recorder server.

Remote CDR

Server:	Primary
Address:	255.255.255.255
Port:	0
Link State:	Down
Retries:	999
MaintBusy:	No

Field	Contains
Server	<ul style="list-style-type: none"> • Primary • Secondary
Address	Server IP Address.
Port	
Link State	
Retries	
MaintBusy	<ul style="list-style-type: none"> • Yes • No

How to Get to the Remote CDR Screen

Managed Objects > Maintenance & Monitoring > Telephony > Remote CDR.

How to Exit the Remote CDR Screen

Click **Home** (in the menu bar) or another entry under **Managed Objects**.

CTI

CTI Maintenance

This screen displays the status of the Computer Telephony Interface server and provides a reset button.

CTI Maintenance

Computer Telephony Integration

Restart Service

Switch:	Talking	Messages To Switch:	15
Since:	2007-01-24 14:07:06 CET	Messages From Switch:	15
CTI Link:	Talking	Number of Associations:	0
Since:	2007-01-24 14:07:06 CET		

CTI Users Table

Username	IP Address	Time Opened

Field	Contains
Switch	
Since	How long the switch has been up.
CTI Link	
Since	How long the CTI link has been up.
Messages to Switch	
Messages From Switch	
Number of Associations	

Column	Contains
Username	
IP Address	
Time Opened	

Button	Action
Restart Service	

How to Get to the CTI Maintenance Screen

Managed Objects > Maintenance & Monitoring > Telephony > CTI.

How to Exit the CTI Maintenance Screen

Click **Home** (in the menu bar) or another entry under **Managed Objects**.

Phone Message Files Management

This screen displays information about phone message files and allows downloading them.

Phone Messages Files Management

Download/Upload Phone Messages Files:

Filename	Size	TimeStamp	Language	Comment
Empty	table			

Download method: Start...

FTP

Remote filename (full path)

Username

Password

Server address

Column	Contains
Filename	Phone messages file name.
Size	Size of file in bytes.
TimeStamp	Date and time when file was last modified.
Language	User's preferred language.
Comment	

Field	Contains
Download Method	<ul style="list-style-type: none"> • FTP • SCP • File • USB

Field	Contains
Remote filename (full path)	
Username	User account name for downloading.
Password	User account password for downloading.
Server Address	Server URL or IP address.

Button	Action
Start	Begins the download of the specified file.

Voicemail & Auto Attendant Reports

Voicemail General Report

This screen displays the **Voicemail General Report**.

Voicemail General Report

Usage:			Current	Total	Mailboxes:			Voice	Fax	Total
Ports Used	0	0			Mailbox storage (KB)	76	0	76		
Accumulative Usage (CCS)	0	n/a			Auto Attendant:					
Outcalls:			Current	Max	Audio Files Usage (secs)	5				
Outcalls Queue Size	0	0			<input type="button" value="AA Usage Report"/> <input type="button" value="Clear AA Usage Report"/>					
Outcall Delay (secs)	n/a	0								
<input type="button" value="Hourly Usage Statistics"/>										

Field	Contains
Usage	
Ports Used	Current and total counts.
Accumulative Usage (CCS)	Accumulative CCS.
Outcalls	
Outcalls Queue Size	Current and maximum counts.
Outcall Delay (sec)	Total count.
Mailboxes	
Mailbox Storage (KB)	Voice, fax, and total counts.

Field	Contains
Auto Attendant	
Audio Files Usage (sec)	Count in seconds.

Button	Action
Hourly Usage Statistics	Displays Voicemail Hourly Statistics report.
AA Usage Report	Displays Auto Attendant Hourly Statistics report.
Clear AA Usage Report	Resets the Auto Attendant Hourly Statistics Report.

Voicemail Hourly Statistics Report



This screen displays the **Voicemail Hourly Statistics** report.

Voicemail Hourly Statistics						
Start Time	Usage	Max Port Usage	Dropped Sessions	Total Outcalls	Max Outcall Queue Size	
0	0	0	0	0	0	
1	0	0	0	0	0	
2	0	0	0	0	0	
3	0	0	0	0	0	
4	0	0	0	0	0	
5	0	0	0	0	0	
6	0	0	0	0	0	
7	0	0	0	0	0	
8	0	0	0	0	0	
9	0	0	0	0	0	
10	0	0	0	0	0	
11	0	0	0	0	0	
12	0	0	0	0	0	
13	0	0	0	0	0	
14	0	0	0	0	0	
15	0	0	0	0	0	
16	0	0	0	0	0	
17	0	0	0	0	0	
18	0	0	0	0	0	
19	0	0	0	0	0	
20	0	0	0	0	0	
21	0	0	0	0	0	
22	0	0	0	0	0	
23	0	0	0	0	0	

Column	Contains
Start Time	Starting hour (24 hour clock).
Usage	Usage in CCS.
Max Port Usage	Maximum number of ports in use at any time during measurement hour.
Dropped Sessions	Count of dropped sessions during measurement hour.
Total Outcalls	Count of outcalls during measurement hour.
Max Outcall Queue Size	Maximum outcall queue size during measurement hour.

Mailbox Usage Report

This screen displays the **Mailbox Usage Report**.

Mailbox Usage Report							
<input checked="" type="checkbox"/> Check All Active <input checked="" type="checkbox"/> Check All Zombie <input type="checkbox"/> Clear All  Reset Password  Remove Selected Zombies							
	Extension	Name	Message Usage	Used MB	Voice Messages	Fax Messages	Total Messages
<input type="checkbox"/>	270860288		0.00 %	-0.00 MB	273542072	273493168	547035240
<input type="checkbox"/>	202		0.09 %	0.01 MB	0	0	0
<input type="checkbox"/>	203		0.09 %	0.01 MB	0	0	0
<input type="checkbox"/>	205		0.09 %	0.01 MB	0	0	0
<input type="checkbox"/>	206		1.48 %	0.14 MB	6	0	6
<input type="checkbox"/>	207		0.09 %	0.01 MB	0	0	0
<input type="checkbox"/>	208		0.28 %	0.03 MB	0	0	0
<input type="checkbox"/>	200		0.30 %	0.03 MB	0	0	0
<input type="checkbox"/>	301	Auto Attendant 1	0.33 %	0.06 MB	1	0	1
<input type="checkbox"/>	302	Auto Attendant 2	0.04 %	0.01 MB	0	0	0
<input type="checkbox"/>	303	Auto Attendant 3	0.04 %	0.01 MB	0	0	0
<input type="checkbox"/>	304	Auto 4	0.04 %	0.01 MB	0	0	0
<input type="checkbox"/>	Multicast		n/a	0.00 MB	n/a	n/a	0
<input type="checkbox"/>	201	<zombie>	n/a	0.00 MB	n/a	n/a	0

Column	Contains
<select>	
Extension	Extension associated with mailbox.
Name	User name associated with mailbox.
Message Usage	
Used MB	Mailbox usage in megabytes.
Voice Messages	Count of voice messages.
Fax Messages	Count of fax messages.
Total Messages	Sum of voice and fax messages.

Button	Action
Check All Active	Checks <select> for all rows where the mailbox is active.
Check All Zombie	Checks <select> for all rows where the mailbox is a zombie. (
Clear All	Clears <select> for all rows.
Reset Password	Resets the mailbox password on each row with <select> checked.
Remove Selected Zombies	Removes zombie mailboxes in the rows with <select> checked.

Auto Attendant Hourly Statistics Report

This screen displays the **Auto Attendant Hourly Statistics** report.

Not Available.

System Language Files - Current Information Tab

This screen displays current information about the system language files.

The screenshot shows a web interface titled "System Language Files". It has two tabs: "Current Information" (selected) and "Download Process". Below the tabs is a table with the following data:

File Name	File Size	Timestamp	Description	Language	Version	Comment
vm_en_us_22_01.lng-A	8098000	R-2007-01-09,4	Voicemail File Bank A	<TBD>	22_01	---
vm_sp_mx_20_01.lng-B	31133904	R-2006-12-15,4	Voicemail File Bank B	<TBD>	20_01	May be incompatible with Server Blade Image. Language File upgrade recommended.

Column	Contains
Filename	System language file name.
File Size	File size in bytes.
Timestamp	Date and time when the file was last modified.
Description	Developer description of file.
Language	
Version	Version of file.
Comments	Developer comments.

System Language Files - Download Process Tab

This screen provides download of system language files.

Field	Contains
Destination Static Language	<ul style="list-style-type: none"> Static Language Bank A Static Language Bank B
Download Method	<ul style="list-style-type: none"> FTP SCP File USB
Remote filename (full path)	
Username	User account name for downloading.
Password	User account password for downloading.
Server Address	Server URL or IP address.

Button	Action
Start	Begins the download of the specified file.

Media Services

General

Media Services Status

This screen displays the status of the media gateway and each media module. There are test, reset, and other maintenance buttons for each entry.

Media Services Status

Media Gateway

Status	IP Address	DSP Channels In Use
Registered	172.31.96.40	0/16

Media Modules

Slot	Module	Type	HW Vintage	HW Suffix	Serial #	FW Version	Status
<input type="checkbox"/> 1	LSB	Server Blade	2	A	06IS27819533	L1.0.0_23.03-SP-1.2.0	OK
<input type="checkbox"/> 3	Integrated analog	Analog	1	A	N/A	N/A	OK
<input type="checkbox"/> 4	Integrated DS1	ISDN PRI	1	A	N/A	N/A	OK

Media Gateway

Column	Contains
Status	<ul style="list-style-type: none"> Registered Unregistered Unknown
IP Address	Media Gateway IP Address.
DSP Channels in Use	Count of DSP channels in use/available.

Button	Action
Refresh	Refreshes the display.
Reset Media Gateway	Resets the media gateway.

Button	Action
Reset Gateway Link	Resets the media gateway link.
Test Gateway	Tests the media gateway and link.

Media Modules

Column	Contains
<Select>	
Slot	
Module	
Type	
HW Vintage	
HW Suffix	
Serial #	
FW Version	
Status	

Button	Action
Check All	Checks <select> on all rows.
Clear All	Clears <select> on all rows.
Busyout Checked	Busy out all selected media modules.
Release Checked	Release all selected media modules.
Reset Checked	Reset all selected media modules.
Test Checked	Test all selected media modules.

How to Get to the Media Services Status Screen

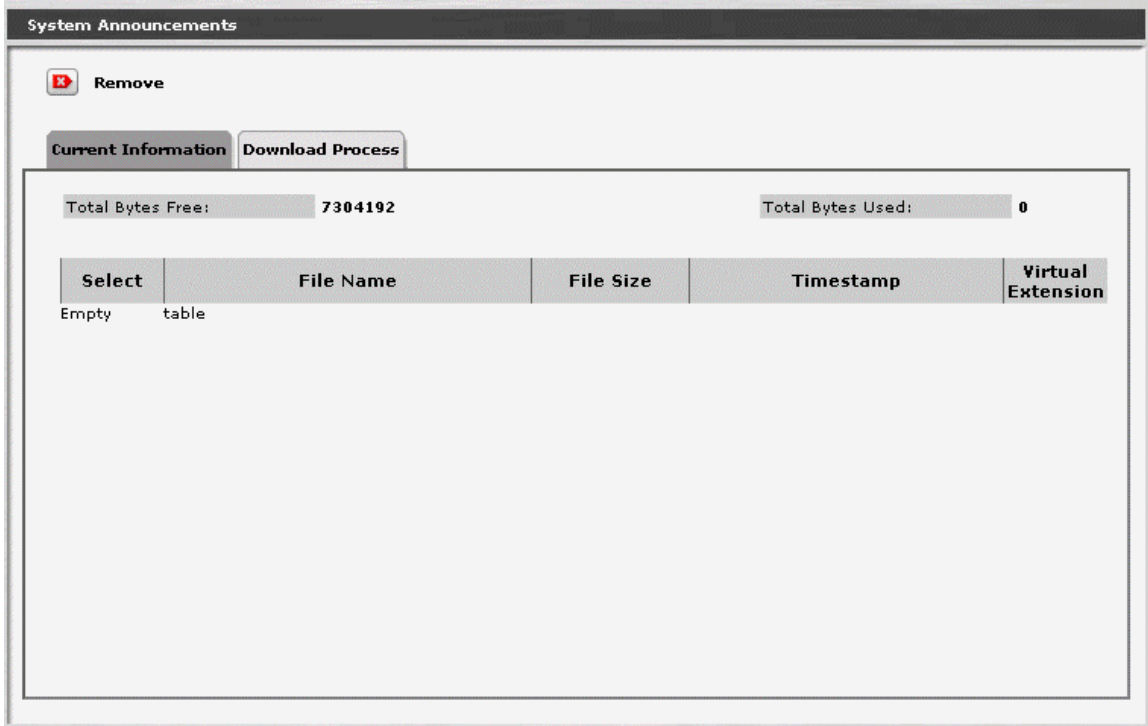
Managed Objects > Maintenance & Monitoring > Telephony > Media Services > General.

How to Monitor Media Services

System Announcements

System Announcements Current Information Tab

This screen provides current information about system announcements.



Field	Contains
Total Bytes Free	Remaining available bytes that can be used for system announcements.
Total Bytes Used	Number of bytes used for system announcements.

Column	Contains
Select	
Filename	Announcement file name.
File Size	File size in bytes.
Timestamp	Date and time when the file was last modified.
Virtual Extension	Extension that plays this announcement.

Button	Action
Remove	Removes all selected announcements.

System Announcements Download Process Tab

This screen allows download of system announcement files.

Field	Contains
Destination System Announcement	
Download Method	<ul style="list-style-type: none"> • FTP • SCP • File • USB
Remote filename (full path)	
Username	User account name for downloading.
Password	User account password for downloading.
Server Address	Server URL or IP address.

Button	Action
Start	Begins the download of the specified file.

Platform

Ethernet Switch

Ethernet Ports List Report

This screen displays the **Ethernet Ports** report.

Ports								
Name	Module/Port	Operative Status	PVID	Default Priority	Auto Neg.	Dup.	Spd.	Type
NO NAME	10/3	connected	1	0	enable	full	100M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/4	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/5	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/6	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/7	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/8	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/9	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"
NO NAME	10/10	no link	1	0	enable	half	10M	"Avaya Inc., i40-DS1 Media Gateway, 10/100BaseTx-PWR Port"

Column	Contains
Name	Ethernet port name.
Module / Port	Slot number and port where Ethernet interface located.
Operative Status	<ul style="list-style-type: none"> • Connected • No Link
PVID	
Default Priority	
Auto Neg.	Auto negotiation: <ul style="list-style-type: none"> • enable • disable

Column	Contains
Dup.	Duplex: <ul style="list-style-type: none">• half• full
Spd.	Speed <ul style="list-style-type: none">• 10M• 100M
Type	


How to Get to the Ethernet Ports List Report Screen

Managed Objects > Configuration > Maintenance & Monitoring > Platform > Ethernet Switch > Ports.

How to Monitor Ethernet Ports

Ethernet Statistics

This screen displays the **Ethernet Statistics** report.

Ethernet Statistics										
 Reset Counters										
Port	Status	Name	Rx Octets	Rx Unicast Frames	Rx Multicast Frames	Rx Broadcast Frames	Tx Octets	Tx Unicast Frames	Tx Multicast Frames	Tx Broadcast Frames
10/3	Down	"NO NAME"	250588688	382355	58701	1771012	68332951	418863	19108	1046
10/4	Down	"NO NAME"	0	0	0	0	0	0	0	0
10/5	Down	"NO NAME"	0	0	0	0	0	0	0	0
10/6	Down	"NO NAME"	0	0	0	0	0	0	0	0
10/7	Down	"NO NAME"	0	0	0	0	0	0	0	0
10/8	Down	"NO NAME"	0	0	0	0	0	0	0	0
10/9	Down	"NO NAME"	0	0	0	0	0	0	0	0
10/10	Down	"NO NAME"	0	0	0	0	0	0	0	0

Column	Contains
Port	
Status	
Name	Administered port name.
Rx Octets	Received bytes.
Rx Unicast Frames	Received unicast frames.
Rx Multicast Frames	Received multicast frames.
Rx Broadcast Frames	Received broadcast frames.
Tx Octets	Transmitted bytes.
Tx Unicast Frames	Transmitted unicast frames.

Column	Contains
Tx Multicast Frames	Transmitted multicast frames.
Tx Broadcast Frames	Transmitted broadcast frames.

Button	Action
Reset Counters	Resets all counters to zero.

Ethernet CAM Table Report

This screen displays the **Ethernet CAM Table** report.

The screenshot shows the 'CAM Table' interface with the following details:

- mac Aging:** 300
- vlan list:** All
- port list:** All
- showing 46 rows:**
- Table Data:**

Dest MAC	Destination Ports	VLAN
00 03 6B C3 81 00	10/3	1
00 04 0D 02 24 16	10/3	1
00 04 0D 02 42 67	10/3	1
00 04 0D 4A 2B 92	10/3	1
00 04 0D 6C F3 C0	10/3	1
00 04 0D 6D 31 9D	10/3	1
00 04 0D 6D 40 35	10/3	1
00 04 0D 6D 40 3D	10/3	1
00 04 0D 6D 56 F5	10/3	1
00 04 0D 6D 6F BD	10/3	1
00 04 0D 6E 8D DE	10/3	1
00 04 0D 6E 93 06	10/3	1
00 04 0D 6E 94 23	10/3	1
00 04 0D 6E 94 26	10/3	1
00 04 0D 6E 95 23	10/3	1
00 04 0D 6E 95 29	10/3	1
00 04 0D 6E 95 3A	10/3	1

Field	Contains
mac Aging	
vlan list	
Port list	

Column	Contains
Dest MAC	
Destination Ports	
VLAN	

Button	Action
Clear CAM	
Refresh	

Data Services

DHCP Server Bindings & Statistics Report

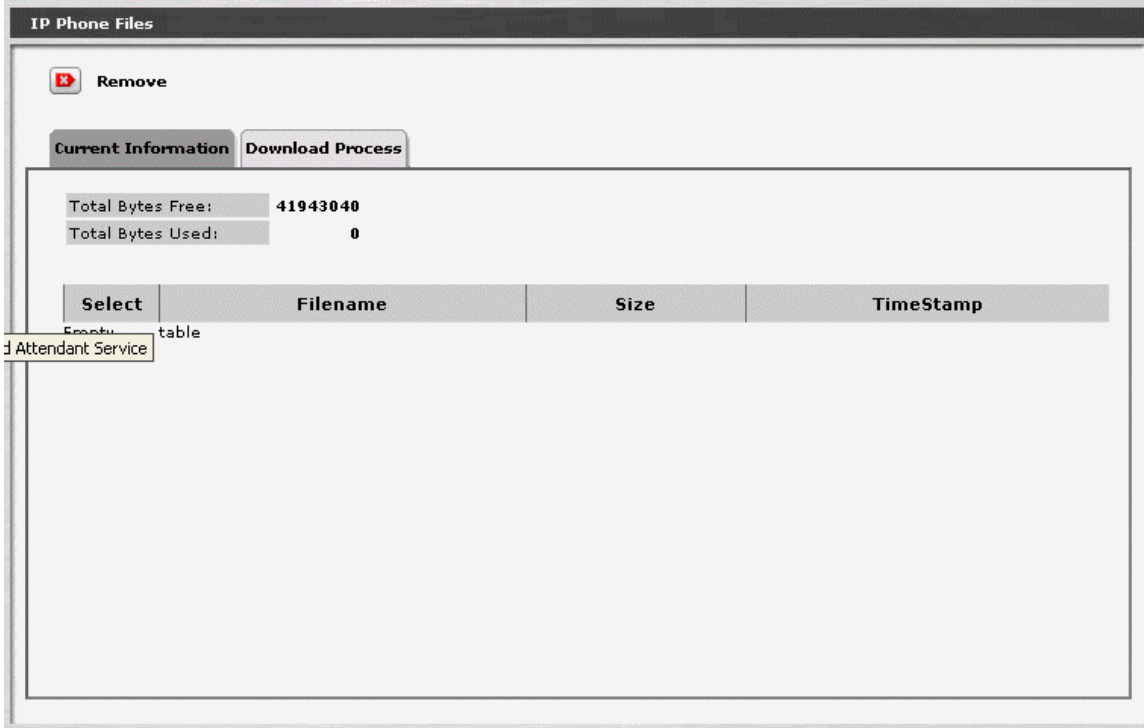
This screen displays the **DHCP Bindings & Statistics** report.

DHCP Server Bindings and Statistics	
There is currently no active binding.	
Counter	Value
-----	-----
BOOTP Requests	0
DHCP Discover	0
DHCP Requests	0
DHCP Declines	0
DHCP Releases	0
DHCP Informs	0
BOOTP Replies	0
DHCP Offers	0
DHCP Acks	0
DHCP Nacks	0

Column	Contains
Counter	Available counter names.
Value	Current value of the counter.

IP Phone Files - Current Information Tab

This screen displays current information about IP phone files.



Field	Contains
Total Bytes Free	
Total Bytes Used	

Column	Contains
Select	
Filename	IP phone file name.
Size	File size in bytes.
TimeStamp	Date and time when the file was last modified.

Button	Action
Remove	Removes the selected files.

IP Phone Files - Download Process Tab

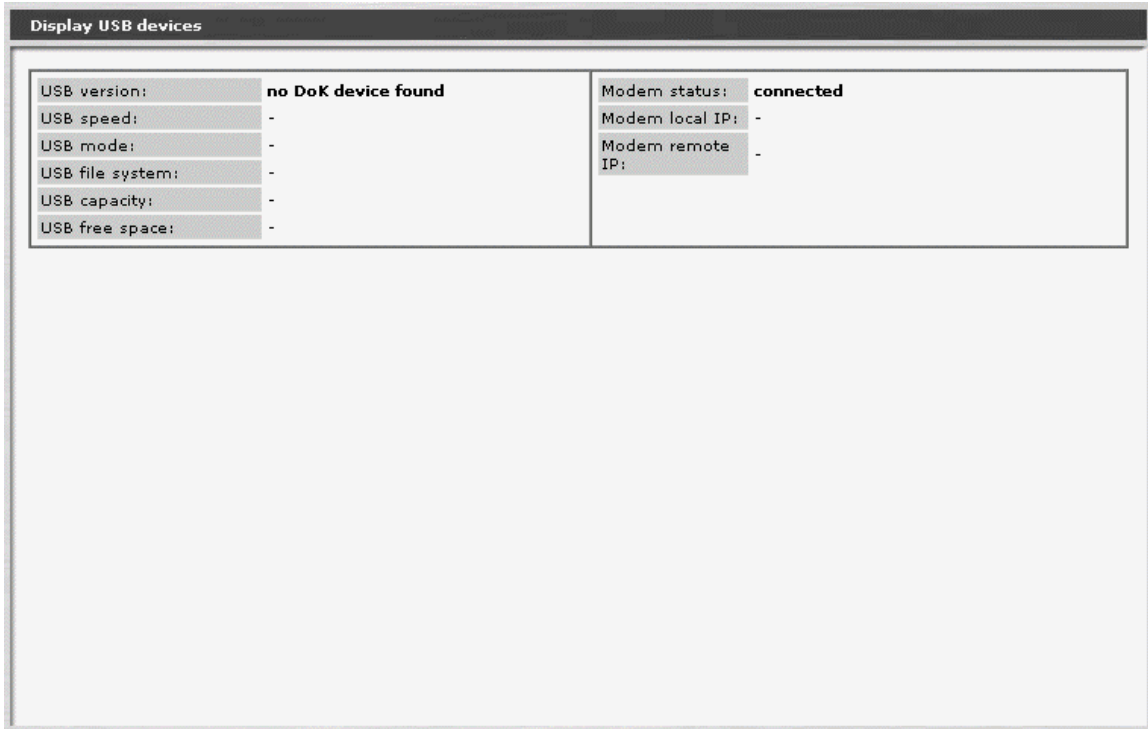
This screen allows download of IP phone files.

Field	Contains
Download Method	<ul style="list-style-type: none"> • FTP • SCP • File • USB
Remote filename (full path)	
Username	User account name for downloading.
Password	User account password for downloading.
Server Address	Server URL or IP address.

Button	Action
Start	Begins the download of the specified file.

Display USB Devices

This screen displays USB devices.



Field	Contains
USB version	
USB speed	
USB mode	
USB file system	
USB capacity	
USB free space	
Modem status	
Modem local IP	
Modem remote IP	

Security

Trusted Certificate List

This screen displays a list of trusted certificates and allows downloading of additional certificates.

Download Remove

	Common Name	Valid From	Valid To	Issued By
Empty	table			

Download method:

Remote filename (full path)

Username

Password

Server address

Column	Contains
<select>	
Common Name	Certificate name.
Valid From	Start date.
Valid To	End date.
Issued By	Certificate issuer.

Field	Contains
Download Method	<ul style="list-style-type: none"> • FTP • SCP • File • USB

Field	Contains
Remote filename (full path)	
Username	User account name for downloading.
Password	User account password for downloading.
Server Address	Server URL or IP address.

Button	Action
Download	Downloads the specified file.
Remove	Removes all selected files.

Server Certificate

Not available.

Authentication File

Not available.

Configuration Administration

Backup & Restore

Backup & Restore

This screen displays backup and restore status.

Backup & Restore Status

Backup Operation Status	Restore Operation Status
Operation Status : OK	Operation Status : OK
Error Description : No Error	Error Description : No Error
Filename : N/A	Missing Files : N/A
Method : N/A	Filename : N/A
Hostname : N/A	Method : N/A
	Hostname : N/A

New Backup/Restore

Column	Contains
Backup Operation Status	
Operation Status	
Error Description	
Filename	
Method	
Hostname	
Restore Operation Status	
Operation Status	
Error Description	

Column	Contains
Missing Files	
Filename	
Method	
Host Name	

Button	Action
New Backup/Restore	Opens the New Backup/Restore screen.

New Backup/Restore

Not Available.

Master Encryption Key

This screen sets the Master Key.

Field	Contains
New Master Key	Enter the new Master Key.
Confirm Master Key	Enter the new Master Key for confirmation.

Button	Action
Apply Changes	Saves the changes made so far. To discard changes since the last time you applied changes, leave the screen by clicking Home (in the menu bar) or another entry under Managed Objects .

Restore Factory Defaults

This screen allows the administrator to erase the telephony configuration and restore the factory defaults.

Field	Contains
Enter Your Password	Enter your user account password.
Function (radio buttons)	
Erase Configuration	
Erase Telephony Configuration	
NVRAM Init	

Button	Action
Go	Initiates the erase and reset action.

Installation Profile

Create Installation Profile

Not Available.

The screenshot shows a web-based form titled "Profile Creation - New Profile". At the top, there are two navigation buttons: "Prev" with a left-pointing arrow and "Next" with a right-pointing arrow. Below these are three input fields: "Profile Name" (a single-line text box), "Description" (a larger multi-line text box), and "Search Meta Tags" (a single-line text box). Underneath the "Description" field is the "Customization Wizard" section, which contains two radio buttons: "Factory Customization Wizard" (which is selected) and "User Customization Wizard". To the right of these radio buttons is an "Edit Wizard" button.

Create Installation Image - Image Backup Type

Not Available.

Image Creation - Set Image Backup Type

◀ Prev ▶ Next

Specify the Operation Type, Method and press Next

Operation

Backup

Restore

Method

USB

FTP

Remote filename (full path)

Username

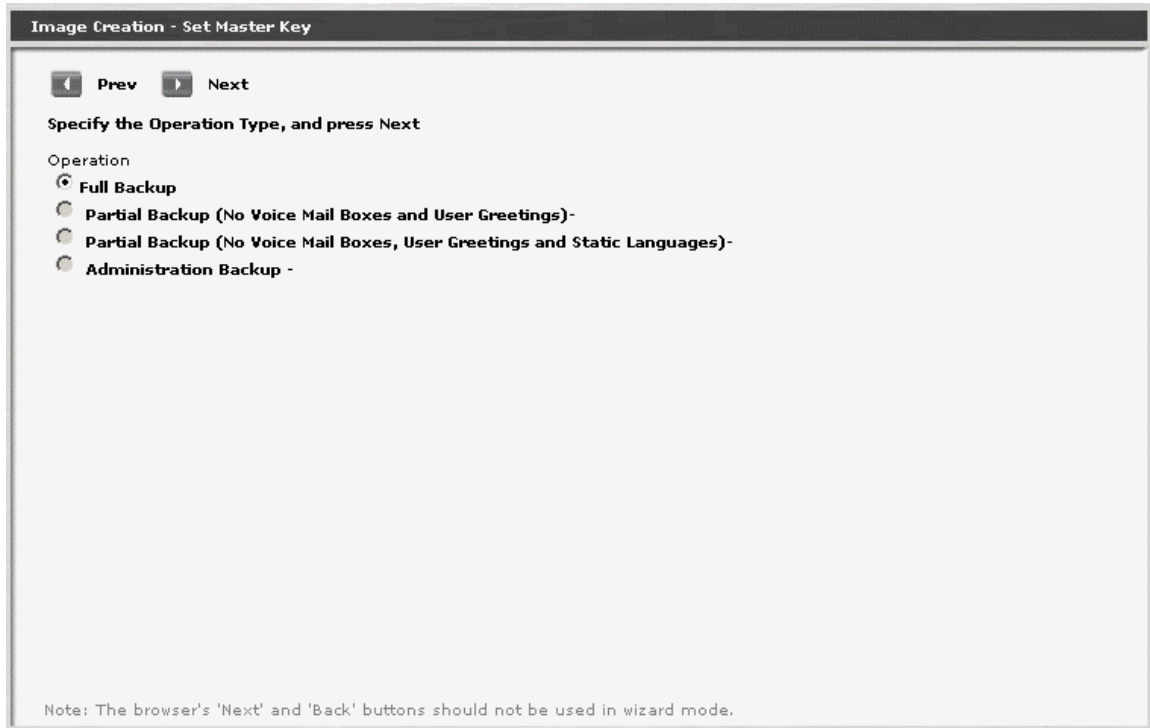
Password

Server address

Note: The browser's 'Next' and 'Back' buttons should not be used in wizard mode.

Create Installation Image Set Master Key

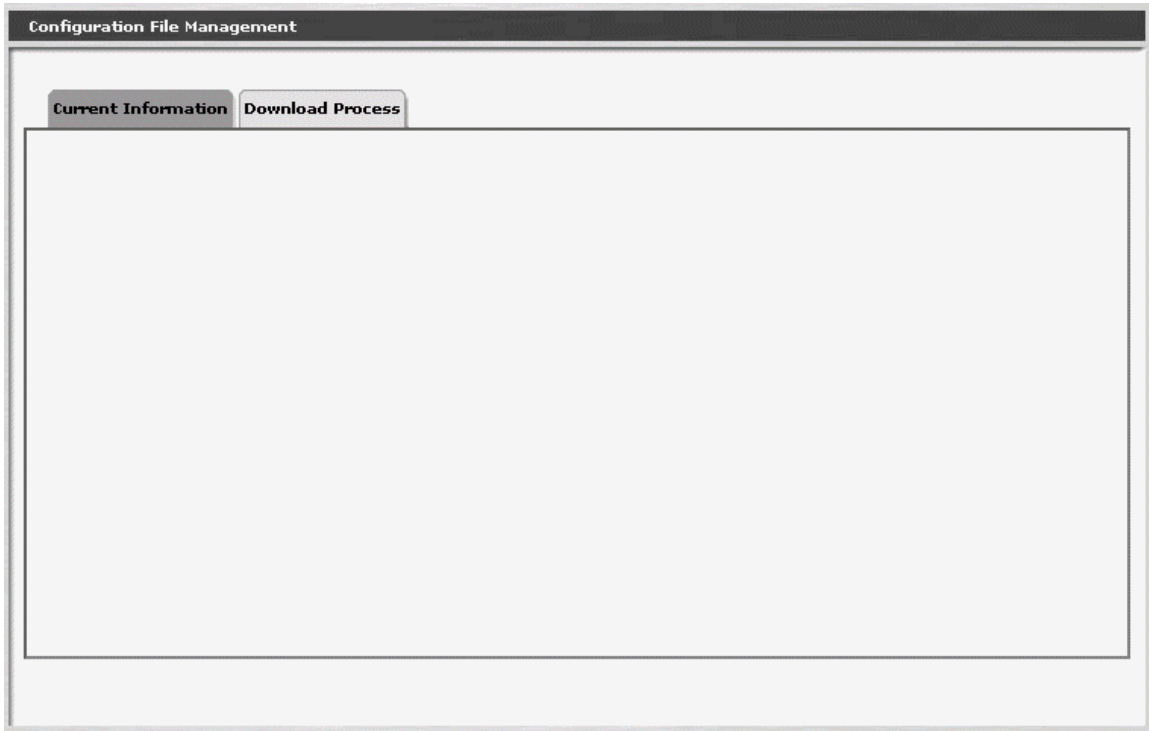
Not available.



Configuration File Management

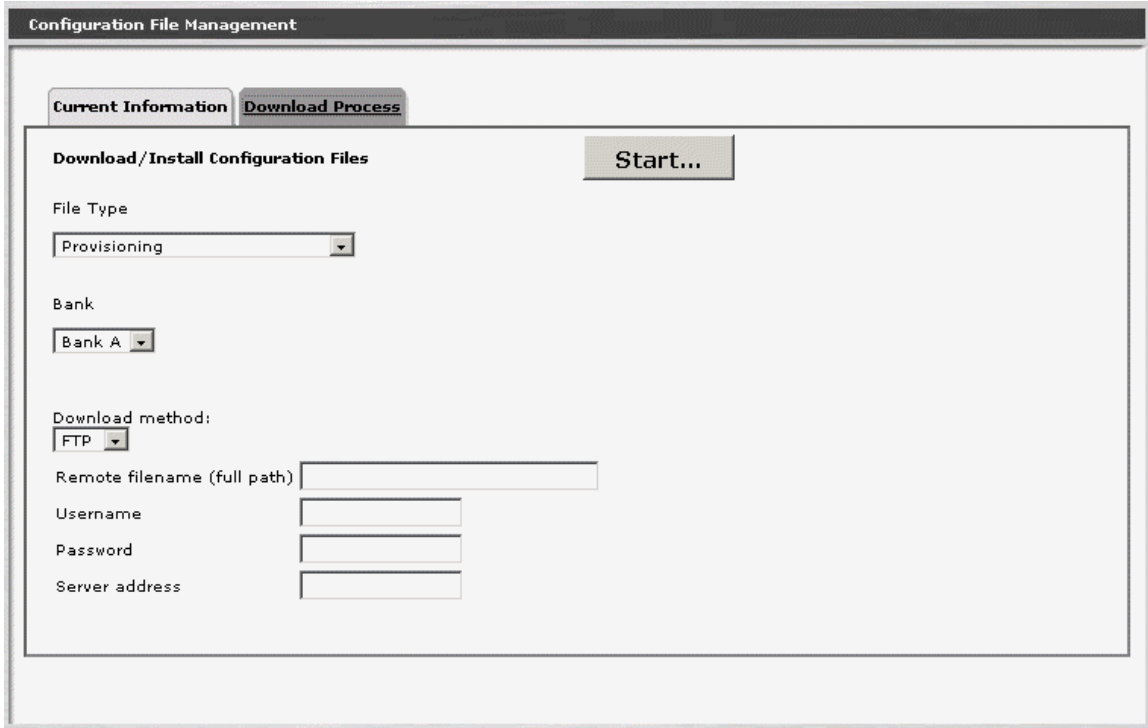
Config File Management - Current Information Tab

Not available.



Config File Management - Download Process Tab

This screen allows download of configuration files.



Field	Contains
File Type	<ul style="list-style-type: none"> Provisioning Voicemail LSS Configuration Wizard Task File
Bank	<ul style="list-style-type: none"> Bank A Bank B
Download Method	<ul style="list-style-type: none"> FTP SCP File USB
Remote filename (full path)	
Username	User account name for downloading.
Password	User account password for downloading.

Field	Contains
Server Address	Server URL or IP address.

Button	Action
Start	Begins the download of the specified file.

Firmware Management

Device Firmware Management - Firmware Information Tab

This screen displays current information about firmware.

Image	Bank	Status	Version	Size	TimeStamp	Is Lang. Pack Compatible
GW	A	Inactive	27.2.0	9200737		n/a
GW	B	Active	27.3.0	9214513		n/a
SB	A	Inactive	L1.0.0_23.03	113609006	R-2007-01-17,5	
SB	B	Active	L1.0.0_23.03	113609006	R-2007-01-17,6	
SP	A	Inactive	L1.0.0_23.03-SP-1.1.0	7534682	R-2007-01-17,6	n/a
SP	B	Active	L1.0.0_23.03-SP-1.2.0	7542874	R-2007-01-17,6	n/a

Column	Contains
Image	<ul style="list-style-type: none"> • SB • SP • GW
Bank	<ul style="list-style-type: none"> • A • B
Status	<ul style="list-style-type: none"> • Active • Inactive
Version	
Size	Size of file in bytes.
TimeStamp	Date and time when file was last modified.
Is Lang. Pack Compatible	

Device Firmware Management - Image Download Process Tab

This screen allows download of firmware image files.

The screenshot shows a web interface titled "Device Firmware Management". It has two tabs: "Firmware information" and "Image download process", with the latter being active. The main content area is titled "Download/Install Firmware Image:" and contains a "Start..." button. Below this, there are several form fields: "Image Type:" with a dropdown menu showing "SB"; "Download method:" with a dropdown menu showing "FTP"; "Remote filename (full path):" with a text input field; "Username:" with a text input field; "Password:" with a text input field; and "Server address:" with a text input field. To the right of these fields, the "Last Download Status:" is displayed as "Idle".

Field	Contains
Image Type	<ul style="list-style-type: none"> • SB • SP • GW
Last Download Status	<ul style="list-style-type: none"> •
Download Method	<ul style="list-style-type: none"> • FTP • SCP • File • USB
Remote filename (full path)	
Username	User account name for downloading.
Password	User account password for downloading.

Field	Contains
Server Address	Server URL or IP address.

Button	Action
Start	Begins the download of the specified file.

Reports

Reports

This screen provides access to system reports.

Reports

Get printable reports about your Avaya Distributed Office Local Manager. Click one of the links below.

<p>Basic Installation</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Installation Poster</td> <td>Trunks, Analog lines, IP addresses and Ethernet configuration.</td> </tr> <tr> <td>User Directory</td> <td>Users names, numbers and main attributes ordered by user name.</td> </tr> </table>	Installation Poster	Trunks, Analog lines, IP addresses and Ethernet configuration.	User Directory	Users names, numbers and main attributes ordered by user name.	<p>Advanced Administration</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Debug Report</td> <td>Download a tar.gz file containing logs and debug data.</td> </tr> </table>	Debug Report	Download a tar.gz file containing logs and debug data.
Installation Poster	Trunks, Analog lines, IP addresses and Ethernet configuration.						
User Directory	Users names, numbers and main attributes ordered by user name.						
Debug Report	Download a tar.gz file containing logs and debug data.						

Liverpool Branch Administration
UI Prototype
September 17, 2006

Link	Destination
Installation Poster	Poster showing trunks, analog lines, IP addresses, and Ethernet configuration.
User Directory	Printout of user names, extensions, and main attributes ordered by user name.
Debug Report	Downloads a tar-gz file containing logs and debug data.

Installation Poster

This screen displays a poster showing trunks, analog lines, IP addresses, and Ethernet configuration. Use the browser print button to print a copy.

Installation Poster

Analog Trunks

Module	Port
3	1

DS1 Trunks

Module	Port
4	1
4	2
4	3
4	4
4	5
4	6
4	7
4	8
4	9
4	10
4	11
4	12
4	13
4	14
4	15
4	16
4	17
4	18
4	22
4	23

IP Addresses

Host IP Address:	172.31.96.41
Media Gateway IP Address:	172.31.96.40
Subnet Mask:	255.255.0.0
Voice VLAN:	1

DHCP Server:	disabled
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Modem

Modem connected to USB port on AM110 in slot V1:

Dial-in:	enabled
Dial-out:	disabled

Analog Lines

Module	Port	Extension	User Name
* 3	2	200	200analog
3	3	207	207analog

* ETR line marked in red

Ethernet Ports

Module	Port	PoE Capability	VLAN
10	3	enable	1
10	4	enable	1
10	5	enable	1
10	6	enable	1
10	7	enable	1
10	8	enable	1
10	9	enable	1
10	10	enable	1

User Directory

This screen displays a list of user names, extensions, and main attributes ordered by user name. Use the browser print button to print a copy.

User Directory Report

User Name	Extension	Phone Type	Outside Number
200analog	200	6219	
201sage1603	201	1608-H323	
202spark	202	9620-SIP	
203spark	203	9620-SIP	
206	206	9630-SIP	
207analog	207	6219	
208sage1603	208	1603-H323	
225	225	9620-SIP	
Cisco205	205	Cisco7960-SIP	

The AVAYA logo is displayed in a large, bold, red, sans-serif font. The letters are closely spaced and have a slight shadow effect.

Distributed Office Local Manager