Avaya Local Branch Administration User Reference

FIRST DRAFT **12/11/2006**

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Miscellaneous

Important New Features

New Features in Release 4.0

Release 4.0 is the first release of Avaya Local Branch Administration.

Legal Notices

Copyright 2003-2007, Avaya Inc.

All Rights Reserved

Notice

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

Warranty

Avaya Inc. provides a limited warranty on this product. Refer to your sales agreement to establish the terms of the limited warranty. In addition, Avaya's standard warranty language as well as information regarding support for this product, while under warranty, is available through the following Web site: http://www.avaya.com/support.

Preventing Toll Fraud

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

Avaya Fraud Intervention

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

How to Get Help

For additional support telephone numbers, go to the Avaya support Web site: http://www.avaya.com/support. If you are:

- Within the United States, click the Escalation Management link. Then click the appropriate link for the type of support you need.
- Outside the United States, click the Escalation Management link. Then click the International Services link that includes telephone numbers for the international Centers of Excellence.

Providing Telecommunications Security

Telecommunications security (of voice, data, and/or video communications) is the prevention of any type of intrusion to (that is, either unauthorized or malicious access to or use of) your company's telecommunications equipment by some party.

Your company's "telecommunications equipment" includes both this Avaya product and any other voice/data/video equipment that could be accessed via this Avaya product (that is, "networked equipment").

An “outside party” is anyone who is not a corporate employee, agent, subcontractor, or is not working on your company's behalf. Whereas, a “malicious party” is anyone (including someone who may be otherwise authorized) who accesses your telecommunications equipment with either malicious or mischievous intent.

Such intrusions may be either to/through synchronous (time-multiplexed and/or circuit-based) or asynchronous (character-, message-, or packet-based) equipment or interfaces for reasons of:

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

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

Responsibility for Your Company’s Telecommunications Security

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

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

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

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

TCP/IP Facilities

Customers may experience differences in product performance, reliability and security depending upon network configurations/design and topologies, even when the product performs as warranted.

Standards Compliance

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

Product Safety Standards

This product complies with and conforms to the following international Product Safety standards as applicable:

- Safety of Information Technology Equipment, IEC 60950, 3rd Edition including all relevant national deviations as listed in Compliance with IEC for Electrical Equipment (IECEE) CB-96A.
- Safety of Information Technology Equipment, CAN/CSA-C22.2 No. 60950-00 / UL 60950, 3rd Edition
- Safety Requirements for Customer Equipment, ACA Technical Standard (TS) 001 - 1997
- One or more of the following Mexican national standards, as applicable: NOM 001 SCFI 1993, NOM SCFI 016 1993, NOM 019 SCFI 1998

The equipment described in this document may contain Class 1 LASER Device(s). These devices comply with the following standards:

- EN 60825-1, Edition 1.1, 1998-01
- 21 CFR 1040.10 and CFR 1040.11.

The LASER devices operate within the following parameters:

- Maximum power output: -5 dBm to -8 dBm
- Center Wavelength: 1310 nm to 1360 nm

Luokan 1 Laserlaite

Klass 1 Laser Apparat

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposures. Contact your Avaya representative for more laser product information.

Electromagnetic Compatibility (EMC) Standards

This product complies with and conforms to the following international EMC standards and all relevant national deviations:

Limits and Methods of Measurement of Radio Interference of Information Technology Equipment, CISPR 22:1997 and EN55022:1998.

Information Technology Equipment – Immunity Characteristics – Limits and Methods of Measurement, CISPR 24:1997 and EN55024:1998, including:

- Electrostatic Discharge (ESD) IEC 61000-4-2
- Radiated Immunity IEC 61000-4-3
- Electrical Fast Transient IEC 61000-4-4
- Lightning Effects IEC 61000-4-5
- Conducted Immunity IEC 61000-4-6
- Mains Frequency Magnetic Field IEC 61000-4-8
- Voltage Dips and Variations IEC 61000-4-11
- Powerline Harmonics IEC 61000-3-2
- Voltage Fluctuations and Flicker IEC 61000-3-3

Federal Communications Commission Statement

Part 15:

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

Part 68: Answer-Supervision Signaling

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

- answered by the called station,
- answered by the attendant, or
- routed to a recorded announcement that can be administered by the customer premises equipment (CPE) user.

This equipment returns answer-supervision signals on all direct inward dialed (DID) calls forwarded back to the public switched telephone network. Permissible exceptions are:

- A call is unanswered.
- A busy tone is received.
- A reorder tone is received.

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

REN Number

For MCC1, SCC1, CMC1, G600, and G650 Media Gateways:

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

For G350 and G700 Media Gateways:

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the rear of this equipment is a label that contains, among other information, a product identifier in the format US:AAAEQ##TXXXX. The digits represented by ## are the ringer equivalence number (REN) without a decimal point (for example, 03 is a REN of 0.3). If requested, this number must be provided to the telephone company.

For all media gateways:

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

REN is not required for some types of analog or digital facilities.

Means of Connection

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

For MCC1, SCC1, CMC1, G600, and G650 Media Gateways:

Manufacturer's Port Identifier	FIC Code	SOC/REN/ A.S. Code	Network Jacks
Off premises station	OL13C	9.0F	RJ2GX, RJ21X, RJ11C
DID trunk	02RV2-T	0.0B	RJ2GX, RJ21X
CO trunk	02GS2	0.3A	RJ21X
	02LS2	0.3A	RJ21X
Tie trunk	TL31M	9.0F	RJ2GX
Basic Rate Interface	02IS5	6.0F, 6.0Y	RJ49C

1.544 digital interface	04DU9-BN	6.0F	RJ48C, RJ48M
	04DU9-IKN	6.0F	RJ48C, RJ48M
	04DU9-ISN	6.0F	RJ48C, RJ48M
120A4 channel service unit	04DU9-DN	6.0Y	RJ48C

For G350 and G700 Media Gateways:

Manufacturer's Port Identifier	FIC Code	SOC/REN/ A.S. Code	Network Jacks
Ground Start CO trunk	02GS2	1.0A	RJ11C
DID trunk	02RV2-T	AS.0	RJ11C
Loop Start CO trunk	02LS2	0.5A	RJ11C
1.544 digital interface	04DU9-BN	6.0Y	RJ48C
	04DU9-DN	6.0Y	RJ48C
	04DU9-IKN	6.0Y	RJ48C
	04DU9-ISN	6.0Y	RJ48C
Basic Rate Interface	02IS5	6.0F	RJ49C

For all media gateways:

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

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

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

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. It is recommended that repairs be performed by Avaya certified technicians.

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

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

Canadian Department of Communications (DOC) Interference Information

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

This equipment meets the applicable Industry Canada Terminal Equipment Technical Specifications. This is confirmed by the registration number. The abbreviation, IC, before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Declarations of Conformity

United States FCC Part 68 Supplier's Declaration of Conformity (SDoC)

Avaya Inc. in the United States of America hereby certifies that the equipment described in this document and bearing a TIA TSB-168 label identification number complies with the FCC's Rules and Regulations 47 CFR Part 68, and the Administrative Council on Terminal Attachments (ACTA) adopted technical criteria.

Avaya further asserts that Avaya handset-equipped terminal equipment described in this document complies with Paragraph 68.316 of the FCC Rules and Regulations defining Hearing Aid Compatibility and is deemed compatible with hearing aids.

Copies of SDoCs signed by the Responsible Party in the U. S. can be obtained by contacting your local sales representative and are available on the following Web site: ttp://www.avaya.com/support.

All Avaya media servers and media gateways are compliant with FCC Part 68, but many have been registered with the FCC before the SDoC process was available. A list of all Avaya registered products may be found at: http://www.part68.org/ by conducting a search using "Avaya" as manufacturer.

European Union Declarations of Conformity

CE

Avaya Inc. declares that the equipment specified in this document bearing the "CE" (Conformité Europeénne) mark conforms to the European Union Radio and Telecommunications Terminal Equipment Directive (1999/5/EC), including the Electromagnetic Compatibility Directive (89/336/EEC) and Low Voltage Directive (73/23/EEC). This equipment has been certified to meet CTR3 Basic Rate Interface (BRI) and CTR4 Primary Rate Interface (PRI) and subsets thereof in CTR12 and CTR13, as applicable.

Copies of these Declarations of Conformity (DoCs) can be obtained by contacting your local sales representative and are available on the following Web site: http://www.avaya.com/support.

Japan

This is a Class A product based on the standard of the Voluntary Control Council for Interference by Information Technology Equipment (VCCI). If this equipment is used in a domestic environment, radio disturbance may occur, in which case, the user may be required to take corrective actions.

この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラスＡ情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

Document Copies

To order copies of this and other documents:

Call: Avaya Publications Center
Voice 1.800.457.1235 or 1.207.866.6701
FAX 1.800.457.1764 or 1.207.626.7269

Write: Globalware Solutions
200 Ward Hill Avenue
Haverhill, MA 01835 USA
Attention: Avaya Account Management

E-mail: totalware@gwsmail.com

For the most current versions of documentation, go to the Avaya support Web site: http://www.avaya.com/support.

Trademarks

AUDIX, CONVERSANT, DEFINITY, and INTUITY, are trademarks or registered trademarks of Avaya, Inc.

All other trademarks or registration marks mentioned in this help system are property of their respective owners.

Help System

What Action This Help System Cover?

Avaya Local Branch Administration's online help is designed to help you use Local Branch Administration day-to-day.

The accompanying printed documentation provides two functions:

- It is a self-paced training guide for persons interested in increasing their understanding of the system.
- It contains a complete set of on-line help topics.

For additional information about the following subjects, please see separate documentation:

- Installing, upgrading, configuring, or removing <subject>

  Please refer to <subject> installation documentation.

- Your operating system

  Please refer to the documentation provided with your operating system.

How To Use Online Help

What Do You Want To Do?

- View the table of contents
- View the index
- Search the help system
- Change the font size
- Print a help topic
- Exit help
- Functions not supported
- What I want to do isn't listed here

Common Help Problems

- Hyperlink does not work:

  All hyperlinks should work. Please send us feedback about any broken links and we will fix them in the next release of the product. Include the name of the help topic!

- No index entry for what I am looking for:

  Please send us feedback.

- Search feature finds no entries for what I am looking for:

  Please send us feedback.

View the online help Table of Contents (top)

The Table of Contents provides topics organized for easy access.

1. Click the Table of

button.
2. To open a book, click on it.
3. To view a help topic, click on it.

View the online help Index (top)

The Index provides topics organized alphabetically by keywords assigned by the author of the help system.

1. Click the

button.

2. Either:
    - Type the word you are looking for and press **Enter**, or
    - Scroll down to the index entry you want.
3. Click the help topic you want to view.

Search the online help system (top)

The Search feature provides a full text search.

1. Click the

button.
2. Type the word you are looking for and press **Enter**.
3. Click any of the topics that appear in the list.

note:

You can also use the general

box near the top right corner of the screen to search. The effect is to automatically click the **Search** button, copy the contents of the search box to the input field, and find a list of topics that contain it.

Change the Help Font Size (top)

Font size is the size of characters in the online help. The Fault and Performance Manager help system does not allow you to change the type size displayed. However, if you find the type size to be a problem, send us your feedback! We take your comments into account each time we update the help system.

Print a Help Topic (top)

- To print a help topic, display the help topic (as described above) and then click the browser button.
- To set up your printer, click the browser button.

Exit Help (top)

- To exit the online help, click the "X" at the top right corner of the help window.

Functions Not Supported (top)

- Print all help topics (See Printed Documentation.)
- Add my own notes to a help topic
- Bookmark a topic

- Make the help system stay on top of the application
- Change the size of the typeface within help topics

What I Want to do isn't Listed Here (top)

As the authors of this online help system, we have made every effort to anticipate your questions and information needs. However, in this instance, we obviously missed!

You can help us improve this online help system by telling us more about the situation you are in and the precise information you were looking for. Feel free to send us suggested text for a new link! Or a suggestion for a new topic! Or just tell us what you were looking for.

We keep a record of all the customer comments that we receive. With each new release, we go through the list and implement fixes for as many of the comments as we can.

You can put your suggestion on our list by contacting us at the email address listed in the topic, Giving Us Your Feedback. Thanks in advance for your comments and suggestions!

Contacting Us

Before You Call

Before you call, please have the following information available:

- your name and number (in case we need to call you back)
- your installation location (IL) number
- your company's main phone number
- the type of voice system
- the version of Fault and Performance Manager/Proxy Agent you are using
- the name of a person at your location who can help execute troubleshooting activities
- whether or not you have set up remote access on the Fault and Performance Manager/Proxy Agent server, and what the access information is to remotely access that computer

Remember, if the problem is with equipment or service outside of your own equipment, you need to call your vendor or service provider. If you determine that the problem is with your own equipment, such as on your own stations, switch, or trunks, give Avaya a call.

Be ready to talk about:

- the problem you want to solve
- a log of the steps you took and the information you gathered while performing your diagnosis of the problem
- if the problem is with a new component or feature
- if something that used to work now does not work
- any numbers involved with the problem (for example, extensions or phone numbers, trunk group numbers, phone types, or report types)
- the contents of any recorded messages received
- error messages from the switch
- type of ringback tones received on phones
- the names and numbers of your vendors
- any other pertinent information

General Contact Information

For…	Contact…
Avaya's Home Page	www.avaya.com
Avaya products	www.avaya.com Then click Solutions, Products, & Services.
Online product catalog	www.avaya.com Then click How to Buy.
Security products and services	www.avaya.com Then click Solutions, Products, & Services. Then click VPN and Security.
International Alliance of Avaya Users (InAAU)	www.inaau.org

Technical Support

Before you call, prepare the information that the helpline needs.

For customers located in the US:

For help with…	Contact this resource:	Contact Information
Fault and Performance Manager	Avaya's Technical Services Organization	1 800 242 2121, ext 4-1080 or 720 444 1080
Communication Manager software features and administration	Avaya's Communication Manager Helpline	1 800 225 7585
Communication Manager maintenance and repair	Avaya's Technical Services Organization	1 800 242 2121
Messaging systems	Avaya Technical Services Organization	1 800 242 2121
Toll fraud	Avaya's Technical Services Organization (Toll Fraud Helpline)	1 800 643 2353
Web-based technical support	Avaya's Customer Support web site	www.avaya.com Then click Support. Then click Online Services.

For customers located outside the US:

Contact your local distributor or Avaya representative.

Giving Us Your Feedback

To…		Contact…
Offer comments on the online help	by e-mail	document@avaya.com Subject line: FPM Help Topic "<Name of topic>" feedback. Do **NOT** send product support questions or product enhancement requests to this e-mail address.
	by fax	+ 1 732 852 2469 Attention: FPM Documentation
	by mail	FPM Documentation Team Room 3C-313 307 Middletown Lincroft Road Lincroft, NJ 07738-1526 USA
Share information with other Avaya users	over the web	www.inaau.org

Contacting Us for Documentation

To	Use this resource	Contact Information
View documentation published after December 1, 1999	Recent Documents	www.avaya.com Then click Support. Then click Product Documentation.
Order documentation by mail	Avaya Publications Center	Globalware Solutions 148 Ward Hill Avenue Haverhill, MA 01835 USA
Order documentation by phone or fax	Avaya Publications Center	1 800 457 1235 (phone) 1 800 457 1764 (fax) If you cannot dial US 1-800 numbers, then dial: +1 410 568 3680 (phone) +1 410 891 0207 (fax)

Contacting Us About Training

For customers located in the US:

To	Use this resource	Contact Information
Search an online catalog of classes, videotapes, and computer-based training	Avaya training web site	www.avaya.com Then click Training.
Register for classes	Avaya University Registration Center	1 800 255 8988

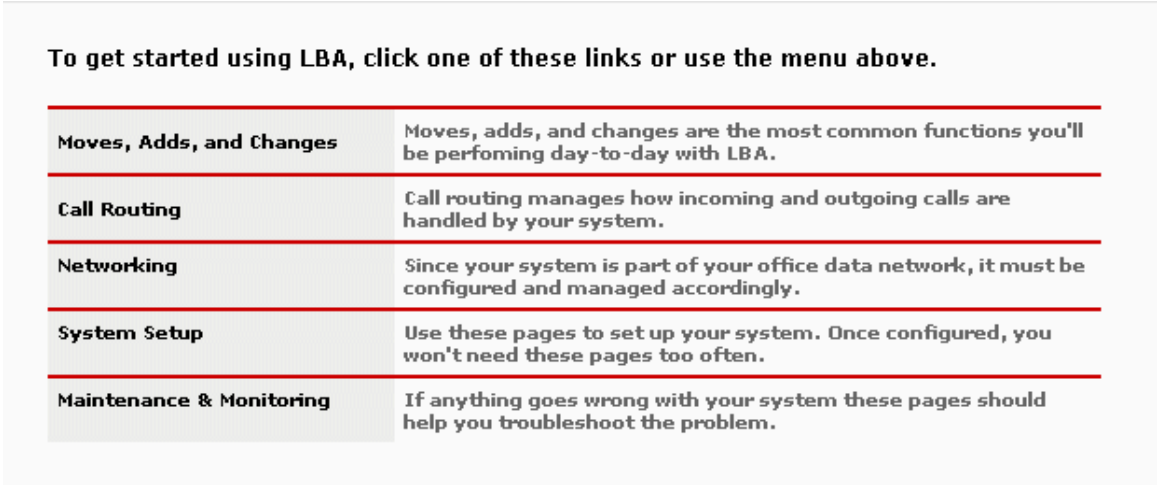
For customers located outside the US:

Contact your local distributor or Avaya representative.

Menu Structure

Main Menu

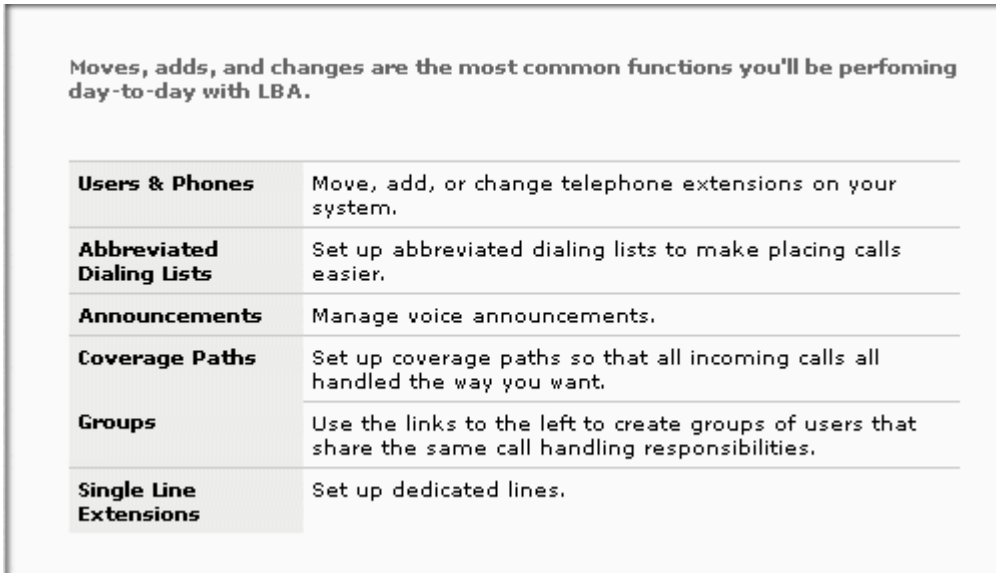
The system starts with the main menu displayed. The entries on the main menu correspond to the selections on the Menu bar.



Link	Usage
Moves, Adds, and Changes	Moves, adds, and changes are the most common functions you will need to perform on a day-to-day basis.
Call Routing	Call routing manages how incoming and outgoing calls are handled by your system.
Networking	Your system is part of your office data network; it must be configured and managed accordingly.
System Setup	Use these pages to set up your system. Once your system is configured, you will need these pages only infrequently.
Maintenance & Monitoring	These pages are useful for proactive monitoring and reactive troubleshooting.

Moves, Adds, and Changes Menu

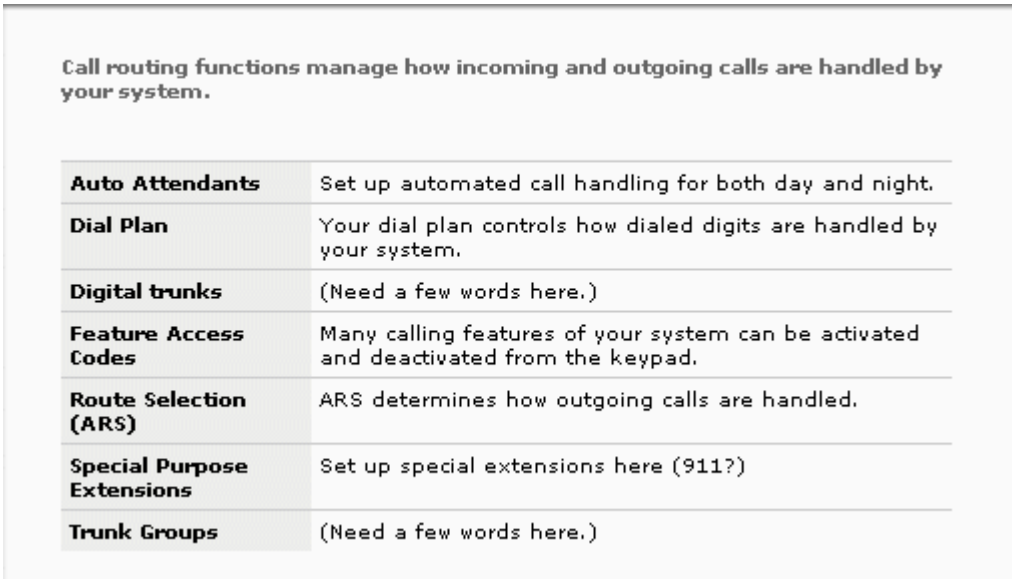
After initial setup, most activity consists of moves, adds, and changes.



Link	Usage
Users & Phones	Move, add, or change telephone extensions on your system.
Abbreviated Dialing Lists	Set up abbreviated dialing lists to make placing calls easier.
Announcements	Manage voice announcements
Coverage Paths	Set up coverage paths so that all incoming calls are handled the way you want.
Groups	Use the links in the Managed Objects pane (left side of screen or in see also list below) to create groups of users that share the same call-handling responsibilities.
Single Line Extensions	Set up dedicated lines.

Call Routing Menu

Call routing manages how incoming and outgoing calls are handled by your system.



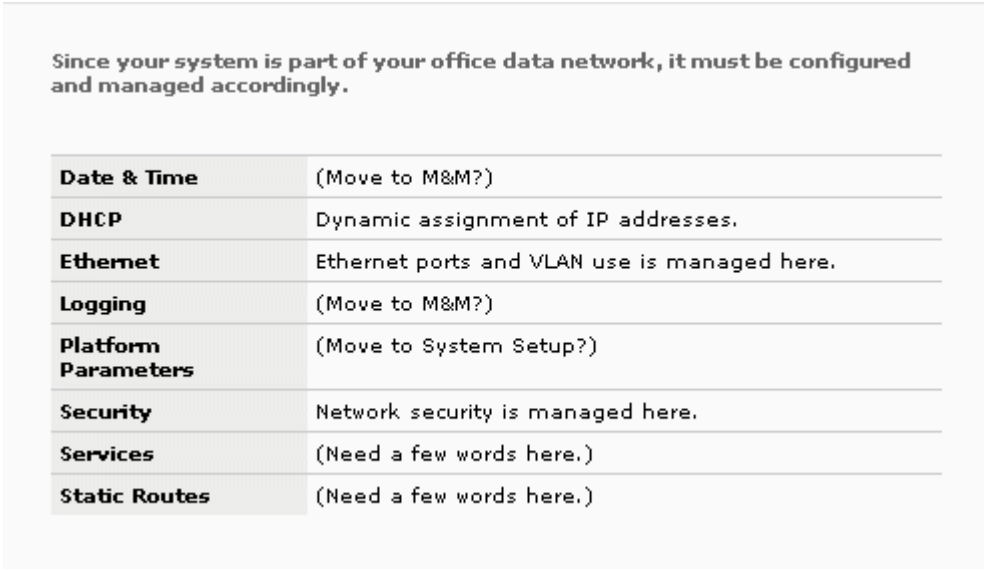
Call routing functions manage how incoming and outgoing calls are handled by your system.

Auto Attendants	Set up automated call handling for both day and night.
Dial Plan	Your dial plan controls how dialed digits are handled by your system.
Digital trunks	(Need a few words here.)
Feature Access Codes	Many calling features of your system can be activated and deactivated from the keypad.
Route Selection (ARS)	ARS determines how outgoing calls are handled.
Special Purpose Extensions	Set up special extensions here (911?)
Trunk Groups	(Need a few words here.)

Link	Usage
Auto Attendants	Set up automated call handling for both day and night.
Dial Plan	Your dial plan controls how dialed digits are handled by your system.
Digital Trunks	TBA.
Feature Access Codes	Many calling features of your system can be activated and deactivated from the keypad.
Route Selection (ARS)	ARS determines how outgoing calls are handled.
Special Purpose Extensions	Set up special extensions here.
Trunk Groups	TBA.

Networking Menu

Your system is part of your office data network; it must be configured and managed accordingly.



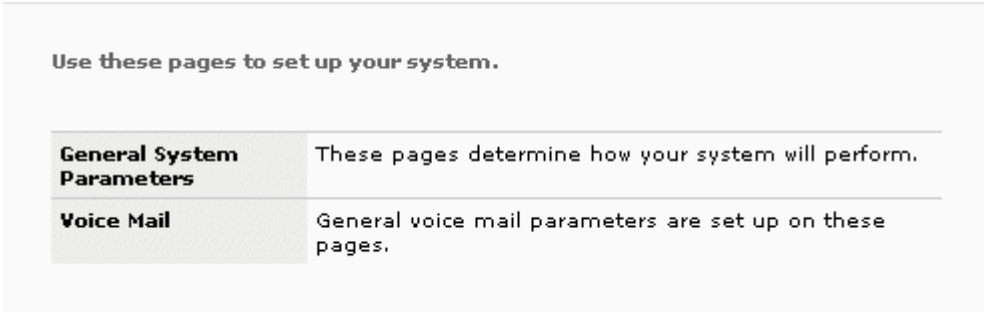
Since your system is part of your office data network, it must be configured and managed accordingly.

Date & Time	(Move to M&M?)
DHCP	Dynamic assignment of IP addresses.
Ethernet	Ethernet ports and VLAN use is managed here.
Logging	(Move to M&M?)
Platform Parameters	(Move to System Setup?)
Security	Network security is managed here.
Services	(Need a few words here.)
Static Routes	(Need a few words here.)

Link	Usage
Date & Time	Set system date and time.
DHCP	Set up dynamic assignment of IP addresses.
Ethernet	Manage Ethernet ports and VLAN.
Logging	Manage logging.
Platform Parameters	Set up platform parameters.
Security	Manage network security.
Services	Manage network services.
Static Routes	

Setup Menu

Use these pages to set up your system. Once your system is configured, you will need these pages only infrequently.



Link	Usage
General System Parameters	General parameters determine how your system performs.
Voice Mail	General voice mail parameters.

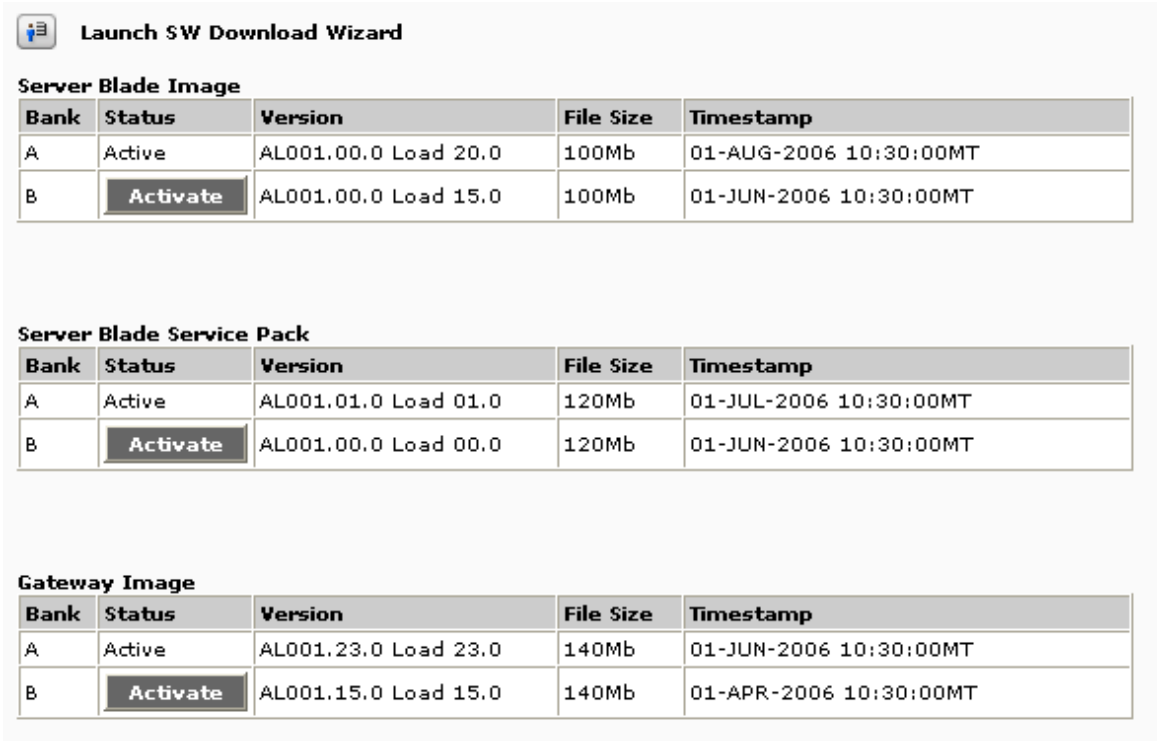
Maintenance and Monitoring Menu

These pages are useful for proactive monitoring and reactive troubleshooting.

Link	Usage
System Summary	This single page gives you a snapshot of your entire system.
Alarms	Monitor system alarms.
Inventory	Display system inventory.
Monitor	Monitor network connectivity.
Utilities	Software management, backup, etc.

Software Management Menu

This screen displays the available firmware downloads. The available files are sorted by type:



Launch SW Download Wizard

Server Blade Image

Bank	Status	Version	File Size	Timestamp
A	Active	AL001.00.0 Load 20.0	100Mb	01-AUG-2006 10:30:00MT
B	Activate	AL001.00.0 Load 15.0	100Mb	01-JUN-2006 10:30:00MT

Server Blade Service Pack

Bank	Status	Version	File Size	Timestamp
A	Active	AL001.01.0 Load 01.0	120Mb	01-JUL-2006 10:30:00MT
B	Activate	AL001.00.0 Load 00.0	120Mb	01-JUN-2006 10:30:00MT

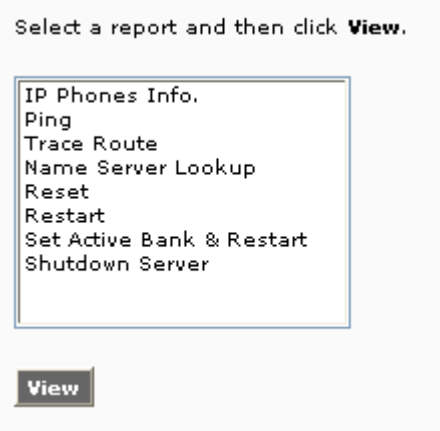
Gateway Image

Bank	Status	Version	File Size	Timestamp
A	Active	AL001.23.0 Load 23.0	140Mb	01-JUN-2006 10:30:00MT
B	Activate	AL001.15.0 Load 15.0	140Mb	01-APR-2006 10:30:00MT

Column	Contains
Bank	
Status	"Active", "Non Active".
Version	Version or release number.
File Size	File size.
Timestamp	File system last modified date and time.

System Utilities Menu

This menu allows selection of system utilities.

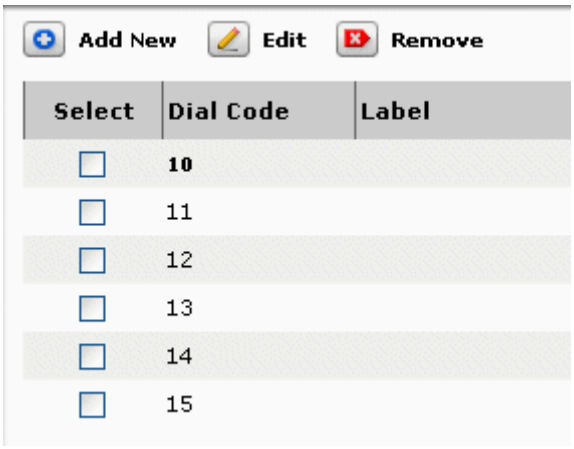


Utility	Action
IP Phones Info.	Obtains information about specific IP phones.
Ping	Checks connectivity to an IP address.
Trace Route	Traces the route between two IP endpoints.
Name Server Lookup	Looks up the Name Server.
Reset	Resets the system.
Restart	Restarts (reboots) the system.
Set Active Bank & Restart	Selects the active bank (A or B) and restarts the system.
Shutdown Server	Shuts down the server.

Managed Objects

Abbreviated Dialing

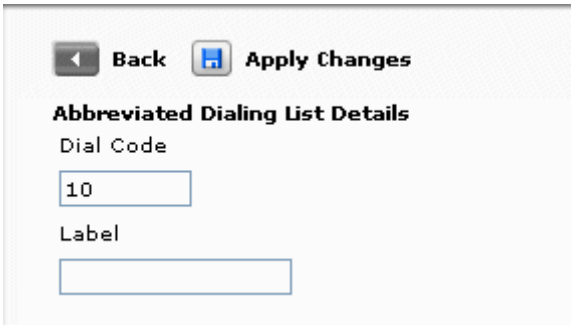
Abbreviated Dialing Lists



Column	Contains
Select	Check multiple abbreviated dialing entries to **Remove** at the same time.
Dial Code	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: • 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.
Label	The label for the system-wide Abbreviated Dial buttons on the telephone sets. Fifteen characters maximum.

Button	Action
Add New	Opens a pre-populated Abbreviated Dialing List Detail screen for additional editing.
Edit	Opens an Abbreviated Dialing List Detail screen for the selected announcement.
Remove	Deletes (with confirmation) all selected Abbreviated Dialing Lists.

Abbreviated Dialing List Details



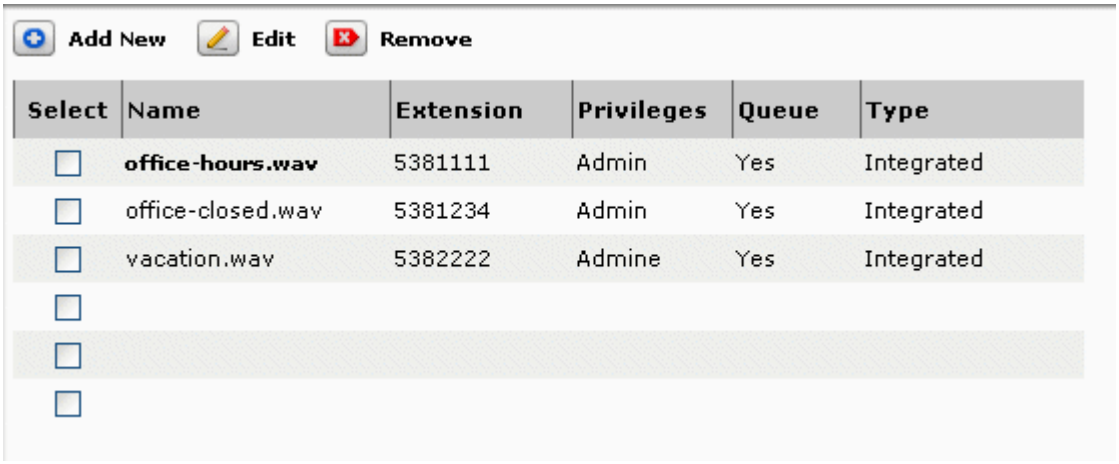
Field	Contains
Dial Code	The number the administrator want the system to dial when users enter this dial code. Up to 24 characters. The dial code may contain the following: • Digits 0 to 9 • * (star) Part of FAC • # (pound) Part of FAC • ~p Pause 1.5 seconds • ~w Wait for dial tone • ~m Change to out-pulse 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.
Label	The label for the system-wide Abbreviated Dial buttons on the telephone sets. May contain the following characters: A-Z, a-z, 0-9, and ! & * ? ; ' ^ ( ) , : Fifteen characters maximum.

Button	Action
Back	Returns to the Abbreviated Dialing Lists screen without saving any changes.
Apply Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

Announcements

Announcements List

This screen displays a list of all administered announcements:



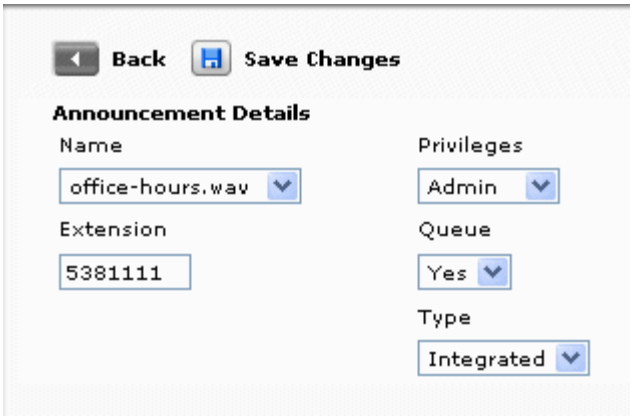
Column	Contains
Select	Check multiple announcements to **Remove** at the same time.
Name	Symbolic name describing the announcement message. Up to 27-character alpha-numeric filename.
Extension	Extension that delivers this announcement. The following screens can reference this extension: Hunt Group, Coverage Path, Trunk Group (Incoming Destination), Feature-Related System Parameters (DID/Tie/ISDN Intercept Treatment, Controlled Restriction).
Privileges	Privilege level of the announcements: • Admin (2) • High (4) • Medium (6) • Low (8) • No (10)
Queue	• Y= queue calls for the announcement if the Type field is integrated, integ-rep or aux-trunk. The caller is always connected to the beginning of the announcement.

	• N=No queue and no barge-in.
Type	"integrated", "integ-mus", "integ-rep".

Button	Action
Add New	Opens a pre-populated Announcement Detail screen for additional editing.
Edit	Opens an Announcement Detail screen for the selected announcement.
Remove	Deletes (with confirmation) all selected announcements.

Announcement Details

This screen displays details for the selected announcement:



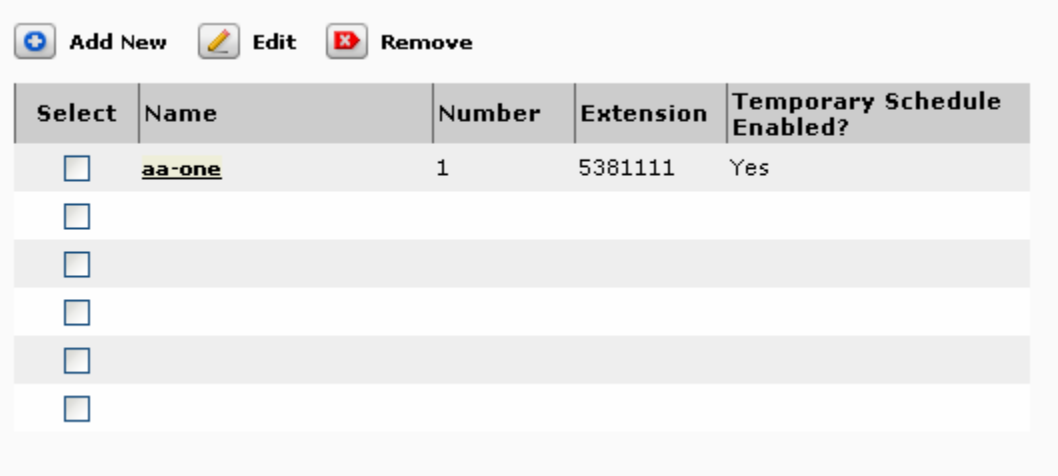
Field	Contains
Name	.wav file containing the announcement. The drop-down list contains all .wav files currently defined.
Extension	Extension that delivers this announcement.
Privileges	Privilege level of the announcements ("Admin", "High", "Medium", "Lo", "No").
Queue	Announcement queues requests ("Yes", "No").
Type	"Integrated", "Integ-mus", "integ-rep".

Button	Action
Back	Returns to the Announcement Lists screen without saving any changes.
Apply Changes	Saves the new or edited Announcement details. Does not return to the previous screen so that multiple adds can be done easily.

Auto Attendant

Auto Attendant: List

This screen displays a list of Auto Attendants.

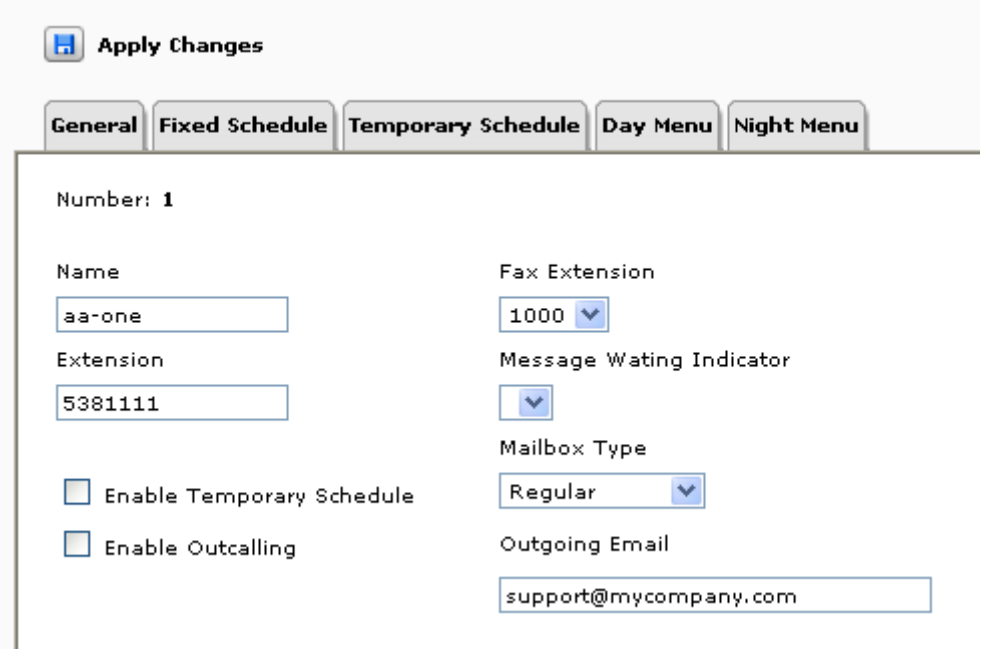


Column	Contains
Select	Check multiple auto attendants to **Remove** at the same time.
Name	Auto attendant name.
Number	Auto attendant number
Extension	Extensions that accesses the auto attendant.
Temporary Schedule Enabled?	

Button	Action
Add New	Opens a pre-populated Auto Attendant Detail screen for additional editing.
Edit	Opens a Auto Attendant Detail screen for the selected Auto Attendant.
Remove	Deletes (with confirmation) all selected Auto Attendants.

Auto Attendant: General Tab

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

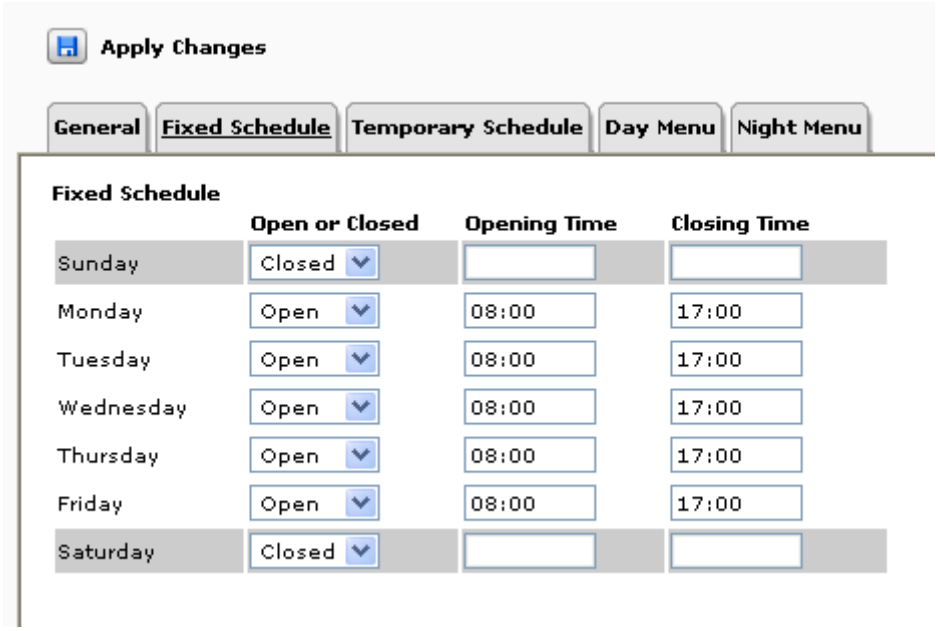


Field	Contains
Name	Auto attendant Name
Extension	Extensions that accesses the auto attendant.
Enable Temporary Schedule	Checkbox.
Enable Outcalling	Checkbox.
Fax Extension	
Message Waiting Indicator	
Mailbox Type	"regular", "extended".
Outgoing Email	Address for outgoing email.

Button	Action

Apply Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

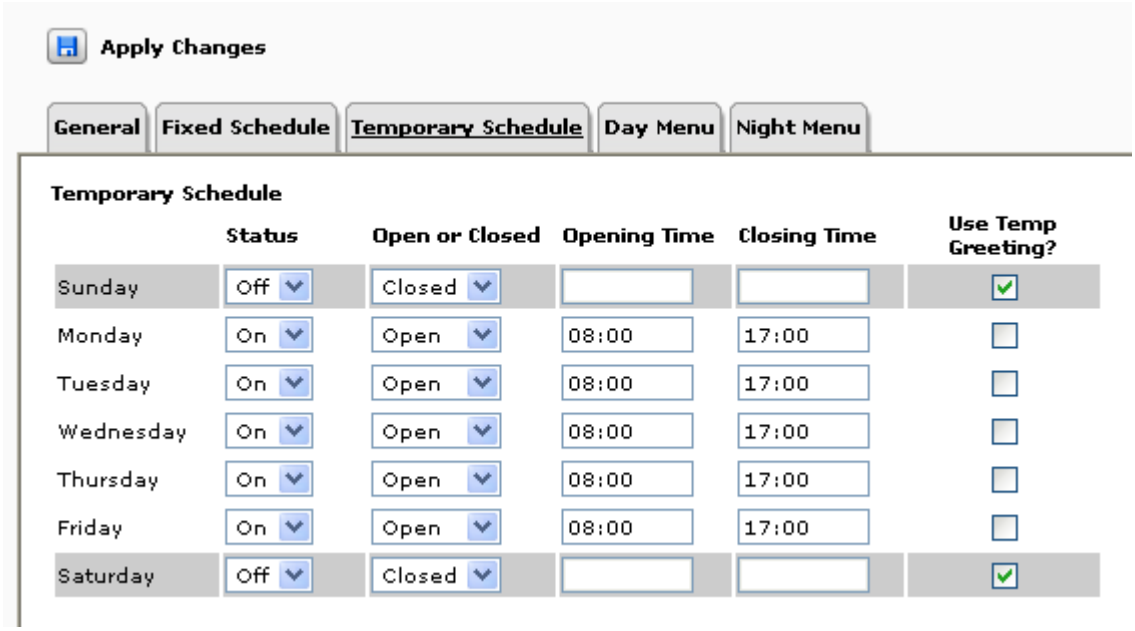
Auto Attendant: Fixed Schedule Tab



Column	Contains
	Day of week.
Open or Closed	Drop-down list. "Open", "Closed".
Opening Time	Opening local time of day. 24-hour clock.
Closing Time	Closing local time of day. 24-hour clock.

Button	Action
Apply Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Auto Attendant: Temporary Schedule Tab

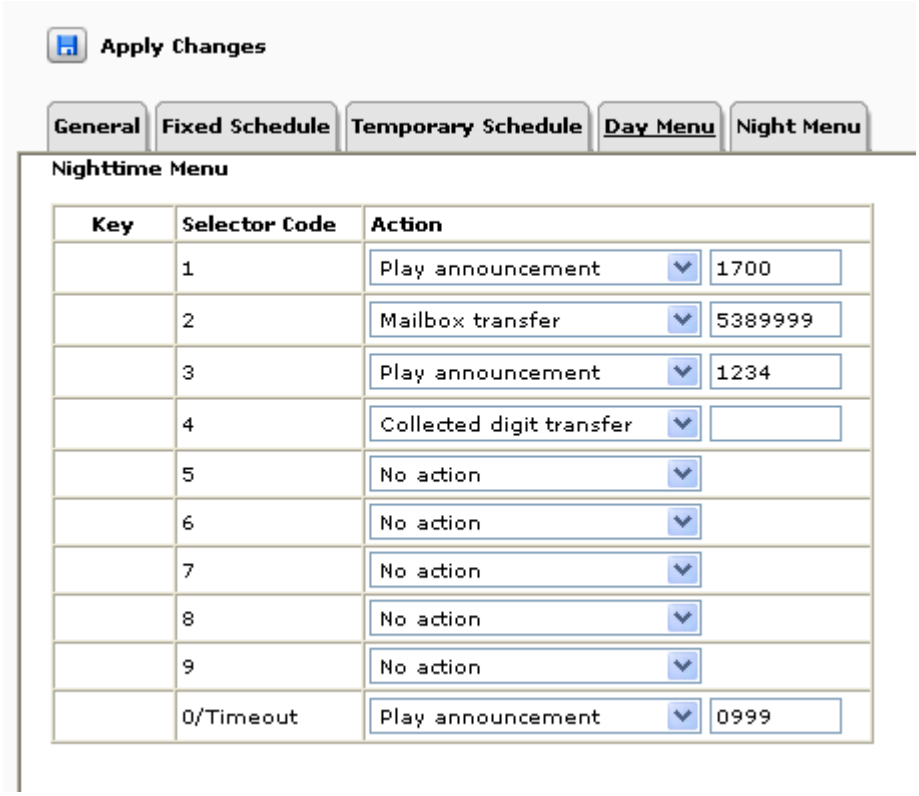


Column	Contains
	Day of week.
Status	"On", "Off".
Open or Closed	Drop-down list. "Open", "Closed".
Opening Time	Opening local time of day. 24-hour clock.
Closing Time	Closing local time of day. 24-hour clock.
Use Temp Greeting	Checkbox.

Button	Action
Apply Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Auto Attendant: Day Menu Tab

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



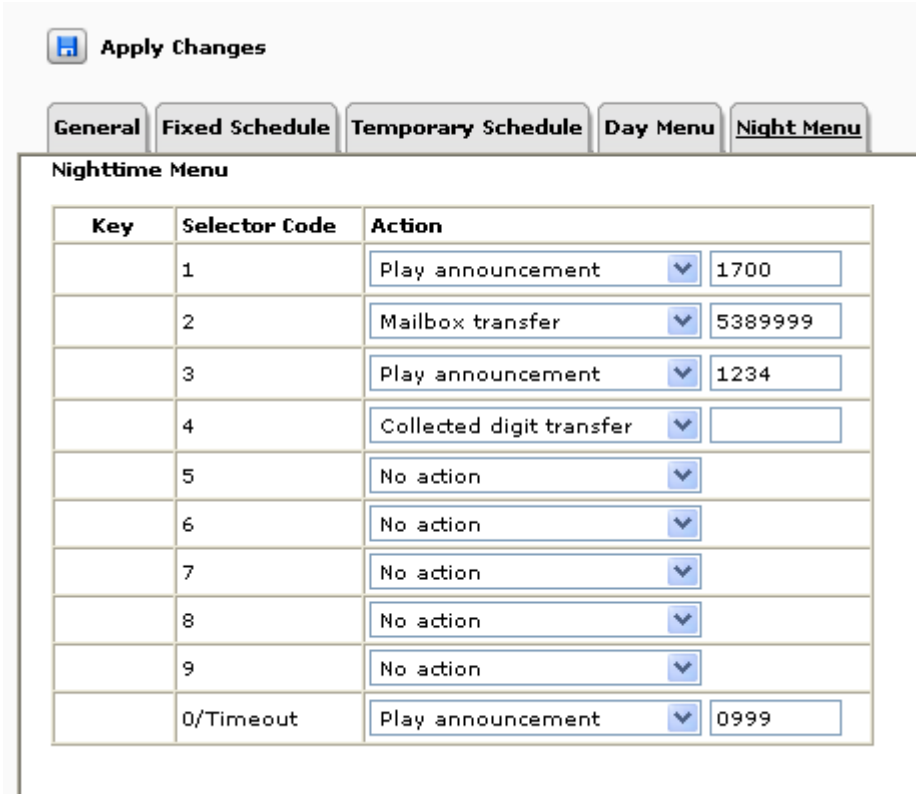
Column	Contains
Key	
Selector Code	1-9 and 0/Timeout.
Action	• values for 0/timeout o Transfer to call answer service operator extension o Transfer to general mailbox o Transfer to extension o Transfer to mailbox o Disconnect • values for others o Unused

	o Play a submenu o Play an announcement o Direct extension transfer o Transfer to extension o Transfer to mailbox o Transfer to voicemail The value selected for this field controls the possible values for the 'action parameter' field below.
	Action parameter, usually an extension, submenu, or announcement.

Button	**Action**
Apply Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Auto Attendant: Night Menu Tab

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



Column	Contains
Key	
Selector Code	1-9 and 0/Timeout.
Action	• values for 0/timeout o Transfer to call answer service operator extension o Transfer to general mailbox o Transfer to extension o Transfer to mailbox o Disconnect • values for others o Unused o Play a submenu

	o Play an announcement o Direct extension transfer o Transfer to extension o Transfer to mailbox o Transfer to voicemail The value selected for this field controls the possible values for the 'action parameter' field below.
	Action parameter, usually an extension, submenu, or announcement.

Button	**Action**
Apply Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Bridging Groups

Bridging Groups List

Column	Contains
Select	Check multiple Bridging Groups to **Remove** at the same time.
Name	Symbolic name describing the Bridging Group.

Button	Action
Add New	Opens a pre-populated Bridging Group Detail screen for additional editing.
Edit	Opens an Bridging Group Detail screen for the selected Bridging Group.
Remove	Deletes (with confirmation) all selected Bridging Groups.

Bridging Group Details

(TBD)

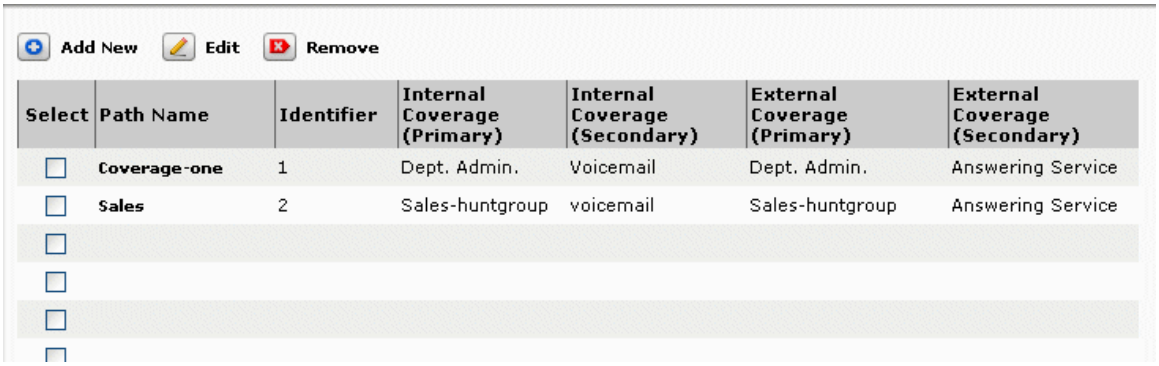
Field	Contains
Name	
Extension	

Button	Action
Back	Returns to the Bridging Group Lists screen without saving any changes.
Apply Changes	Saves the new or edited Bridging Group details. Does not return to the previous screen so that multiple adds can be done easily.

Coverage Paths

Coverage Paths List

This screen displays a list of coverage paths.

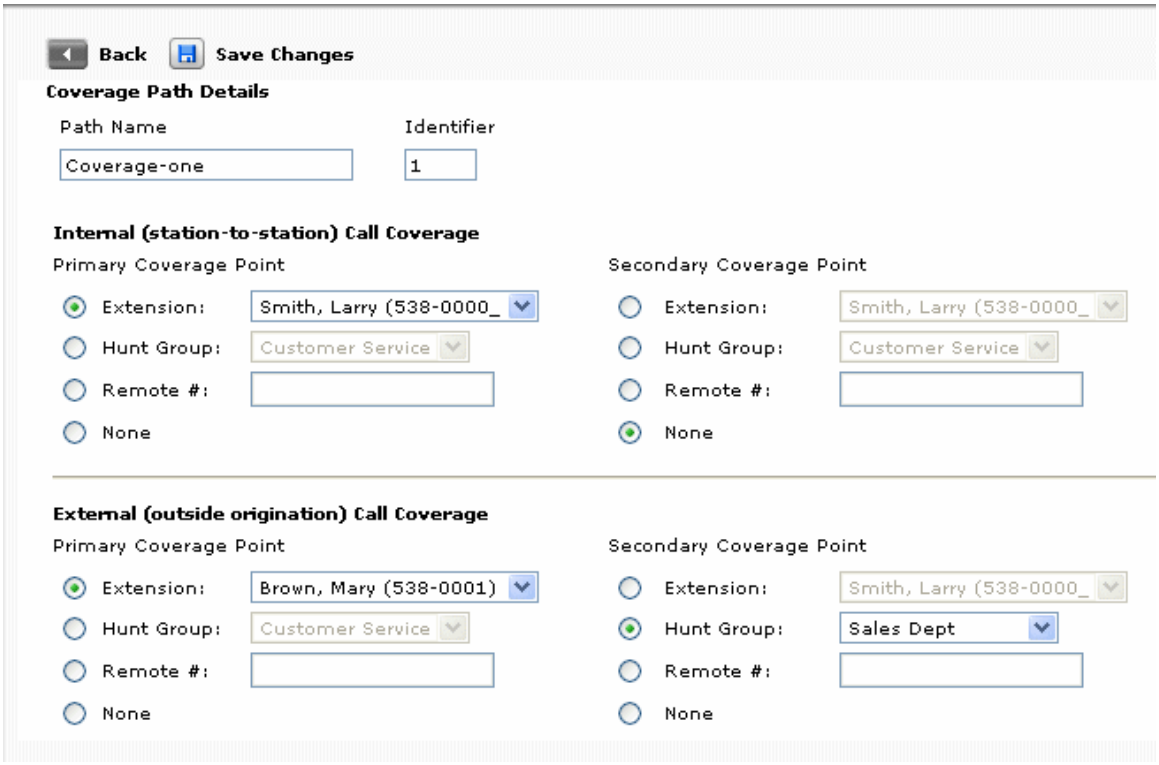


Column	Contains
Select	Check multiple Route Selections to **Remove** at the same time.
Path Name	
Identifier	Path number 1-50
Internal Coverage (Primary)	Extension (extnnnnnnn) or remote coverage point (rxxx) or hunt group (h999) and auto attended hunt groups (NOT Including LVM Hunt Group)
Internal Coverage (Secondary)	Extension (extnnnnnnn) or remote coverage point (rxxx) or hunt group (h999) and auto attended hunt groups (NOT Including LVM Hunt Group)
External Coverage (Primary)	Extension (nnnnnnn) or remote coverage point (rxxx) or hunt group (h999) auto attended hunt groups
External Coverage (Secondary)	Extension (nnnnnnn) or remote coverage point (rxxx) or hunt group (h999) auto attended hunt groups

Button	Action
Add New	Opens a pre-populated Coverage Path Detail screen for additional editing.
Edit	Opens a Coverage Path Detail screen for the selected Coverage Path.

Remove	Deletes (with confirmation) all selected Coverage Paths.

Coverage Path Details



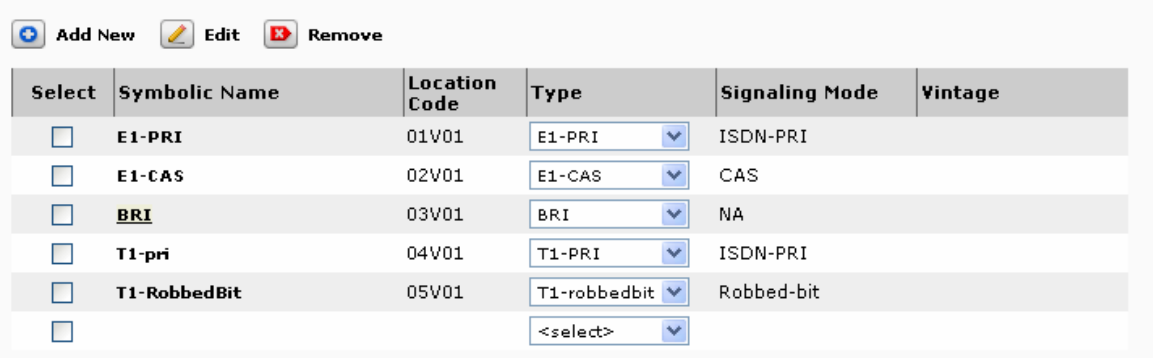
Field	Contains
Path Name	
Internal (station-to-station) Call coverage-Primary Coverage Point	Radio Buttons with data fields: • Identifier: Path number 1-50 • Extension: Select by user name. • Hunt Group: Select by hunt group name. • Remote #: Enter remote number. • None
Internal (station-to-station) Call coverage-Secondary Coverage Point	Radio Buttons with data fields: • Identifier: Path number 1-50 • Extension: Select by user name. • Hunt Group: Select by hunt group name. • Remote #: Enter remote number.

	• None
External (Outside Organization) Call coverage-Primary Coverage Point	Radio Buttons with data fields: • Identifier: Path number 1-50 • 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: • Identifier: Path number 1-50 • Extension: Select by user name. • Hunt Group: Select by hunt group name. • Remote #: Enter remote number. • None

Button	**Action**
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Digital Trunks

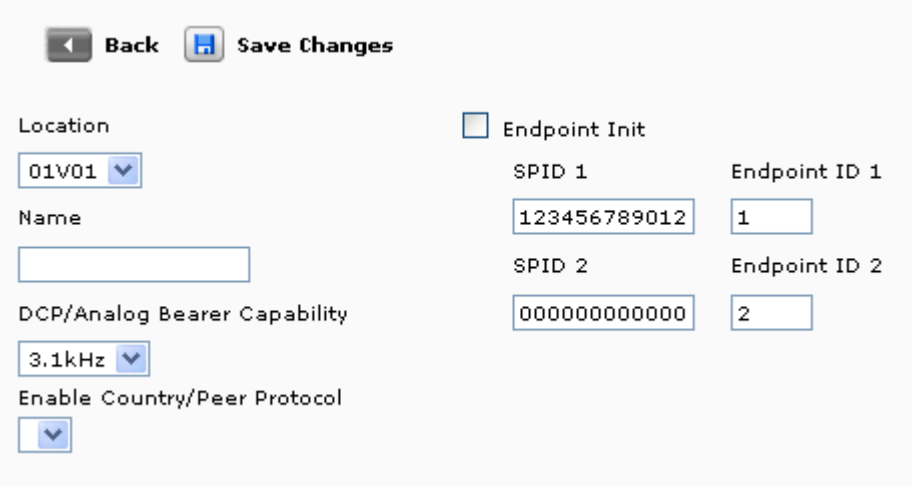
Digital Trunks: List



Column	Contains
Select	Check multiple Route Selections to **Remove** at the same time.
Symbolic Name	Digital trunk name.
Location Code	
Type	"BRI", "E1-CAS", "E1-PRI", "T1-PRI", "T1-robbedbit".
Signaling Mode	"ISDN-PRI", "CAS", "NA", "Robbed-bit".
Vintage	

Button	Action
Add New	Opens a pre-populated Digital Trunk Detail screen for additional editing.
Edit	Opens a Digital Trunk Detail screen for the selected Digital Trunk.
Remove	Deletes (with confirmation) all selected Digital Trunks.

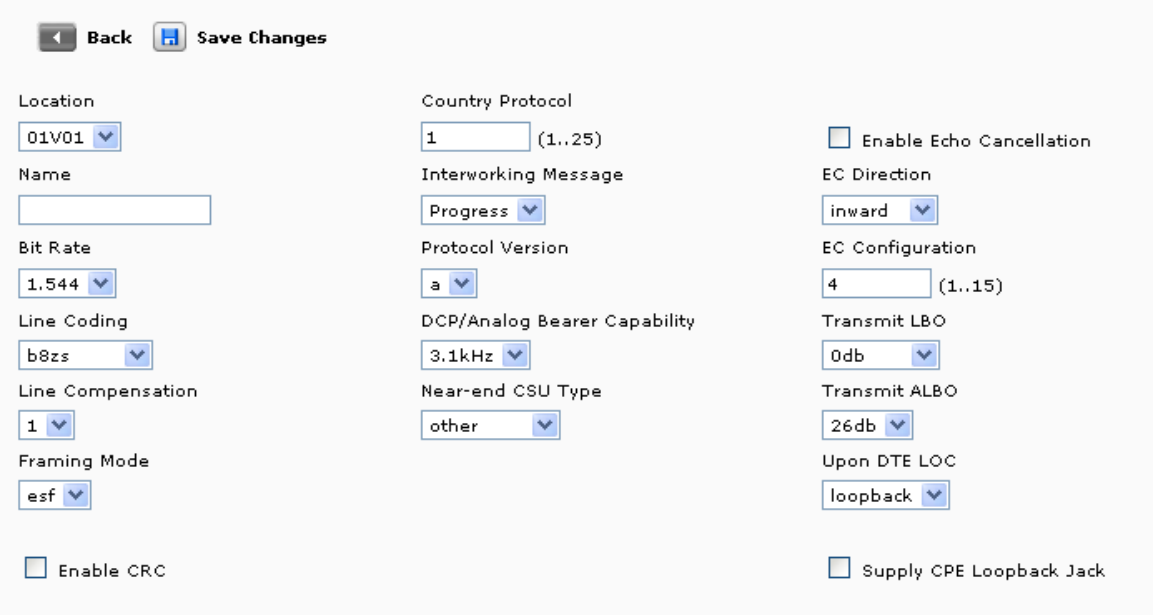
Digital Trunks: Details



Field	Contains
Location	Defines cabinet, chassis, and slot.
Name	Trunk name.
DCP/Analog Bearer Capability	"3.1kHz", "Speech".
Enable Country/Peer Protocol	
Endpoint Init	Checkbox.
SPID 1	
Endpoint ID 1	
SPID 2	
Endpoint ID 2	

Button	Action
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Digital Trunks: PRI Interface



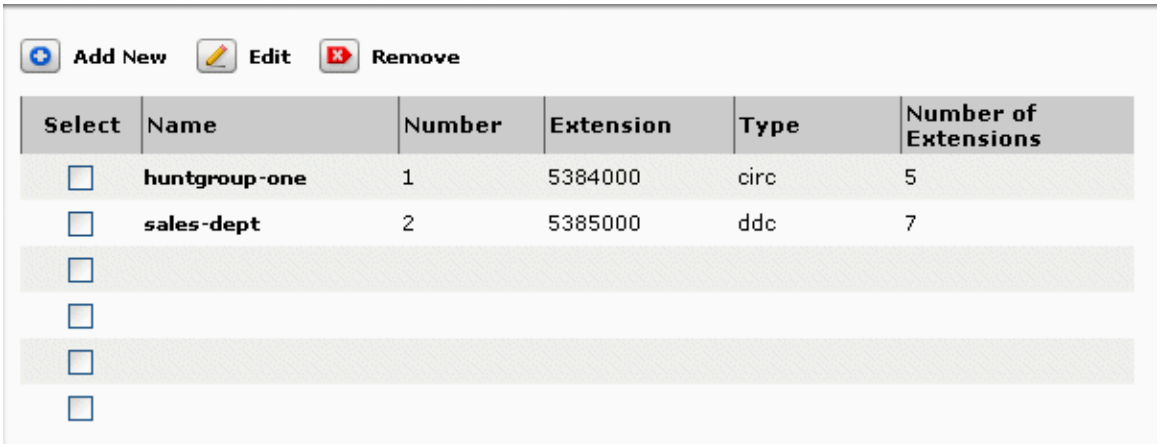
Field	Contains
Location	Defines cabinet, chassis, and slot.
Name	Trunk name.
Bit Rate	"1.544", "2.048". [default = 1.544]
Line Coding	"ami-basic", " ami-zcs", "b8zs", "hdb3". [default = ami-basic, b8zs]
Line Compensation	
Framing Mode	"d4", "esf". [default = ESF]
Enable CRC	Checkbox. [default = N]
Country Protocol	
Interworking Message	
Protocol Version	
DCP Analog	"3.1kHz", "Speech".

Bearer Capability	
Near-end CSU Type	
Enable Echo Cancellation	Appears when DS1 Echo Cancellation is y on the System-Parameters Customer-Options screen and circuit packs support echo cancellation.
EC Configuration	(Enabled if Echo Cancellation? = y) Appears when Echo Cancellation is y on the DS1 Circuit Pack screen. • Enter 1 or 5-15 to provide most rapid adaptation in detecting and correcting echo at the beginning of a call, regardless of the loudness of the talker's voice. For very loud talkers and severe echo, the far-end talker's speech is heard as clipped when both parties talk at the same time. • Enter 2 for slightly slower Adaptation to echo, use if speech is often clipped when both parties talk at the same time. • Enter 3 for slightly slower adaptation to echo, may result in a 2 or 3 second fade on strong echo for quiet talkers. Completely removes speech clipping. • Enter 4 in cases of extreme echo, excessive clipping or breakup of speech. May result in slight echo or background noise. [default = 4]
Transmit LBO	
Transmit ALBO	
Upon DTE LOC	
Supply CPE Loopback Jack	

Button	**Action**
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Hunt Groups

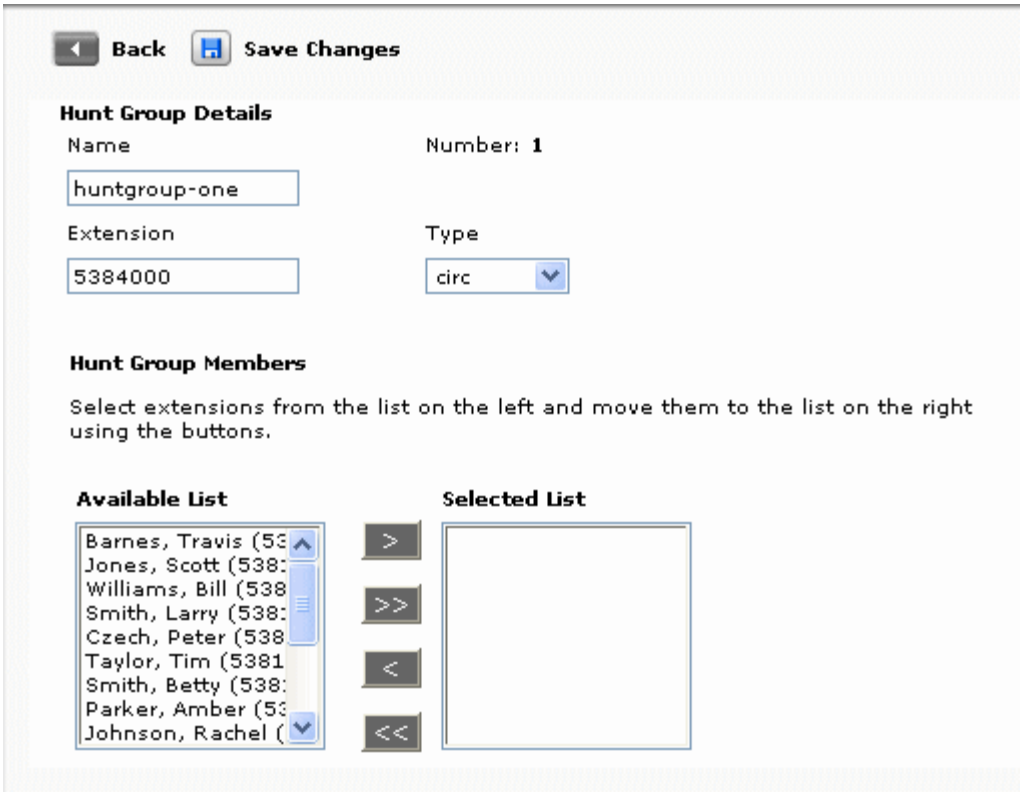
Hunt Groups List



Column	Contains
Select	Check multiple Hunt Groups to **Remove** at the same time.
Name	Hunt Group name.
Number	Hunt Group number
Extension	Extensions that accesses the hunt group.
Type	"circ", "ddc", "ucd-mia". [default = ucd-mia]
Number of Extensions	Number of extensions in the hunt group.

Button	Action
Add New	Opens a pre-populated Pickup Group Detail screen for additional editing.
Edit	Opens a Pickup Group Detail screen for the selected Pickup Group.
Remove	Deletes (with confirmation) all selected Pickup Groups.

Hunt Group Details



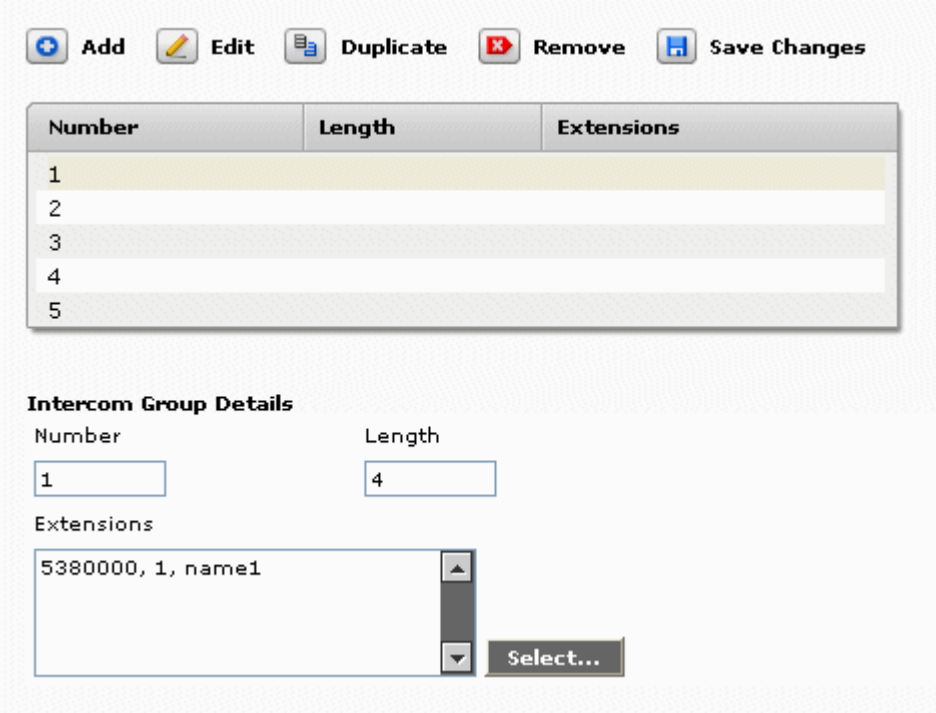
Field	Contains
Name	Hunt Group Name
Extension	Extensions that accesses the hunt group.
Type	"circ", "ddc", "ucd-mia". [default = ucd-mia]
Available List	All available users are presented.
Selected List	Selected users are presented.

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**.
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Intercom Groups

Intercom Groups List and Details



Column	Contains
Number	
Length	
Extensions	

Field	Contains
Number	
Length	
Extensions	

Button	Action

Add	Opens a pre-populated Intercom Group Detail section at the bottom of the screen for additional editing.
Edit	Populates the Intercom Group Detail section at the bottom of the screen for the selected Intercom Group.
Duplicate	Duplicates the Intercom Group selected.
Remove	Deletes (with confirmation) the selected Intercom Group.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.
Select	

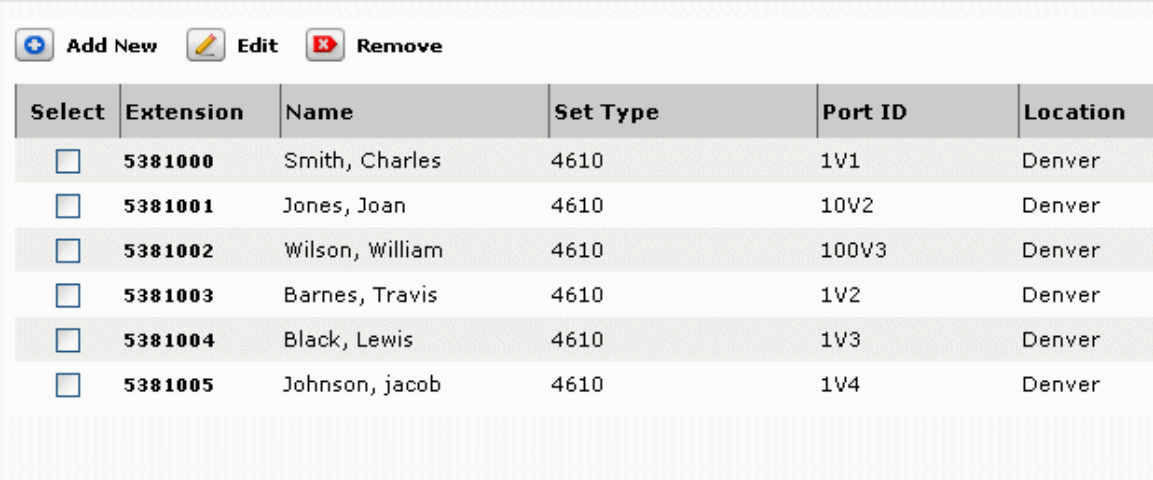
Intercom Group Setup

- 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.

Users

Moves, Adds, and Changes Users List

This screen displays a list of all users.

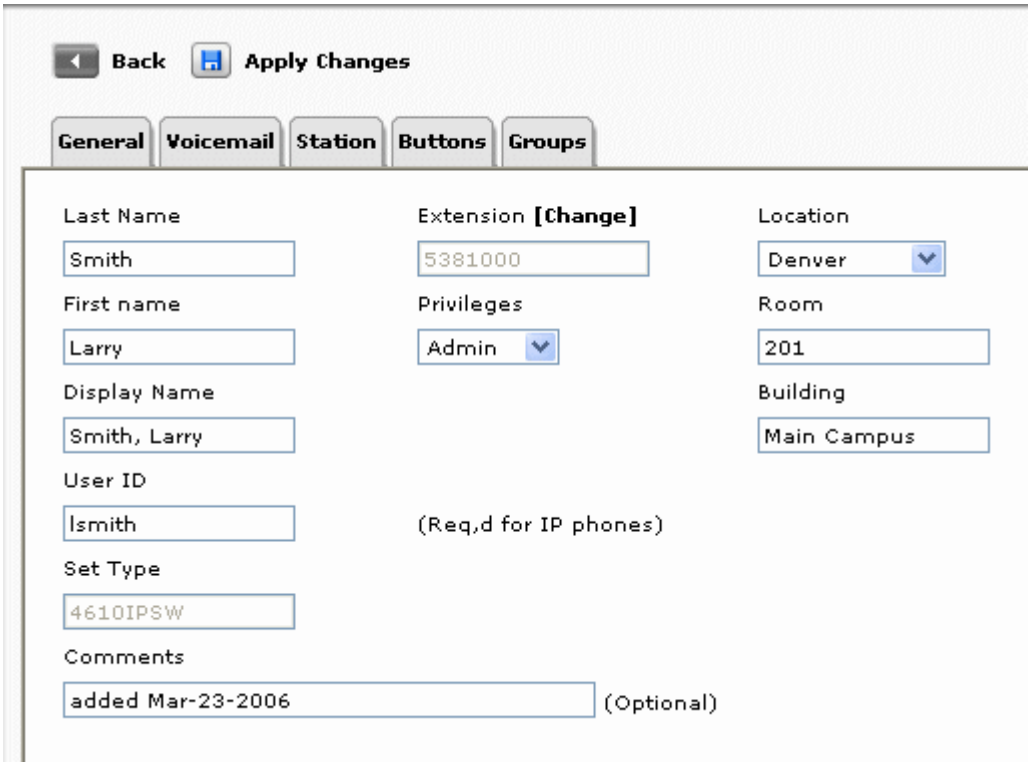


Column	Contains
Select	Check multiple user entries to **Remove** at the same time.
Extension	Administered extension.
Name	User display name.
Set Type	Set type
Port ID	Port ID
Location	

Button	Action
Add New	Opens a pre-populated Abbreviated Dialing List Detail screen for additional editing.
Edit	Opens an Abbreviated Dialing List Detail screen for the selected announcement.
Remove	Deletes (with confirmation) all selected Abbreviated Dialing Lists.

Moves, Adds, and Changes: User Details: General Tab

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



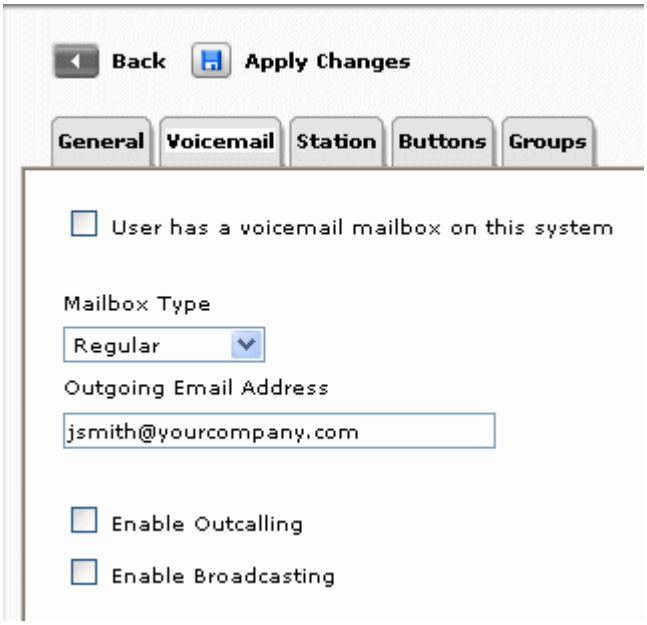
Field	Contains
Last Name	User's last name.
First Name	User's first name.
Display Name	Name formatted to be displayed in directory. The tilde character (~) as the first two characters of a name prevents inclusion of the name in the directory, but still allows display.
User ID	
Set Type	Set type (not editable).
Comments	
Extension [Change]	Should be based on dial plan range. If entering it manually, system verifies it in range and unique.
Privileges	Privilege level of the user: • Admin (2)

	• High (4) • Medium (6) • Low (8) • No (10)
Location	
Room	
Building	

Button	**Action**
Back	Returns to the User List screen without saving any changes.
Apply Changes	Saves the new or edited user details. Does not return to the previous screen so that multiple adds can be done easily.

Moves, Adds, and Changes: User Details: Voicemail Tab

This screen defines basic voice mail parameters for the user.

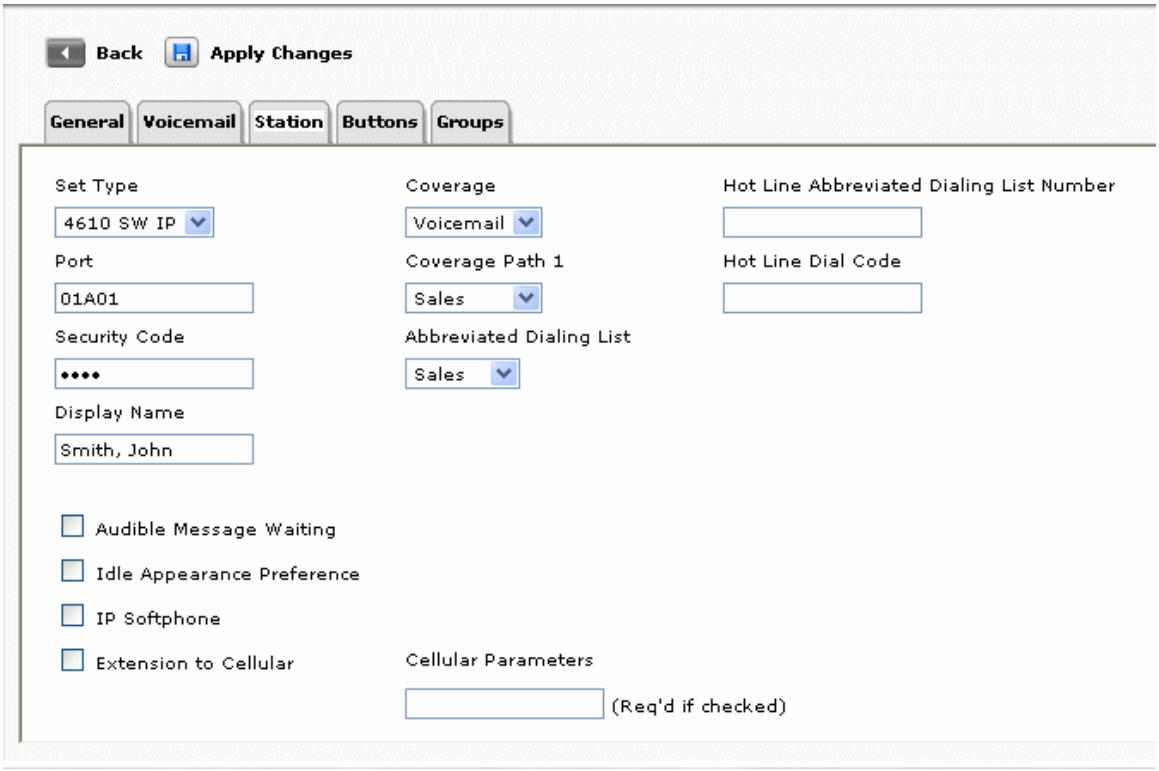


Field	Contains
User has a voicemail mailbox on this system	Checkbox.
Mailbox Type	"general", "extended", "informational".
Outgoing Email Address	User's email address.
Enable Outcalling	Checkbox.
Enable Broadcasting	

Button	Action
Back	Returns to the User List screen without saving any changes.
Apply Changes	Saves the new or edited user details. Does not return to the previous screen so that multiple adds can be done easily.

Moves, Adds, and Changes: User Details: Station Tab

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



Field	Contains
Set Type	Drop-down list of available templates.
Port	This field is valid only for the following set types: • 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 X, IP or the 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.
Audible Message Waiting	Checkbox. Yes - the set user will receive stutter dial tone when they have a waiting message and they go off-hook. [default = N]
Idle-Appearance Preference	Checkbox. Indicates which call appearance is selected when the user lifts the handset and there is an incoming call.

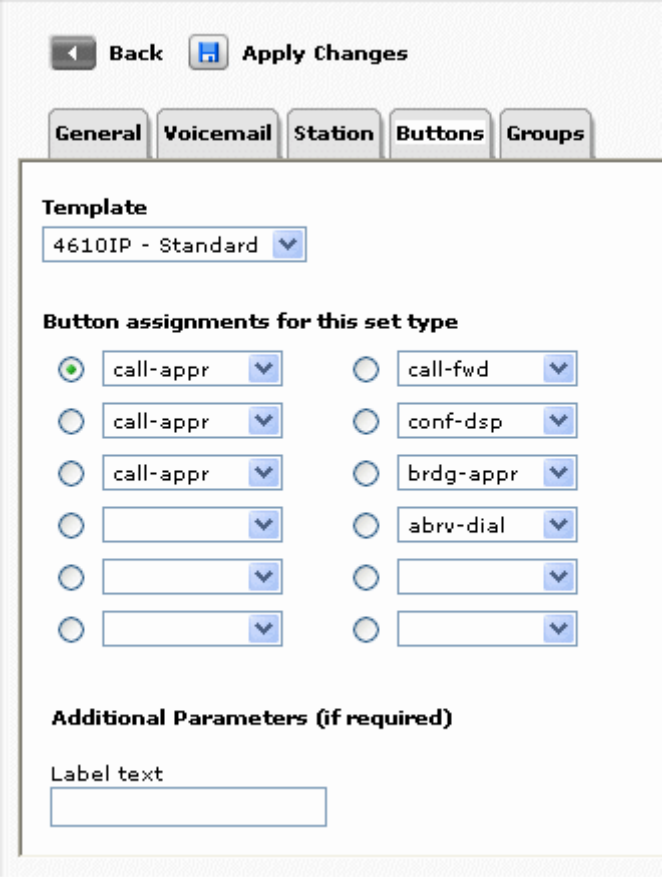
	• Yes - the user connects to an idle call appearance instead of the ringing call. • No - the Alerting Appearance Preference is set and the user connects to the ringing call appearance. This field is valid only for the following set types: 4602+, 4610, 4612, 4620, 4621, 4625, 5410, 5420
IP Softphone	Checkbox. 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. This field is valid only for the for SIP or H.323 sets. ???
Extension to Cellular	Checkbox. This feature only available for H.323.
Cellular Parameters	Configure the cellular number (for trunk – use "ars")
Coverage	List of existing coverage paths with additional "None". A single coverage point applies for all coverage scenarios: • None – default for privilege Low & No • VM (Voice Mail; will configure to Coverage Path 1) – default for privilege Medium and higher. Only available if VM has been configured. • AA (Auto-Attendant) 4 different selection options. Only available if AA has been configured • Exists Coverage Paths
Coverage Path 1	Select one of a pre-defined set of coverage scenarios.
Abbreviated Dialing List	AD List 2 will always be "group" for all set types. This allows the telephone user to access the specified group abbreviated dialing list. If you enter group, you also must enter a group number. Abbreviated dialing lists are not configurable via Distributed Enterprise Centralized Management (DECM). DECM will only let the user choose from the existing group abbreviated dialing lists configured locally. If none exist, the user will have the option to change the AD List 2 value to "none".
Hot Line Abbreviated Dialing List	This field only appears for analog set types. "System" or "Group". If "Group" ???.

Number	
Hot Line Dial Code	The dial code 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

Button	**Action**
Back	Returns to the User List screen without saving any changes.
Apply Changes	Saves the new or edited user details. Does not return to the previous screen so that multiple adds can be done easily.

Moves, Adds, and Changes: User Details: Buttons Tab

This screen is used to assign features to station buttons.



Field	Contains
Template	A Template provides both the button layout for the set type and any pre-defined settings for some of the buttons. A single set type may have multiple templates for users who have different organizational roles.
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 set type, additional fields will be provided.

Button	Action
Back	Returns to the User List screen without saving any changes.
Apply Changes	Saves the new or edited user details. Does not return to the previous screen so that multiple adds can be done easily.

Procedure: Assign User Telephone Set

To assign the buttons on the user's telephone set, follow these steps:

1. Select the **Template** for the user's set type and basic features from the drop-down list.
    - A Template provides both the button layout for the set type and any pre-defined settings for some of the buttons. A single set type may have multiple templates for users who have different organizational roles.
    - 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.
    - If **Additional Parameters** are required for the selected set type, additional fields will be provided.

2. Select the assignment for each button. The available button assignments are shown in a drop-down list and are discussed in a table later in this topic:

3. Fill in any required **Additional Parameters**.

4. Click **Apply Changes**. You must **Apply Changes** on each tab.

5. Select another tab, or click **Back** to return to the list of users.

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
1616-H323	32
4610SW-H323	24
4621SW-H323	24

Available Features

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	Unlimited; list/DC must be assigned; 1 per

	list. List: specify the list number 1 to 3 where the destination number is stored DC: specify the dial code for the destination number.	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;
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
(extension)	Bridged Call Appearance:	Unlimited;

	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. 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.	cannot be to self; cannot be analog; Btn/Ext required
Busy	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. You can assign this button to any lamp button and must specify which Trunk or extension the user wants to monitor.	1 per TAC/Ext; unlimited; 1 per TAC/ext required
extension	Appearance: originates or receives calls. Assign to a 2-lamp appearance button.	Maximum of 10 are allowed for stations that have more than 10 buttons on them.
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	Activates or deactivates Call	64 per

Forwarding	Forwarding All Calls.	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
Consult	The Consult button allows a covering user, after answering a coverage call, to call the principal (called party) for private consultation. 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.	1 per station
CPN Block	Blocks the sending of the calling party number for a call.	1 per station
Crisis	Crisis Alert (display button): provide this button to the telephones or consoles that you want to notify when any user makes an emergency call.	1 per station 10 per system

	(You define which calls are emergency calls on the AAR/ARS Analysis screen by setting the Call Type to alrt.) After a user receives an alert, they can press the crss-alert button to disable the current alert. If tenant partitioning is active, the attendants within a partition can receive emergency notification only from callers in the same partition.	
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
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	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. 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. Note that Vector Directory Numbers do not appear in	1 per station

	the Directory.	
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
Exclusion	Exclusion: allows multi-appearance telephone users to keep other users with appearances of the same extension from bridging onto an existing call. If the user presses the Exclusion button while other users are already bridged onto the call, the other users are dropped. There are two means of activating exclusion. • 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	1 per station; Number not required and not

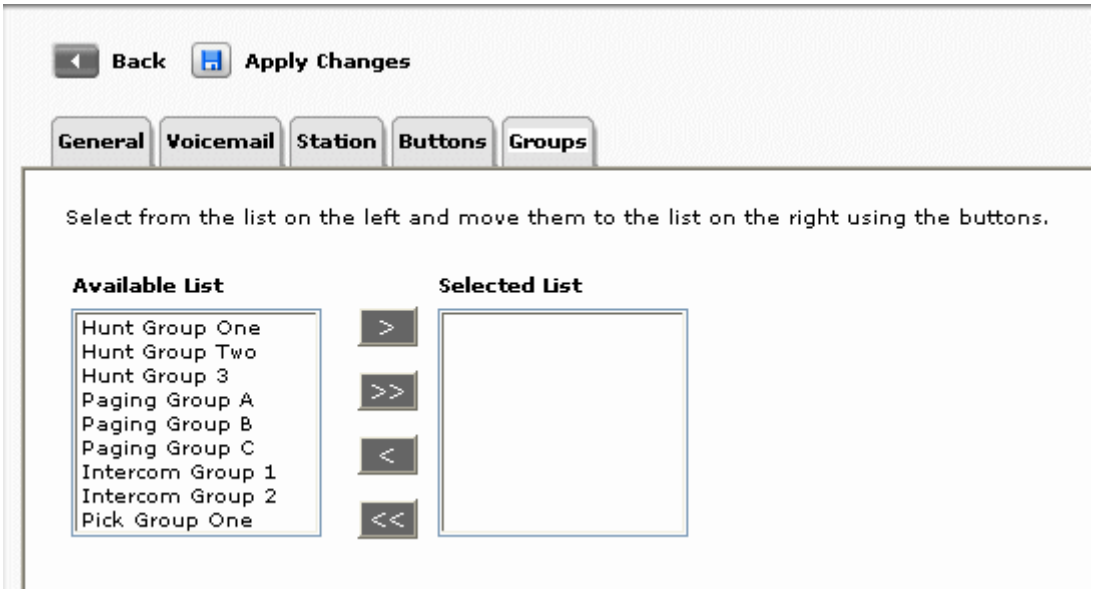
	turning on their speakerphones. Number: The extension of the page group.	validated
Inspect Mode	Inspect (display button): allows users on an active call to display the identification of an incoming call. Inspect also allows users to determine the identification of calls they placed on Hold.	1 per station
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	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. 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.	1 per station

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
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	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. The user must have a class of restriction (COR) that allows intraswitch calling to use whisper paging.	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
Busy Transfer	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. You can assign this button to any lamp button and must specify which Trunk or extension the user wants to monitor. 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 Local Branch Administration,	1 per TAC/Ext

	R1.	
Voice Answer State	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.	1 per Ext; cannot be self; Ext not required

Moves, Adds, and Changes: User Details: Groups Tab

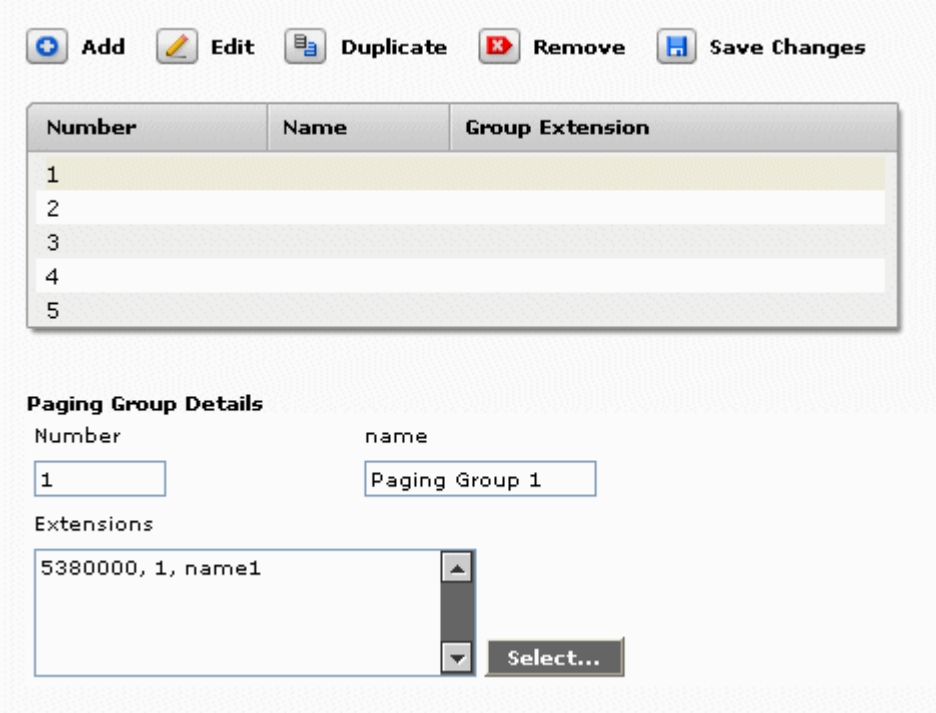


Field	Contains
Available List	All available lists are presented.
Selected List	The lists to which the user belongs are listed.

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**.
Back	Returns to the User List screen without saving any changes.
Apply Changes	Saves the new or edited user details. Does not return to the previous screen so that multiple adds can be done easily.

Paging Groups

Paging Groups List and Details



Column	Contains
Number	
Length	
Group Extension	

Field	Contains
Number	
Length	
Extensions	

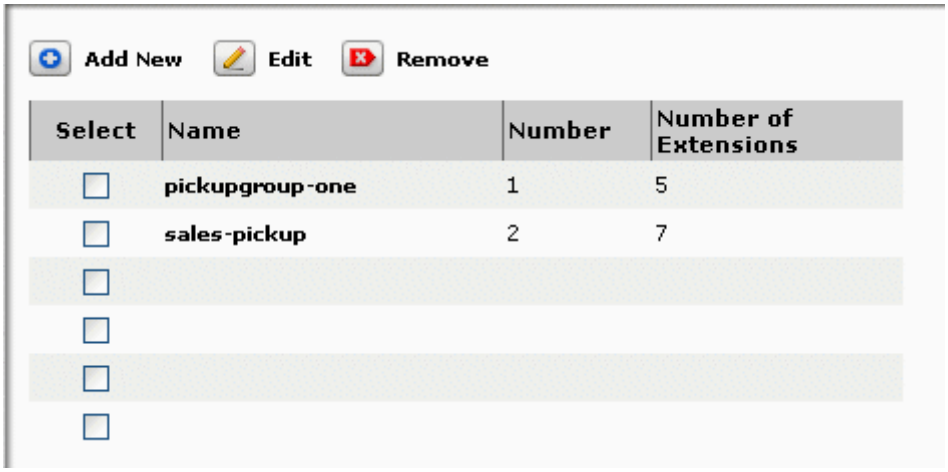
Button	Action

Add	Opens a pre-populated Paging Group Detail section at the bottom of the screen for additional editing.
Edit	Populates the Paging Group Detail section at the bottom of the screen for the selected Paging Group.
Duplicate	Duplicates the Paging Group selected.
Remove	Deletes (with confirmation) the selected Paging Group.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.
Select	

Pickup Groups

Pickup Groups List

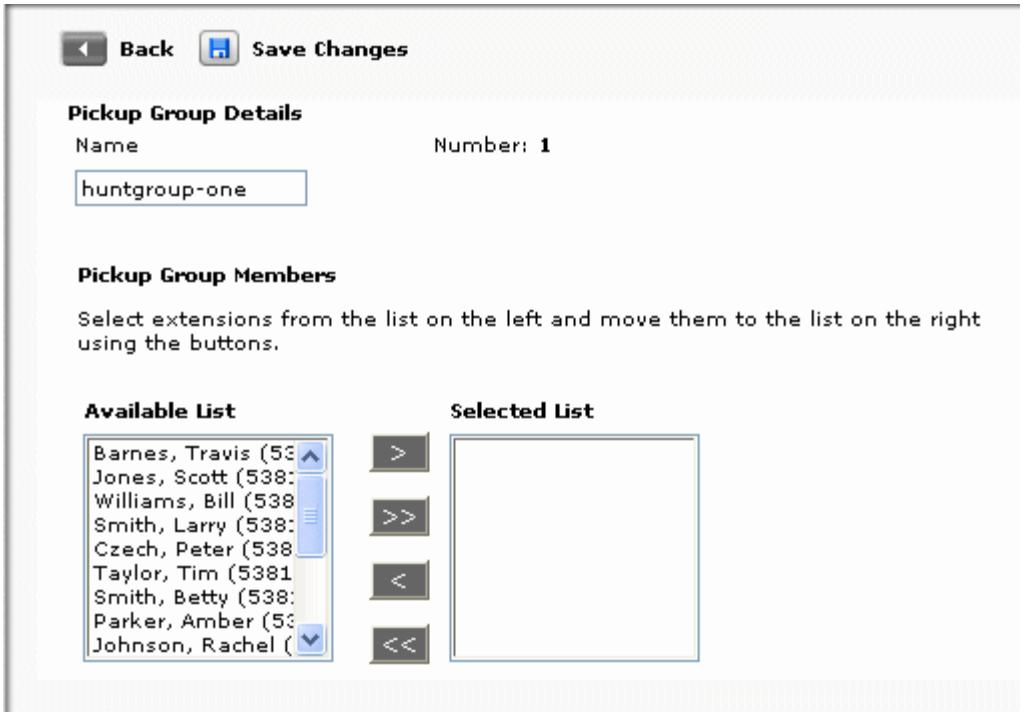
This screen displays a list of pickup groups.



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

Button	Action
Add New	Opens a pre-populated Pickup Group Detail screen for additional editing.
Edit	Opens a Pickup Group Detail screen for the selected Pickup Group.
Remove	Deletes (with confirmation) all selected Pickup Groups.

Pickup Group Details

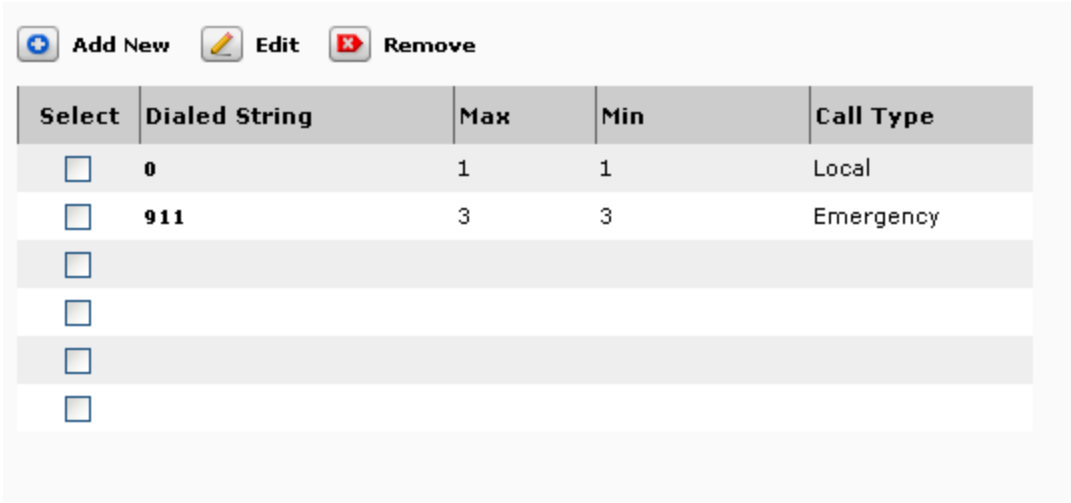


Field	Contains
Name	
Available List	All available users are presented.
Selected List	Selected users are presented.

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**.
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Route Selection

Route Selection (ARS): List

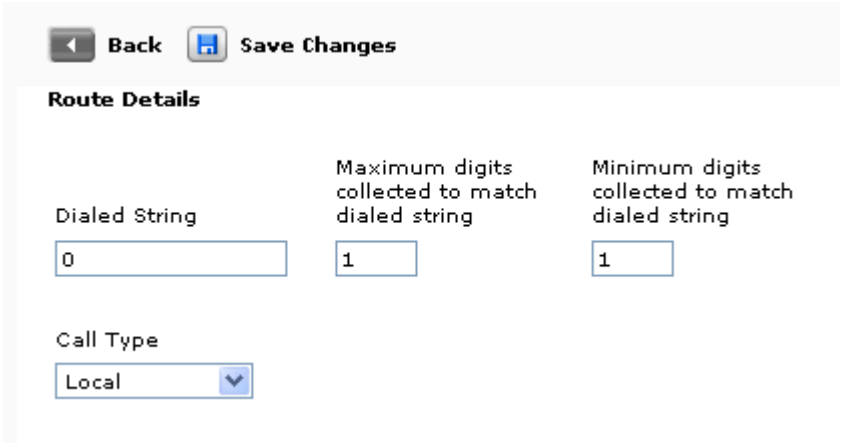


Column	Contains
Select	Check multiple Route Selections to **Remove** at the same time.
Dialing String	User-dialed numbers are matched to the dialed string entry that most closely matches the dialed number. An exact match is made on a user-dialed number and dialed string entries with wildcard characters and an equal number of digits. (0…9)(*,x,X)
Max	The maximum number of user-dialed digits the system collects to match to the dialed string. (Numeric, Min-28.)
Min	Minimum number of user-dialed digits the system collects to match to the dialed string. (Numeric, 1-Max.)
Call Type	"deny", "local", "toll", "international", "emergency", "crisis-alert".

Button	Action
Add New	Opens a pre-populated Route Selection Detail screen for additional editing.

Edit	Opens a Route Selection Detail screen for the selected Route Selection.
Remove	Deletes (with confirmation) all selected Route Selections.

Route Selection (ARS): Details

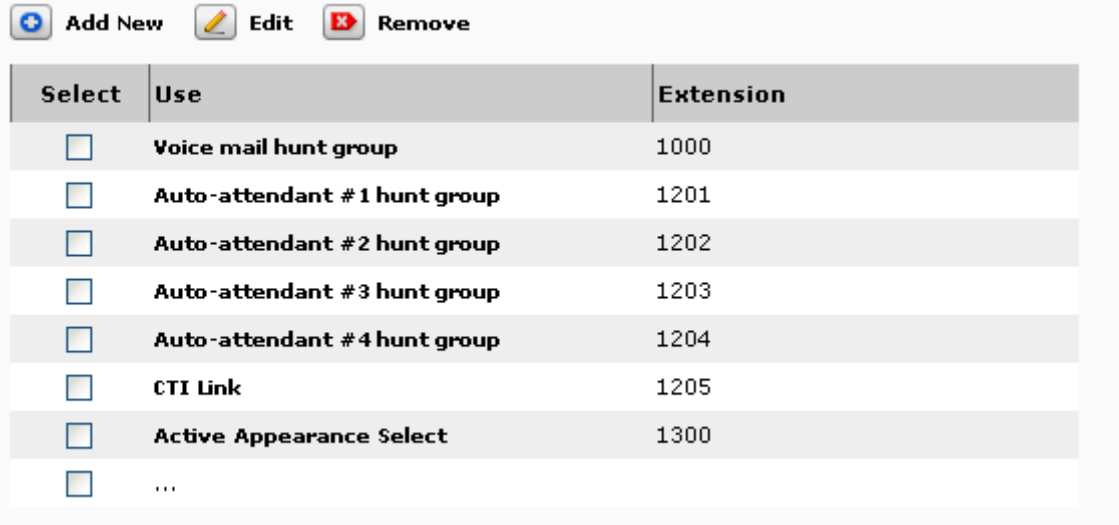


Field	Contains
Dialing String	User-dialed numbers are matched to the dialed string entry that most closely matches the dialed number. An exact match is made on a user-dialed number and dialed string entries with wildcard characters and an equal number of digits. (0…9)(*,x,X)
Maximum digits collected to match dialed string	The maximum number of user-dialed digits the system collects to match to the dialed string. (Numeric, Min-28.)
Minimum digits collected to match dialed string	Minimum number of user-dialed digits the system collects to match to the dialed string. (Numeric, 1-Max.)
Call Type	"deny", "local", "toll", "international", "emergency", "crisis-alert".

Button	Action
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Special Purpose Extensions

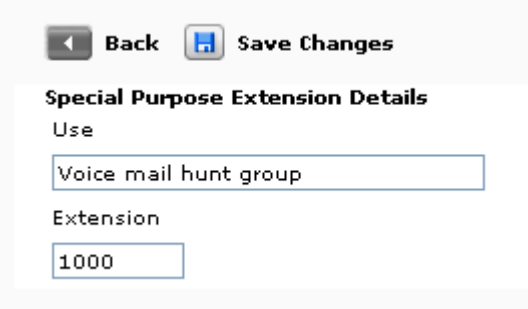
Special Purpose Extensions: List



Column	Contains
Select	Check multiple Special Purpose Extensions to **Remove** at the same time.
Use	
Extension	Extension used for this special purpose.

Button	Action
Add New	Opens a pre-populated Special Purpose Extension Detail screen for additional editing.
Edit	Opens a Special Purpose Extension Detail screen for the selected Special Purpose Extension.
Remove	Deletes (with confirmation) all selected Special Purpose Extensions.

Special Purpose Extensions: Details

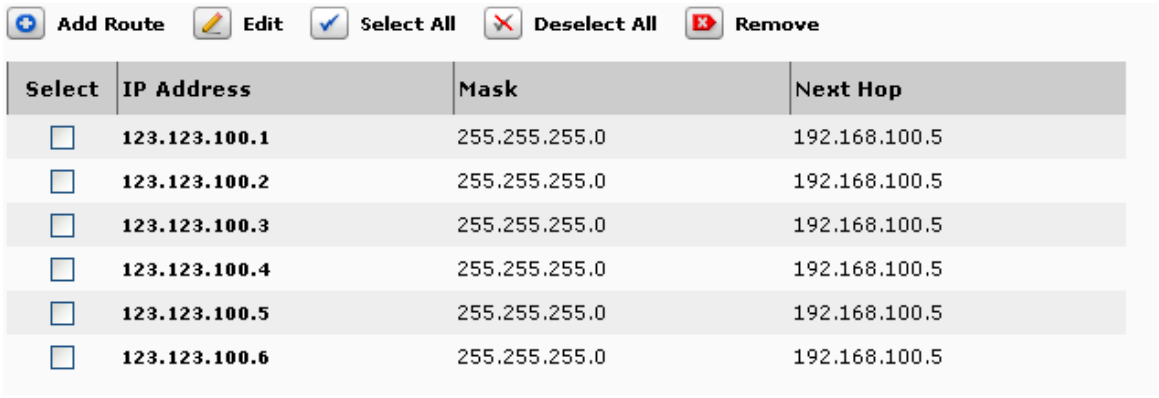


Field	Contains
Use	
Extension	Extension used for this special purpose.

Button	Action
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Static Routes

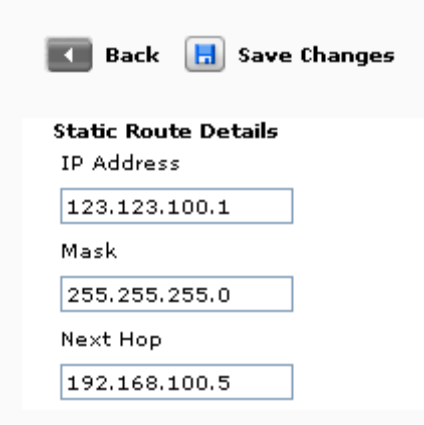
Static Routes: List



Column	Contains
Select	Check multiple Special Purpose Extensions to **Remove** at the same time.
IP Address	
Mask	
Next Hop	

Button	Action
Add Route	Opens a pre-populated Static Route Detail screen for additional editing.
Edit	Opens a Static Route Detail screen for the selected Static Route.
Select All	Selects all Static Routes.
Deselect All	Deselects all Static Routes.
Remove	Deletes (with confirmation) all selected Static Routes.

Static Routes: Details



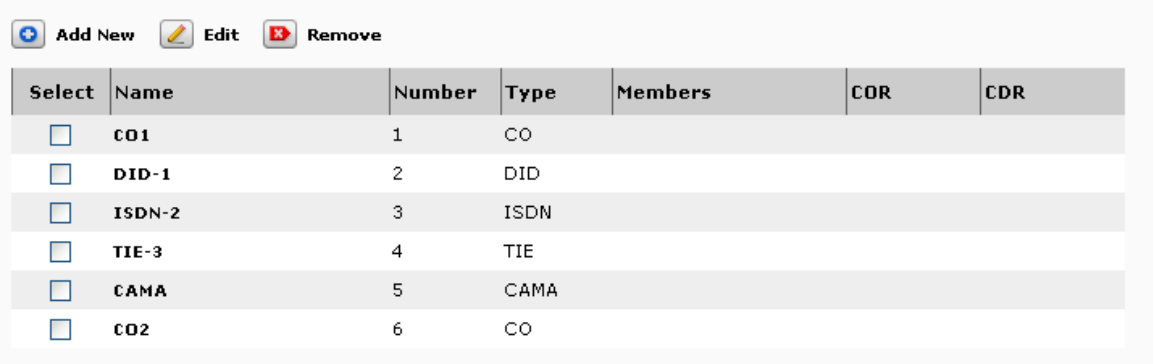
Field	Contains
IP Address	
Mask	
Next Hop	

Button	Action
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Trunk Groups

Trunk Groups: List

This screen displays a list of trunk groups.

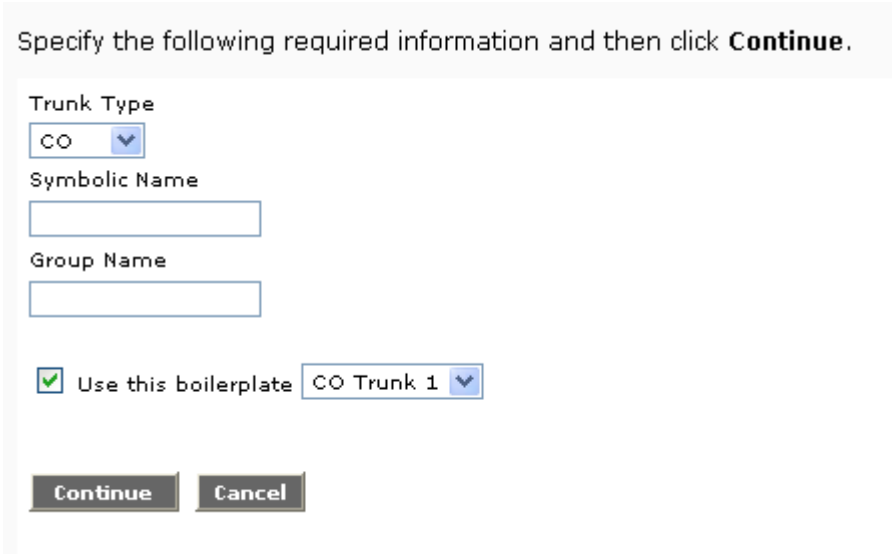


Column	Contains
Select	Check multiple trunk group entries to **Remove** at the same time.
Name	Trunk group name. 27 alpha-num chars The tilde character (~) as the first two characters of a name prevents inclusion of the name in the directory, but still allows display.
Number	Trunk Group Number.
Type	"CO", "DID", "ISDN", "TIE", "CAMA".
Members	Number of trunks in the group.
COR	Class of Restriction for the trunk group.
CDR	Call Detail Recording for the trunk group.

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

Trunk Groups: Add Trunk

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

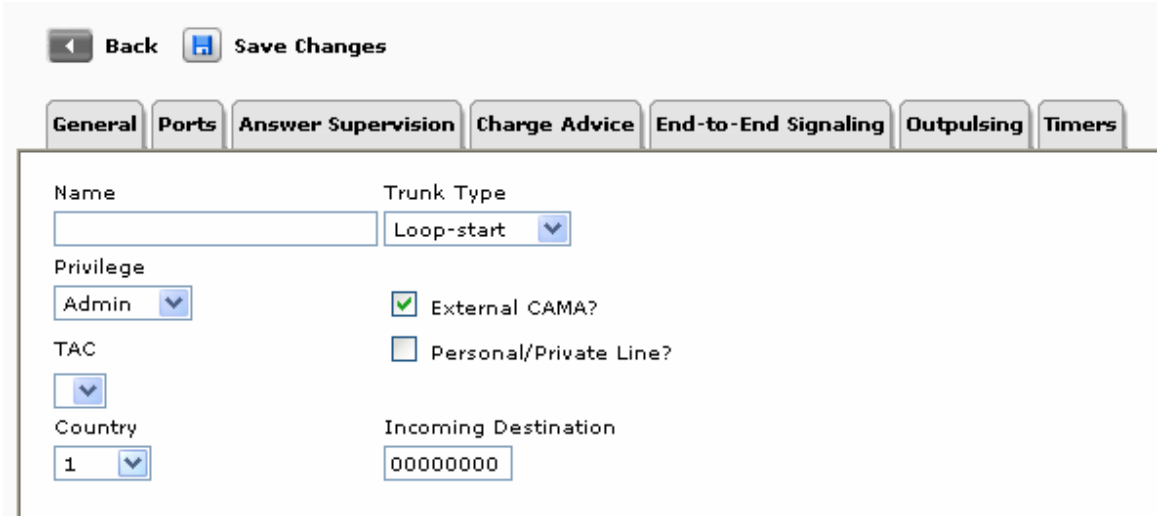


Field	Contains
Type	"CO", "DID", "ISDN", "TIE", "CAMA".
Symbolic Name	???
Group Name	Trunk group name. 27 alpha-num chars The tilde character (~) as the first two characters of a name prevents inclusion of the name in the directory, but still allows display.
Use this boilerplate	Select an existing trunk as a template to pre-populate fields.

Button	Action
Continue	Continue to the next step in defining a trunk group.
Cancel	Cancels add or change.

CO Trunk Groups: General Tab

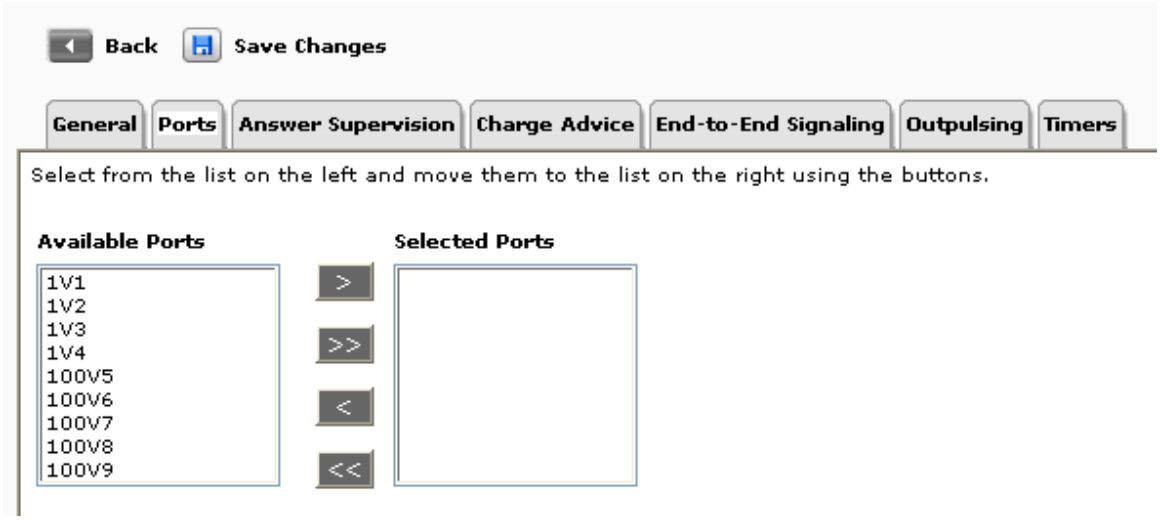
This tab displays and collects general information about a CO trunk.



Field	Contains
Name	Trunk name.
Trunk Type	"loop-start", "ground-start", "auto/auto", "auto/delay", "auto/immed", "auto/wink". [default=loop-start]
Privilege	Privilege level of the trunk: • Admin (2) • High (4) • Medium (6) • Low (8) • No (10)
TAC	
Country	
External CAMA	Checkbox.
Personal/Private Line	Checkbox.
Incoming Destination	If the trunk group is to be used for inbound traffic, an incoming destination should be set. This is a mandatory field.

Button	Action
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

CO Trunk Groups: Ports Tab

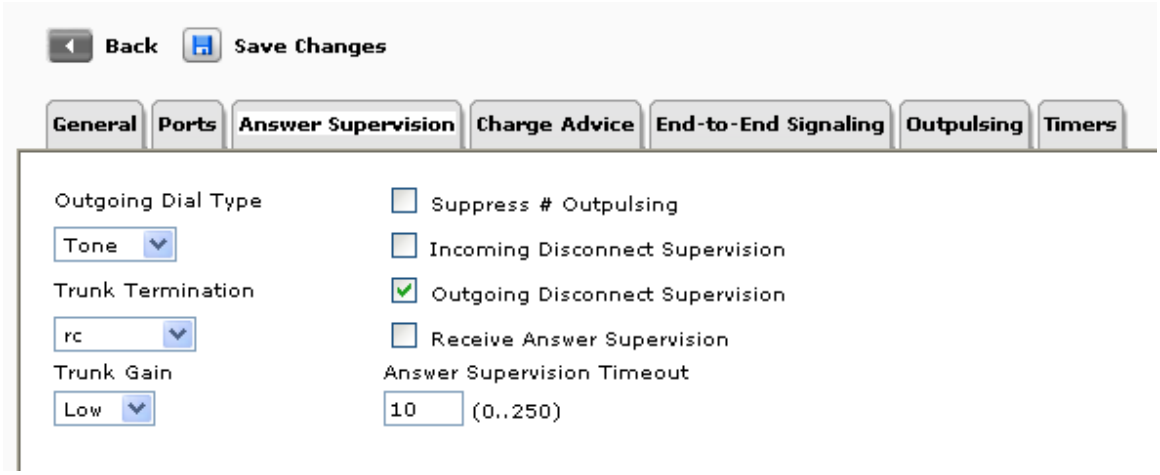


Field	Contains
Name	Trunk name.
Trunk Type	
Privilege	
TAG	
Country	
External CAMA	Checkbox.
Personal/Private Line	Checkbox.
Incoming Destination	

Button	Action
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

CO Trunk Groups: Answer Supervision Tab

This screen displays and collects answer supervision information for a trunk group.



Field	Contains
Outgoing Dial Type	"rotary", "tone". This field sets the method used to transmit digits for an outgoing call. Usually, it should match what central office provides. • Tone – Use Dual Tone Multifrequency (DTMF) addressing, also known as "touch tone" in the U.S. Entering tone actually allows the trunk group to support both DTMF and rotary signals. • Rotary - Use dial pulse addressing method used by non-touch tone phones. [default = tone]
Trunk Termination	"rc", "600ohm". Adjusts the impedance of the trunk group for optimal transmission quality. • 600ohm - when the distance to the central office or the media server or switch at the other end of the trunk is less than 3,000 feet. • rc - the distance to the central office or the media server or switch at the other end of the trunk is more than 3,000 feet. [default = rc]

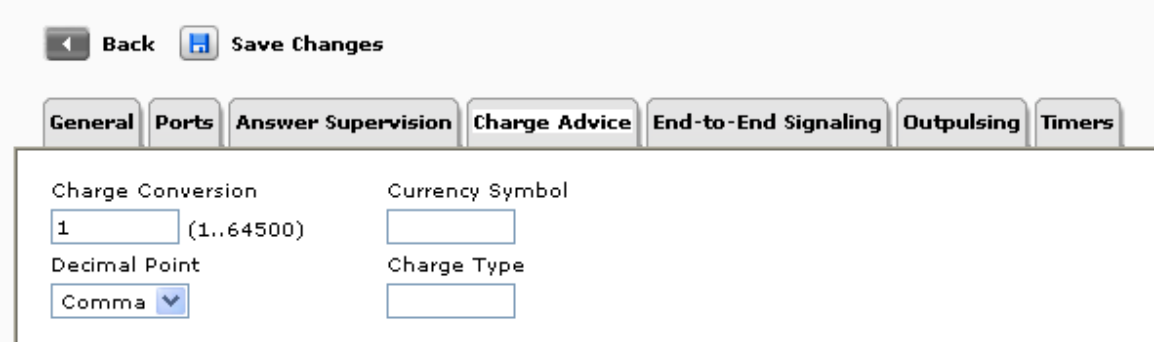
Trunk Gain	"high", "low". Specifies the amplification applied to the trunks in this group. With the values of the Trunk Termination and Country fields, the value in this field also determines the input and trans-hybrid balance impedance. • high - if users complain of low volume. • low - if users complain of squeal or feedback. [default=high]
Suppress # Outpulsing	Checkbox. For Yes, end-to-end signaling begins with (and includes) "#". The final "#" is suppressed in cases where the system would normally outpulse it. This field should be y when the Central Office (for example, rotary) or any other facility treats "#" as an error. [default = n]
Incoming Disconnect Supervision	Indicates whether the Local Feature Server (LFS) receives disconnect supervision for incoming calls over this trunk group. • y – in the following cases: o Allow trunk-to-trunk transfers involving trunks in this group. o If the far-end server/switch sends a release signal when the calling party releases an incoming call, and you want to make the far-end server/switch responsible for releasing the trunk. o To enhance Network Call Redirection. • n – in the following cases o if the far-end server/switch doesn't provide a release signal, if your hardware can't recognize a release signal, or if you prefer to use timers for disconnect supervision on incoming calls. o Entering n prevents trunk-to-trunk transfers involving trunks in this group. [default = n]
Outgoing Disconnect Supervision	Indicates whether LFS receives disconnect supervision for outgoing calls over this trunk group. The entry in this field is crucial if you allow trunk-to-trunk transfers. • y – in the following cases: o Allow trunk-to-trunk transfers involving trunks in this

	group. o if the far-end sends a release signal when the called party releases a call an outgoing call, and you want to make the far-end responsible for releasing the trunk - The Answer Supervision Timeout field must be 0 and the Receive Answer Supervision field must be y for the switch to recognize a y entry. o To enhance Network Call Redirection. • n - if the far-end server/switch doesn't provide a release signal, if your hardware can't recognize a release signal, or if you prefer to use timers for disconnect supervision on outgoing calls. Entering n prevents trunk-to-trunk transfers involving trunks in this group. [default = y]
Receive Answer Supervision	Checkbox. [default = n]
Answer Supervision Timeout	If the Receive Answer Supervision field is n, use this field to set the answer supervision timer. During a cut-through operation, timing begins after each outgoing digit is sent by Communication Manager and timing ceases after the far-end sends answer supervision. If the timer expires, LFS acts as if it had received answer supervision. On senderized operation, the timer begins after the last digit collected is sent. (Seconds, 0-250.) [default = 10]

Button	**Action**
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

CO Trunk Groups: Charge Advice Tab

This screen displays and collects information on converting internal billing to external billing.

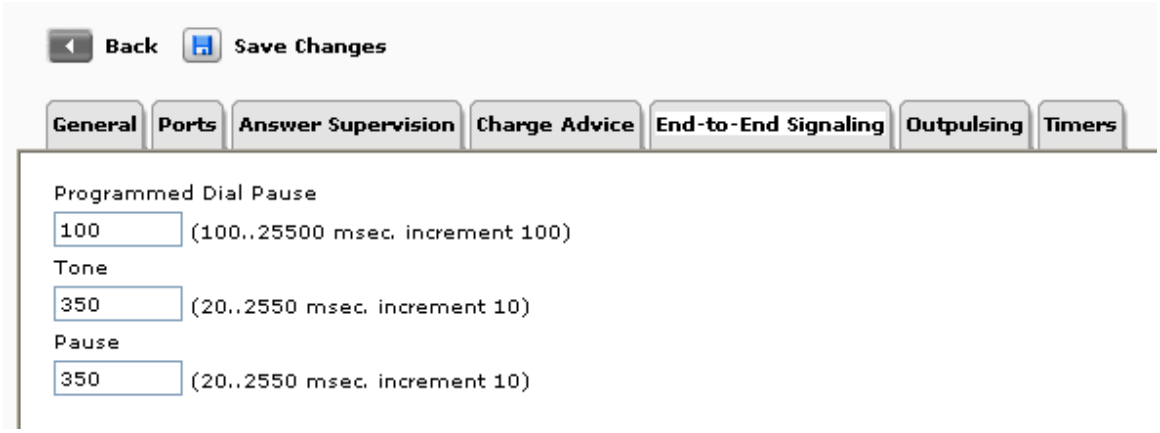


Field	Contains
Charge Conversion	LFS multiplies the number of charge units by the value of this field and displays it as a currency amount. If there is no value in this field, LFS displays the number of charge units without converting it to currency. (Numeric, 1-64,500). [default=1]
Decimal Point	The appropriate representation for a decimal point as it will appear on telephone displays. ("comma", "none", "period") [default = none]
Currency Symbol	Enter the symbol you want to appear on telephone displays before the charge amount.
Charge Type	Enter the words or characters you want to appear on telephone displays after the charge amount. Most likely you will use either the currency symbol or the charge type, bur not both.

Button	Action
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

CO Trunk Groups: End-to-End Signalling Tab

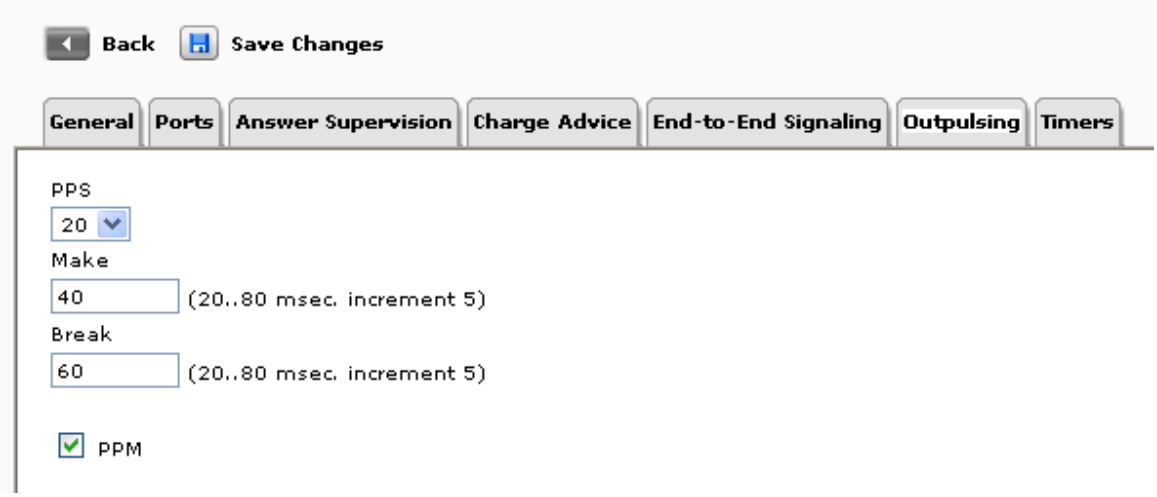
This screen displays and collects information about end-to-end signalling.



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	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

CO Trunk Groups: Outpulsing Tab

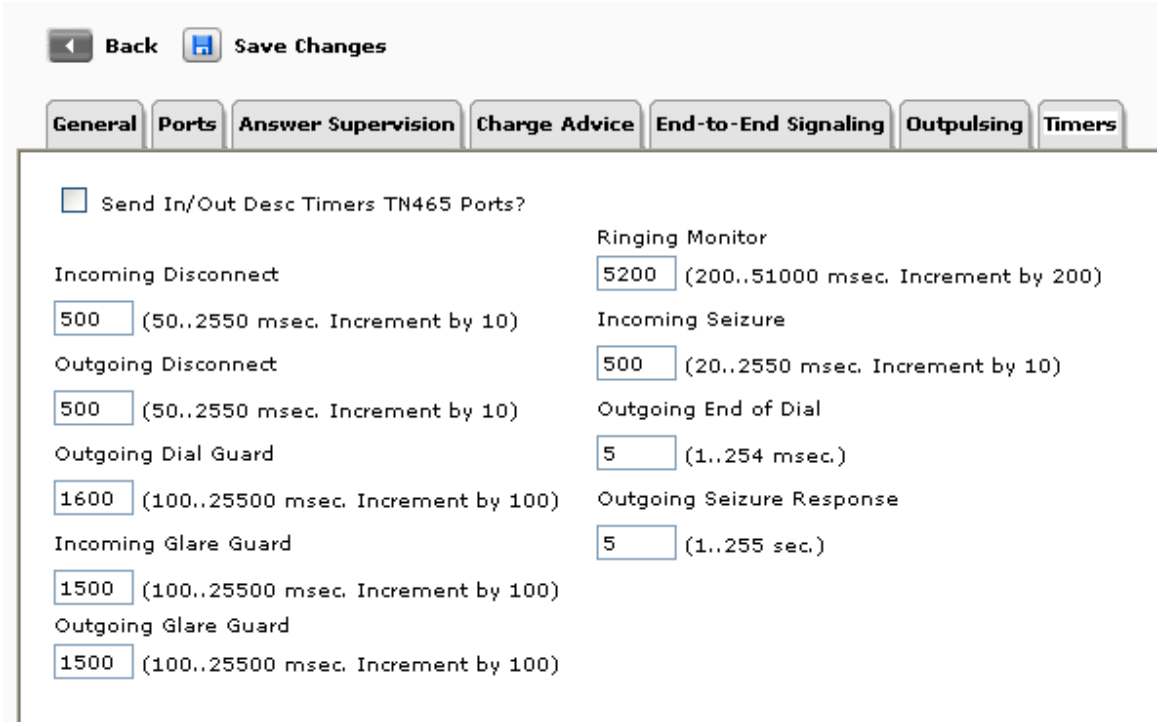


Field	Contains
PPS	The rate (pulses per second) at which outgoing rotary pulses are sent over this trunk group. (10, 20) [default = 10]
Make	The duration of the make interval (the pause between pulses) while the system is outpulsing digits using dial pulse signaling. The field cannot be blank. The sum of make and break value must be equal to 100. (msec, 10-40 increments of 5.) [default=40]
Break	Tthe 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.
PPM	Checkbox. [default = n]

Button	Action
Back	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

CO Trunk Groups: Timers Tab

This screen displays and collects information about trunk timing.



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. (msecs, 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. (msecs, 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.

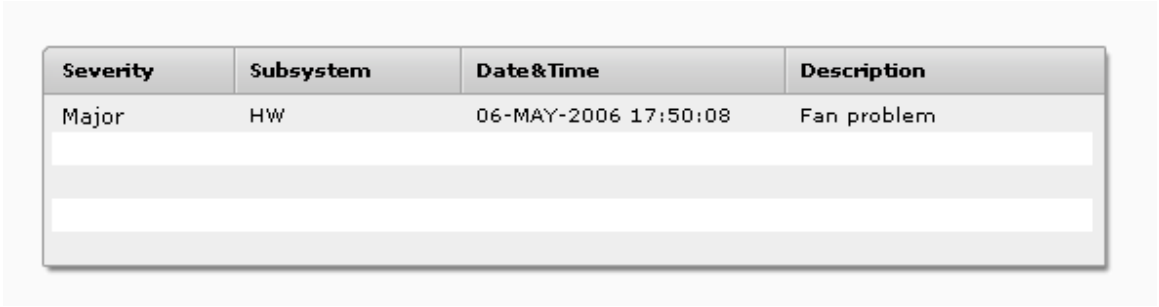
	(msecs, 100-25500 increments of 100.) [default = 1600]
Incoming Glare Guard	The minimum interval that must elapse between a trunk's release from an incoming call and its seizure for an outgoing call. This field cannot be blank. This delay gives the far-end time to release all equipment after the trunk is released. (msecs, 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. (msecs, 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. (msecs, 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. (msecs, 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	Returns to the previous screen or tab without saving any changes.
Save Changes	Saves the new or edited details. Does not return to the previous screen so that multiple adds can be done easily.

Maintenance

Alarms Display

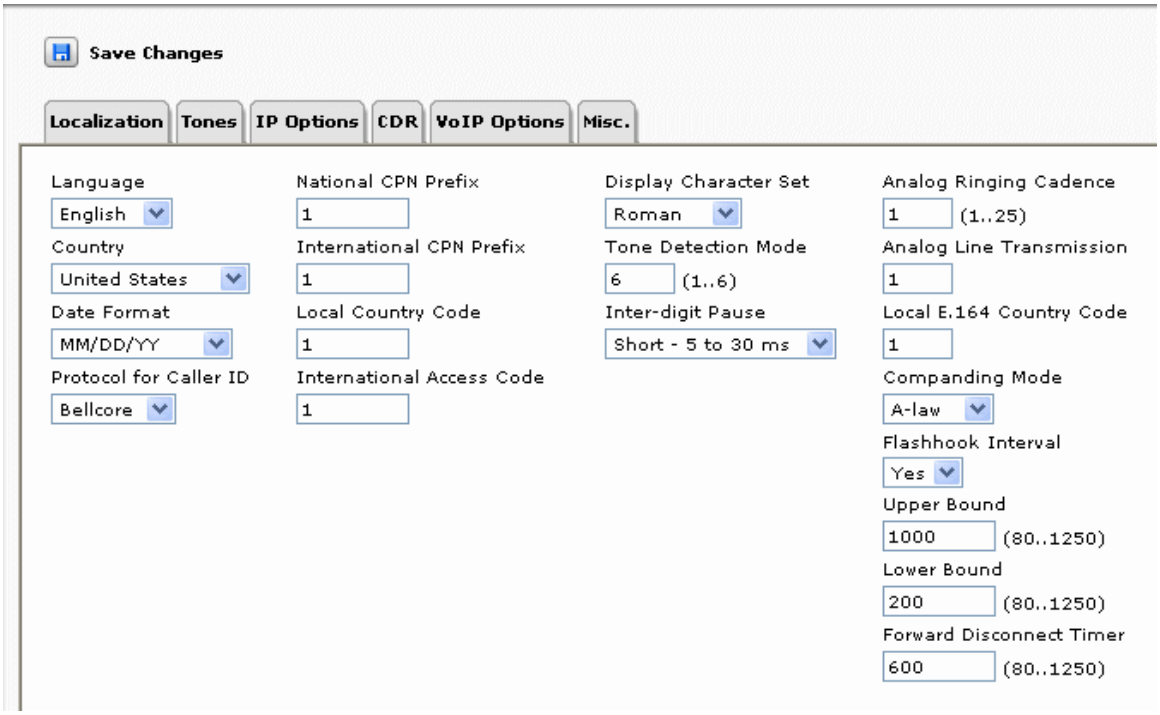
This screen displays a list of alarms:



Column	Contains
Severity	"Critical", "Major", "Minor", "Warning", "Info".
Subsystem	Subsystem name: "HW", "LFS", "LSS", etc.
Date and Time	Date and time when alarm occurred.
Description	A "human readable" description of the alarm.

General System Parameters

General System Parameters: Localization Tab



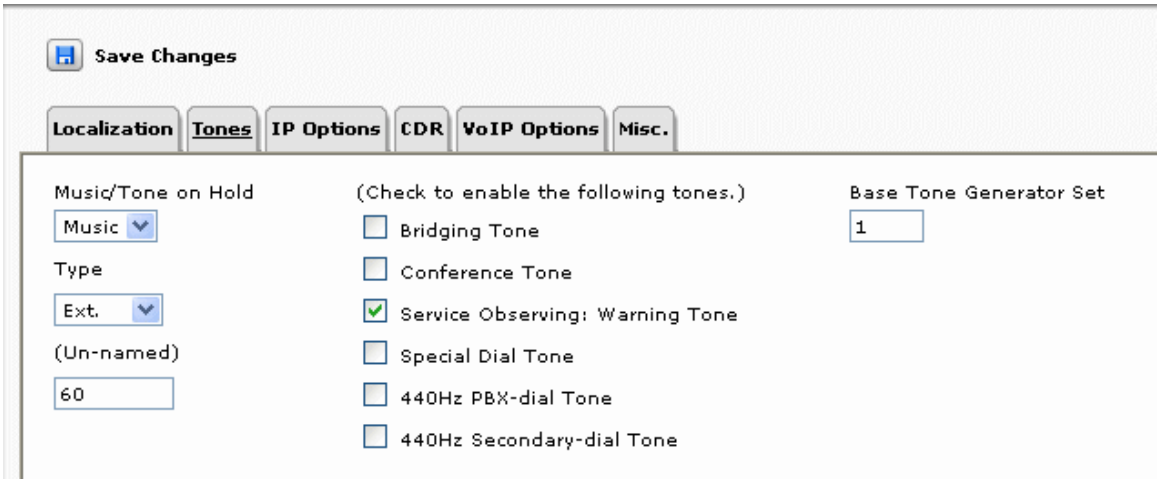
Field	Contains
Language	
Country	
Date Format	"month/day", " day/month". Select the format for the date stamp that begins each record.
Protocol for Caller ID	
National CPN Prefix	1 to 3 digits, (0 to 9), * and # or blank. Enter a number that allows you to apply prefixes to national calling numbers for display.
International CPN Prefix	1 to 5 digits, (0 to 9), * and # or blank. Enter a number that allows you to apply prefixes to international calling numbers for display.
Local Country Code	
International Access Code	

Display Character Set	
Tone Detection Mode	The country code specifies the type of tone detection used on a TN420B (or later) tone-detection circuit pack. [default = 6] 1). Precise Italian tone detection algorithm 2). Precise Australian tone detection algorithm 3). Precise UK tone detection algorithm 4). Imprecise normal broadband filter algorithm (valid with TN420C or later Tone Detector circuit pack) 5). Imprecise wideband filter algorithm (valid with TN420C or later Tone Detector circuit pack) 6). ???
Inter-digit Pause	Specifies the maximum length of the inter-digit pause. Breaks lasting less than this range will be bridged or ignored. [default = short] • short - 5 to 30ms • long - 20 to 40ms
Analog Ringing Cadence	(Numeric, 1-25.) [default=1] The country code identifies the ringing cadence to be used by analog phones in the system.
Analog Line Transmission	(Numeric, 1-25.) [default=1] The country code identifies the transmission and signaling parameters.
Local E.164 Country Code	
Companding Mode	"A-law", "Mu-Law". [default = Mu-Law] Identifies the companding algorithm to be used by system hardware. • A-Law Generally used outside the U.S. • Mu-law Generally used in the U.S.
Flashhook Interval	"Y", "N". [default y]
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.
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.

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

General System Parameters: Tones Tab

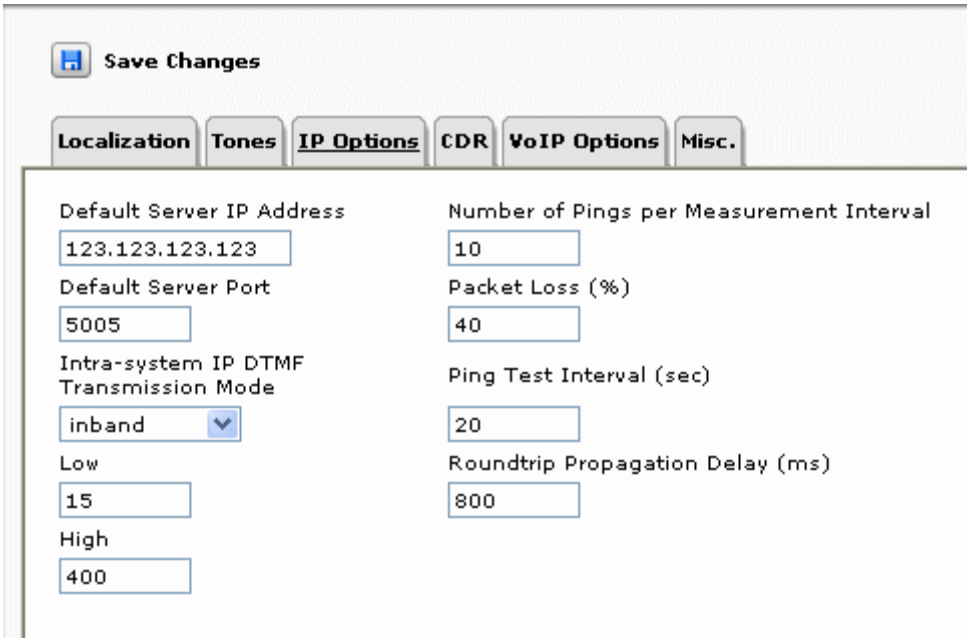


Field	Contains
Music/Tone on Hold	"music", "tone", "none". [default = music]
Type	
Un-named	
Bridging Tone	
Conference Tone	Enter y to provide conference tone as long as three or more calls are in a conference call. [default = n]
Service Observing: Warning Tone	
Special Dial Tone	
440Hz PBX-dial Tone	Checkbox. Specifies whether the switch (primary) dial tone will be changed to a continuous 440Hz/-17 tone.
440Hz Secondary-dial Tone	Checkbox. Specifies whether the Secondary (CO) dial tone will be changed to a continuous 440Hz/-17 tone.
Base Tone Generator Set	The country code identifies the base tone generation set to be used.

Button	Action

Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

General System Parameters: IP Options Tab

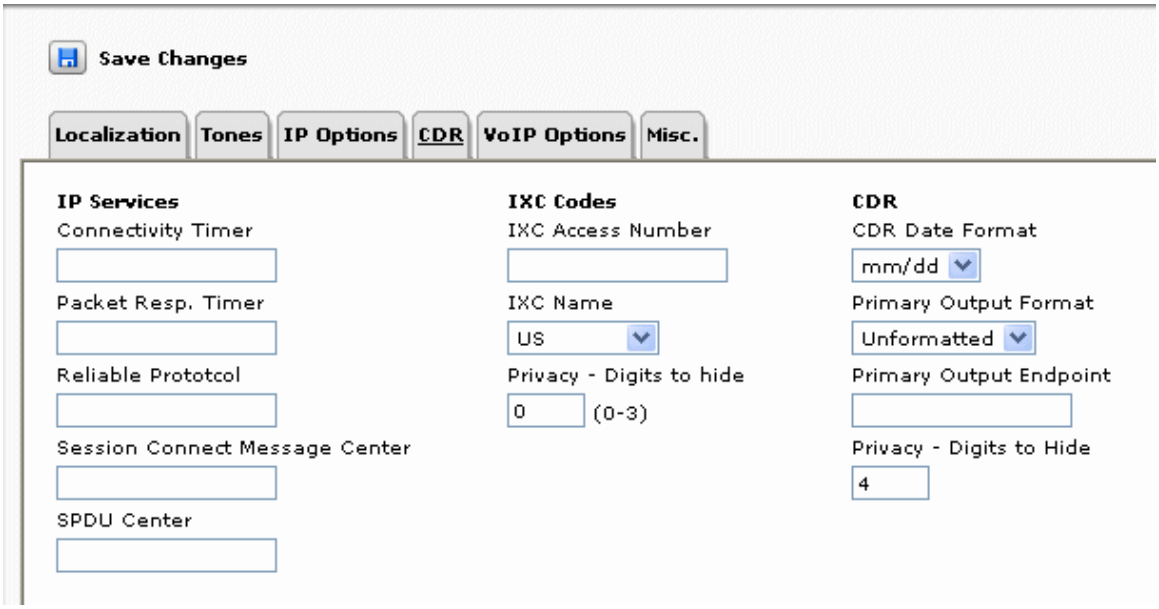


Field	Contains
Default Server IP Address	
Default Server Port	
Intra-system IP DTMF Transmission Mode	
Low	
High	
Number of Pings per Measurement Interval	
Packet Loss (%)	
Ping Test Interval (sec)	
Roundtrip Propagation	

Delay (ms)	

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

General System Parameters: CDR Tab

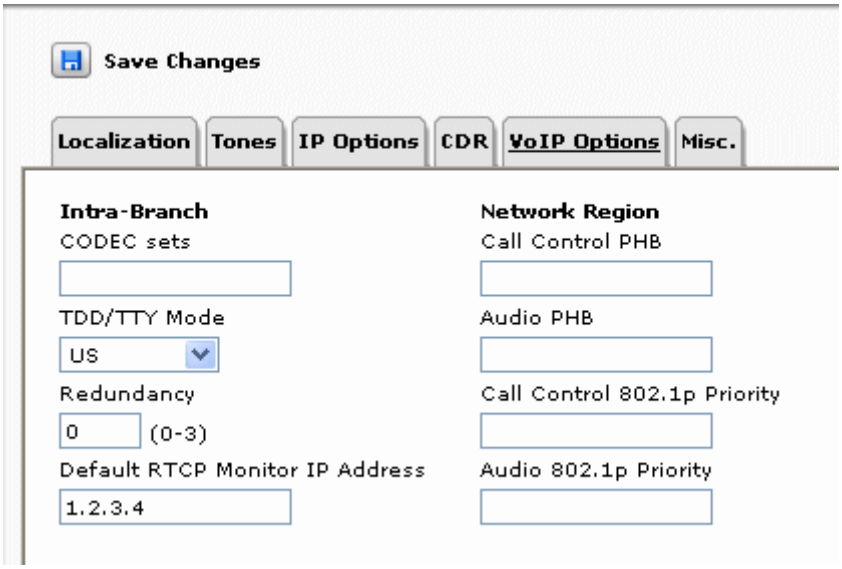


Field	Contains
Connectivity Timer	
Packet Resp. Timer	
Reliable Protocol	
Session Connect Message Center	
SPCU Center	
IXC Access Number	
IXC Name	
Privacy - Digits to hide (IXC Codes)	
CDR Date Format	"month/day", " day/month". Select the format for the date stamp that begins each new day of call records.
Primary Output Format	"customized", "printer", "59-char", "expanded", "lsu", "lsu-expand", "int-direct", "int-isdn", "int-process", "teleseer", "unformatted". [default=unformatted]

Primary Output Endpoint	
Privacy - Digits to hide (CDR)	[default=0 (range: 0-7)] If you enable CDR Privacy on the Station for a given telephone, use this field to indicate how much of the dialed number to hide on the CDR record.

Button	**Action**
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

General System Parameters: VoIP Options Tab

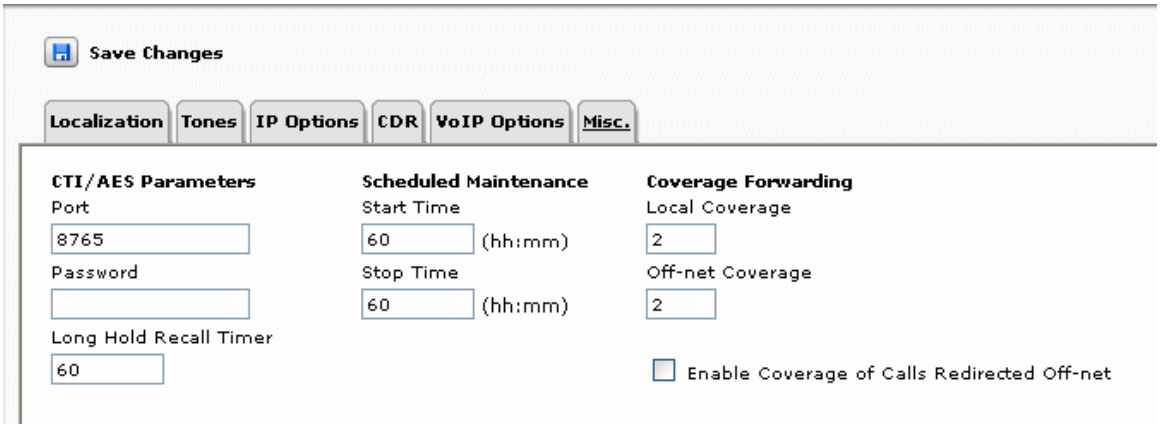


Field	Contains
CODEC sets	
TDD/TTY Mode	"off", "US", "UK", "pass-through". [default=US] • Off - Turn off special TTY handling when using this codec set. In this case, the TTY transmission is treated like an ordinary voice call. With a codec set that uses G.711, this setting is required to send TTY calls to non-Avaya systems. However, there may be errors in character transmissions. • US - For users in regions using this codec, use U.S. Baudot 45.45 mode for TTY transmissions over IP network facilities. • UK - For users in regions using this codec, use U.K. Baudot 50 mode for TTY transmissions over IP network facilities. • pass-through - For users in regions using this codec, use pass-through mode for TTY transmissions over IP network facilities.
Redundancy	(Numeric, 0-3.) Valid only when TDD/TTY Mode = off or = pass-through. The number of duplicate or redundant packets that are sent in addition to the primary packet for all Modes except pass-through and

	Clear-channel. The default is 0.
Default RTCP Monitor IP Address	
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.
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.

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

General System Parameters: Misc Tab



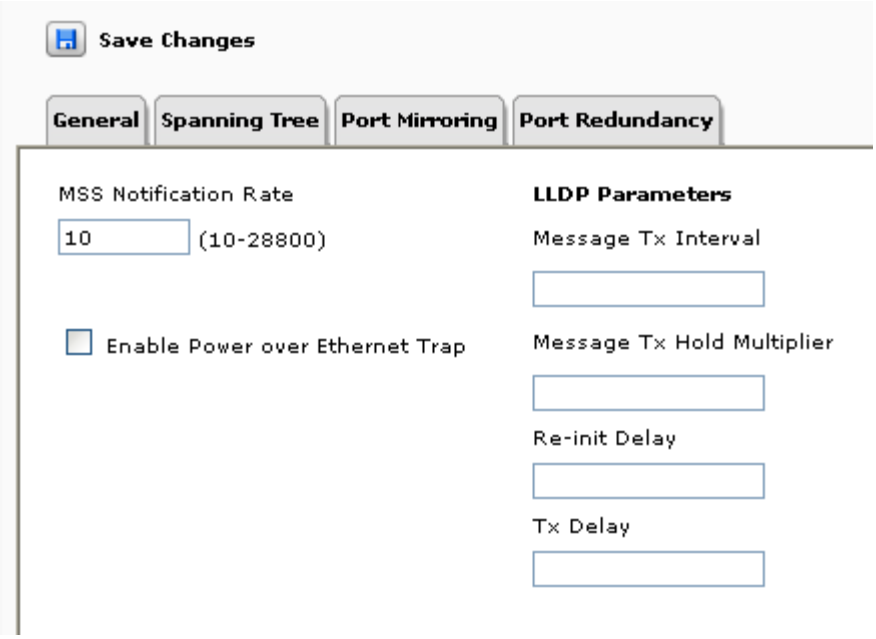
Field	Contains
Port	
Password	
Long Hold Recall Timer	0 to 999. [Default=60] Enter a number between 0 and 999; 0 deactivates the timer. This value is the number of seconds a call can be on hold before the system re-alerts the user to remind them of the call.
Start Time	
Stop Time	
Local Coverage	(Numeric, 1-99.) [default = 2] • 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.
Of-net Coverage	(Numeric, 1-99.) [default = 2] • 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.
Enable Coverage of Calls Redirected Off-net	Checkbox

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

Ethernet

Ethernet: General Tab

The General tab on the Ethernet screen displays basic settings:



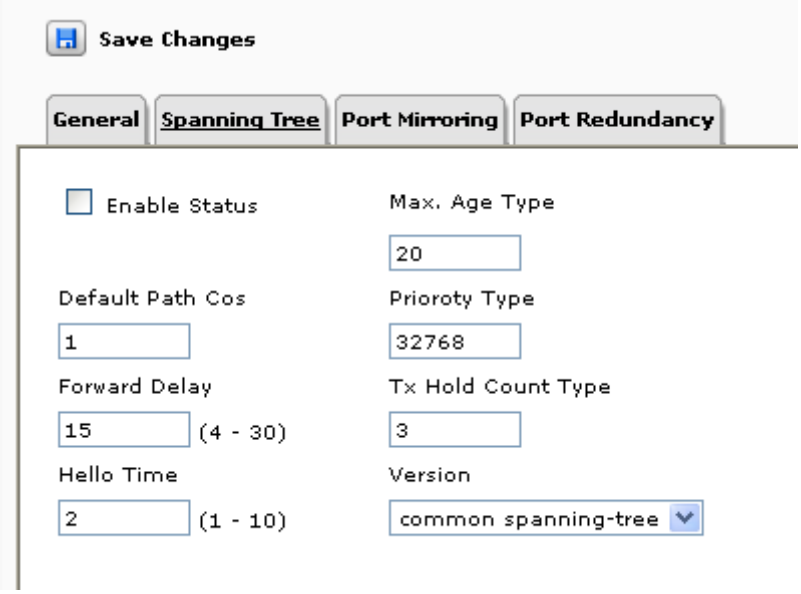
Field	Contains
MSS Notification Rate	
Enable Power over Ethernet Trap	
Message Tx Interval	
Message Tx Hold Multiplier	
Re-init Delay	
Tx Delay	

Button	Action

Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

Ethernet: Spanning Tree Tab

The Spanning Tree tab on the Ethernet screen displays ???:

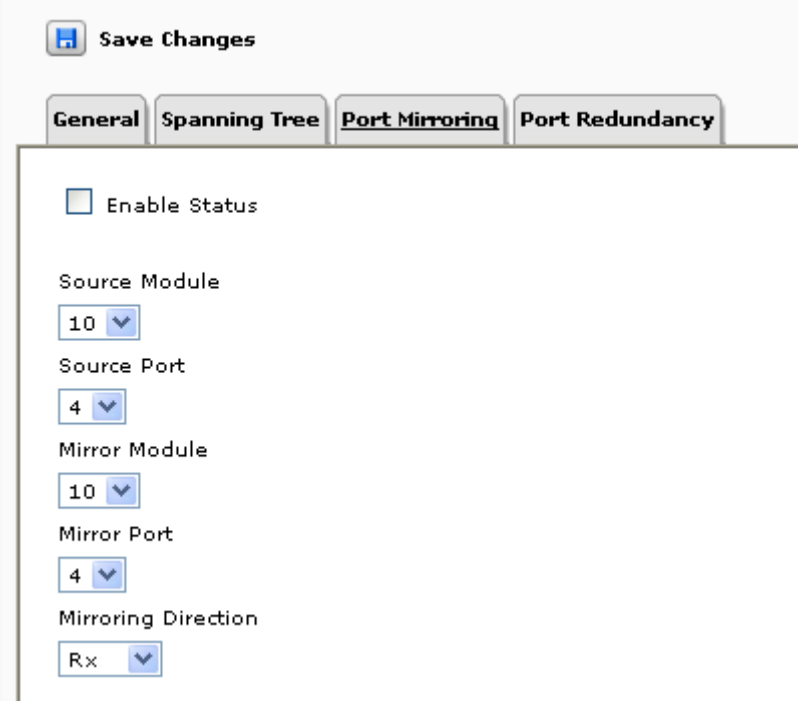


Field	Contains
Enable Status	
Default Path Cos	
Forward Delay	
Hello Time	
Max. Age Type	
Priority Type	
Tx Hold Count Type	
Version	

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

Ethernet: Port Mirroring Tab

The Port Mirroring tab on the Ethernet screen displays ???:

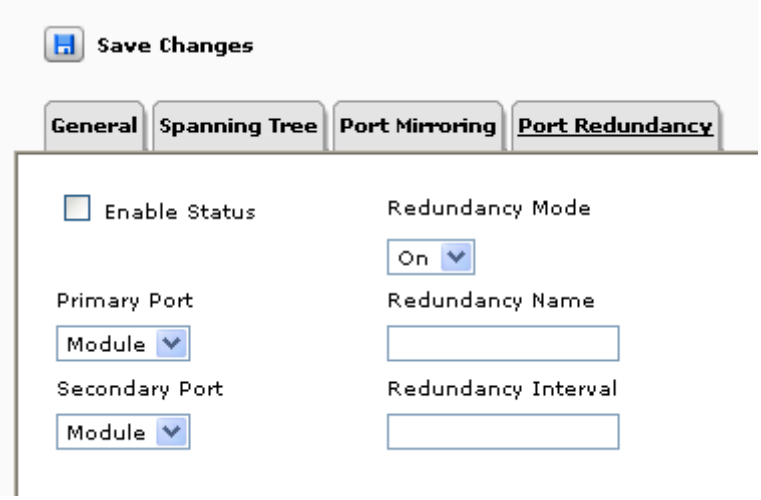


Field	Contains
Enable Status	
Source Module	
Source Port	
Mirror Module	
Mirror Port	
Mirroring Direction	

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

Ethernet: Port Redundancy Tab

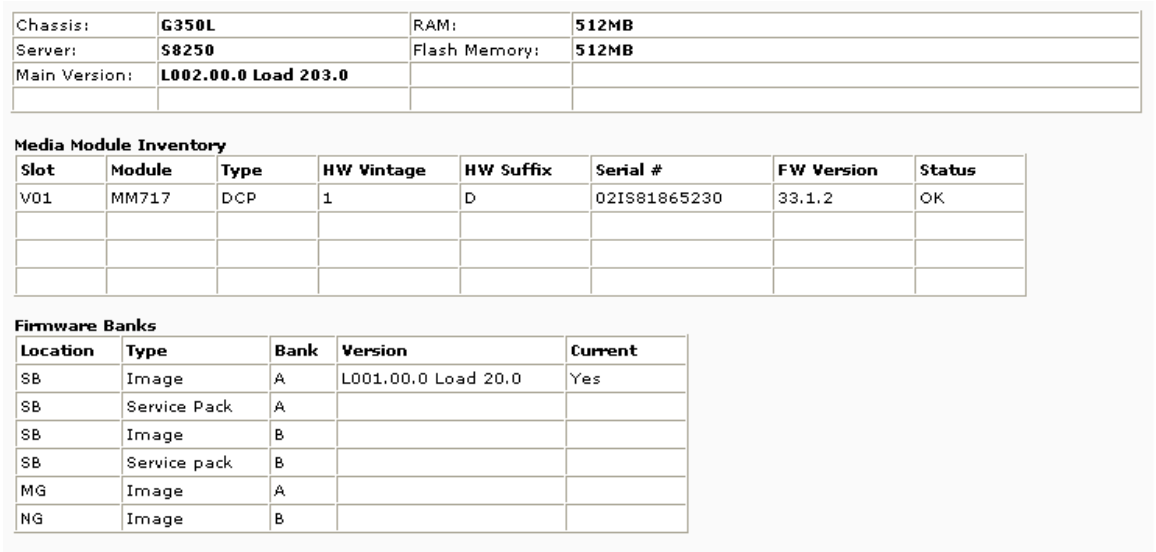
The Port Redundancy tab on the Ethernet screen displays ???:



Field	Contains
Enable Status	
Primary Port	
Secondary Port	
Redundancy Mode	
Redundancy Name	
Redundancy Interval	

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

Inventory Display



Chassis:	G350L	RAM:	512MB
Server:	S8250	Flash Memory:	512MB
Main Version:	L002.00.0 Load 203.0		

Media Module Inventory

Slot	Module	Type	HW Vintage	HW Suffix	Serial #	FW Version	Status
V01	MM717	DCP	1	D	02IS81865230	33.1.2	OK

Firmware Banks

Location	Type	Bank	Version	Current
SB	Image	A	L001.00.0 Load 20.0	Yes
SB	Service Pack	A		
SB	Image	B		
SB	Service pack	B		
MG	Image	A		
NG	Image	B		

Field	Contains
Chassis	
Server	
Main Version	
RAM	
Flash Memory	

Media Module Inventory

Column	Contains
Slot	
Module	
Type	
HW Vintage	
HW Suffix	
Serial #	
FW Version	

Status	

Firmware Banks

Column	Contains
Location	
Type	
Bank	
Version	
Current	

Logging

Log Display

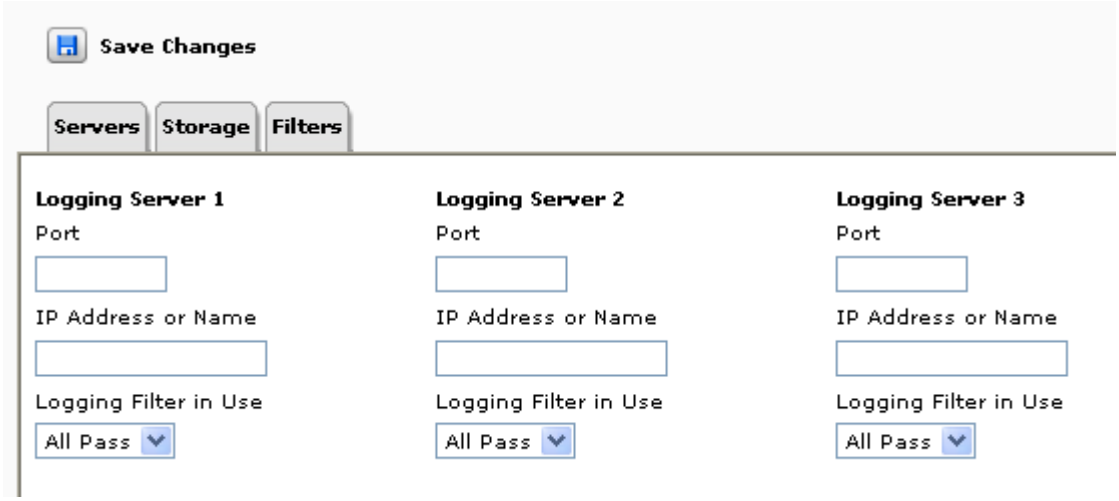
Checkboxes and buttons at the top of the display allow manipulation of the logged data.

TBD

Field/Button	Contains/Action
Select Log Types	Checkboxes for: "All", "Debug Traces", "Restart", "Watchdog".
Select Event Range	Radio buttons for "All", "Today", "Last" (with edit box), "Between" (with date boxes), "Match Pattern" (with edit box and 'Match Case' checkbox).
View Last Button	Refreshes the log view to the last 200 lines in the log file.
Download Log Button	Downloads the selected log data to the browser as a text file.

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:

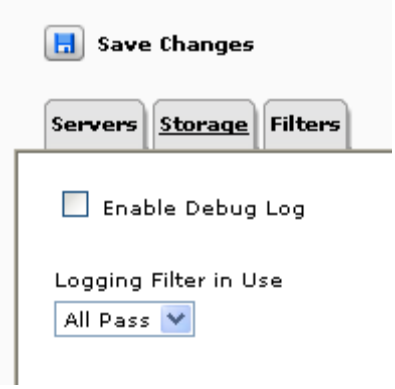


Field	Contains
Port	The port to send logging data records to on this logging server.
IP Address or Name	The IP address or URL for this logging server.
Logging Filter in Use	The logging filter to use to route desired data to this logging server.

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

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:

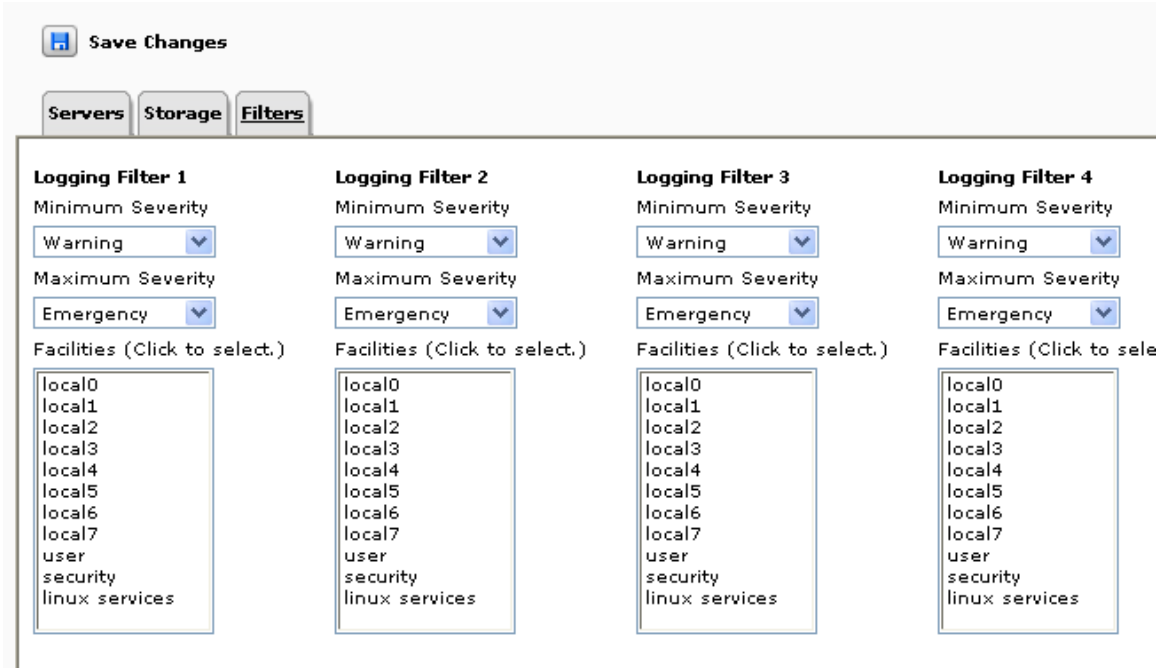


Field	Contains
Enable Debug Log	Check to enable Debug Log.
Logging Filter in Use	Specify the filter to use for the Debug Log.

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

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	"Debug", "Informational", "Notice", "Warning", "Error", "Critical", "Alert", "Emergency".
Maximum Severity	"Debug", "Informational", "Notice", "Warning", "Error", "Critical", "Alert", "Emergency".
Facilities (Click to select.)	

Button	Action
Save Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

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.

Monitor

Monitor: Ethernet Ports

TBD

Monitor: Extensions

TBD

Monitor: LLDP

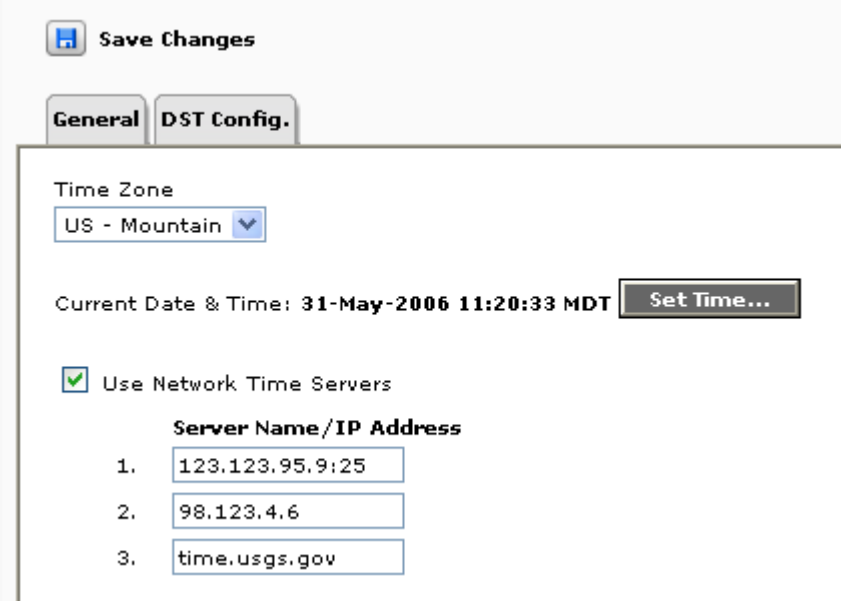
TBD

Monitor: Trunks

TBD

Platform

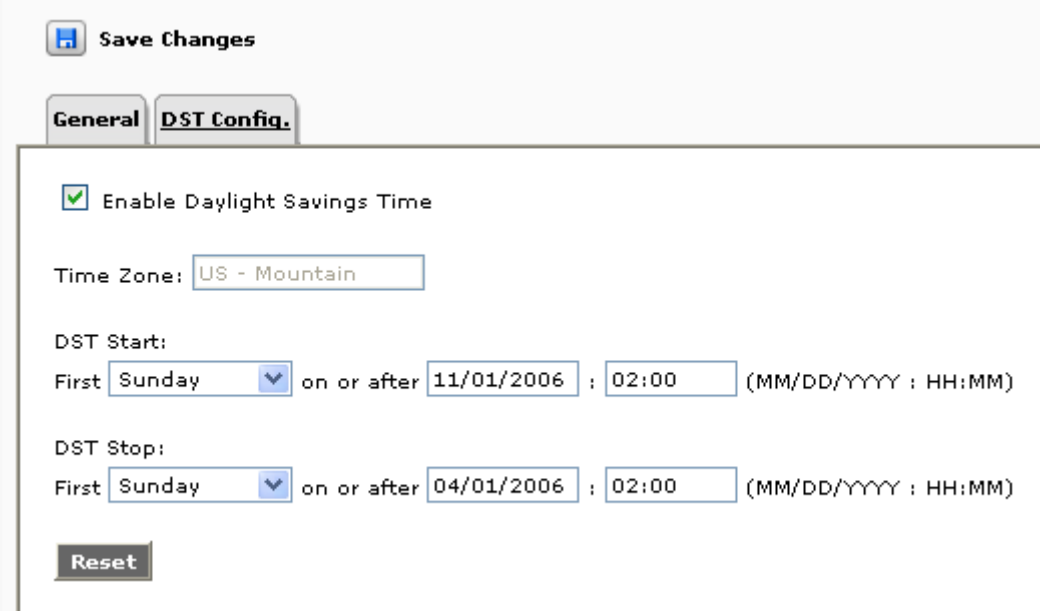
Platform Date and Time: General Tab



Field	Contains
Time Zone	
Use Network Time Servers	Checkbox.
Server Name.IP Address	

Button	Action
Set Time	Opens a set time screen.
Save Changes	Saves the new or edited Platform Date and Time. Does not return to the previous screen so that multiple adds can be done easily.

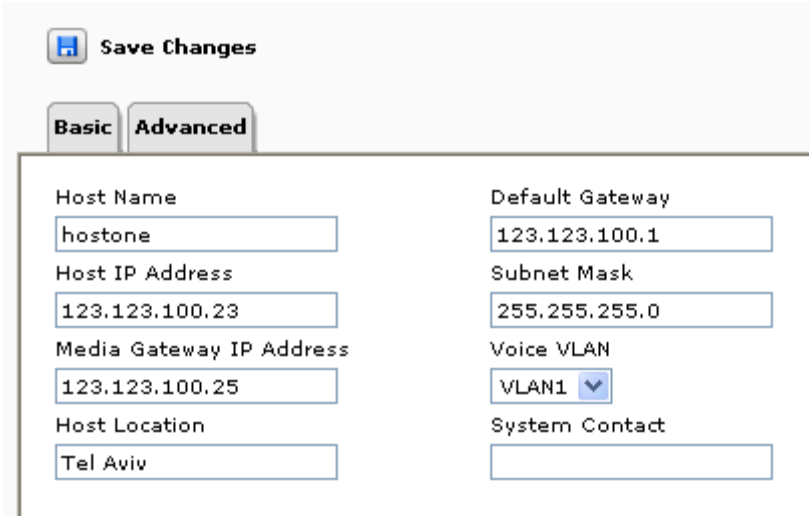
Platform Date and Time: DST Config Tab



Field	Contains
Enable Daylignt Savings Time	Checkbox.
Time Zone	
First	Day of week
on or after	Start date and time

Button	Action
Reset	
Save Changes	Saves the new or edited Platform Date and Time. Does not return to the previous screen so that multiple adds can be done easily.

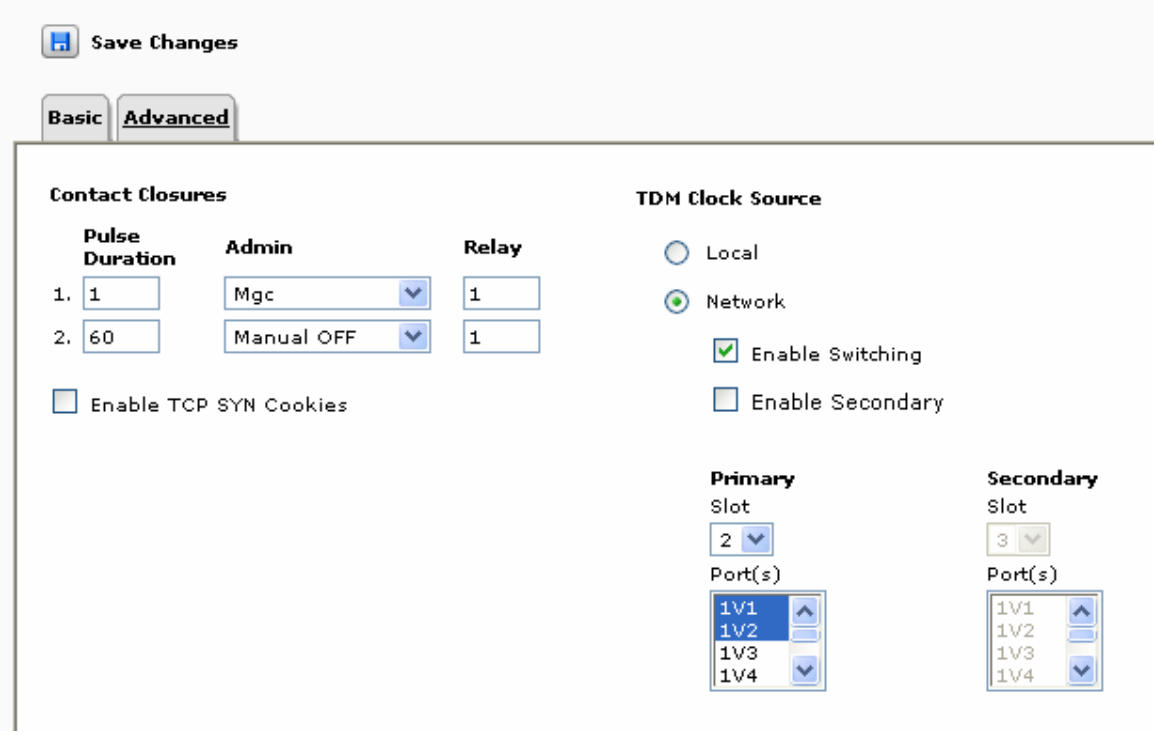
Platform Parameters: Basic Tab



Field	Contains
Host Name	Host name.
Host IP Address	Host IP address.
Media Gateway Address	Media Gateway IP address.
Host Location	
Default Gateway	Default gateway IP address.
Subnet Mask	Subnet Mask.
Voice VLAN	
System Contact	

Button	Action
Save Changes	Saves the new or edited Platform Date and Time. Does not return to the previous screen so that multiple adds can be done easily.

Platform Parameters: Advanced Tab

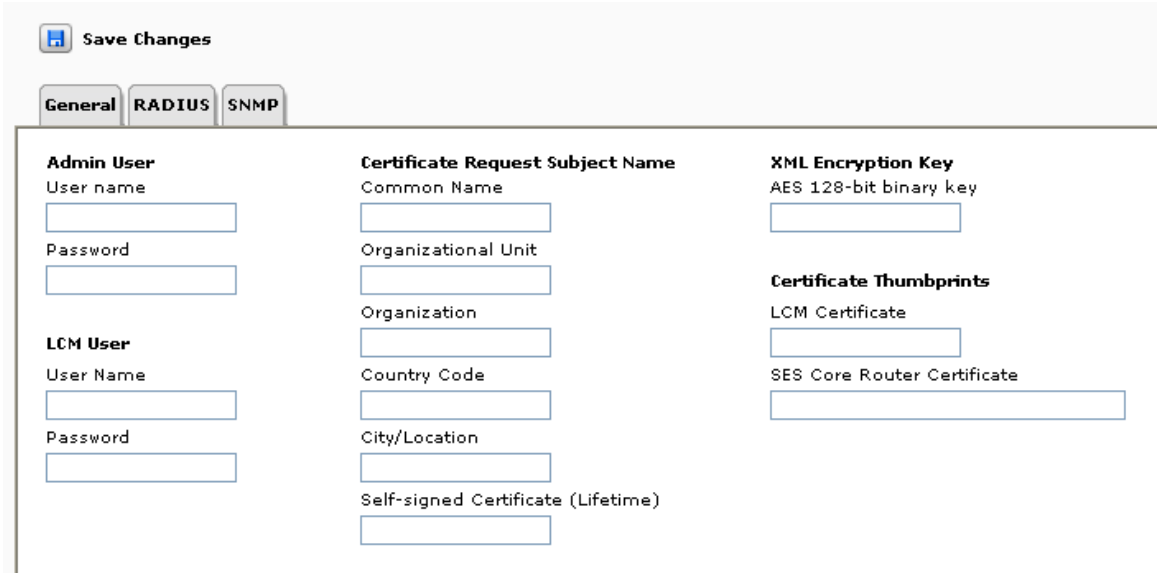


Field	Contains
Pulse Duration	Admin
Admin	
Relay	
Enable TDP SYN Cookies	Checkbox.
TDM Clock Source	"Local", "Network".
Enable Switching	Checkbox. When TDM Clock Source = Network.
Enable Secondary	Checkbox. When TDM Clock Source = Network.
Slot	Slot containing source for TDM Clock.
Port(s)	Port containing souce for TDM Clock.

Button	Action
Save Changes	Saves the new or edited Platform Date and Time. Does not return to the previous screen so that multiple adds can be done easily.

Security

Security: General Tab

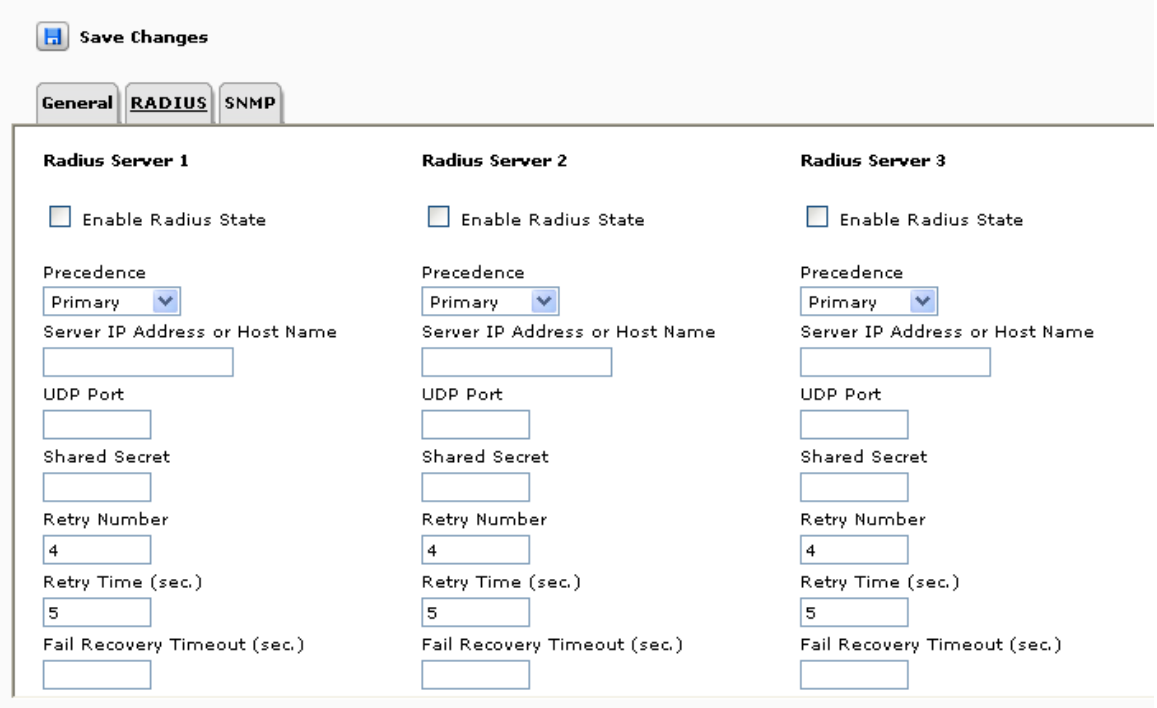


Field	Contains
Admin User Name	
Admin User Password	
DECM User Name	
DECM User Password	
Common Name	
Organizational Unit	
Organization	
Country Code	
City/Location	
Self-signed Certificate (Lifetime)	

AES 128 bit binary key	
DECM Certificate	
SES Core Router Certificate	

Button	Action
Save Changes	Saves the new or edited Security details. Does not return to the previous screen so that multiple adds can be done easily.

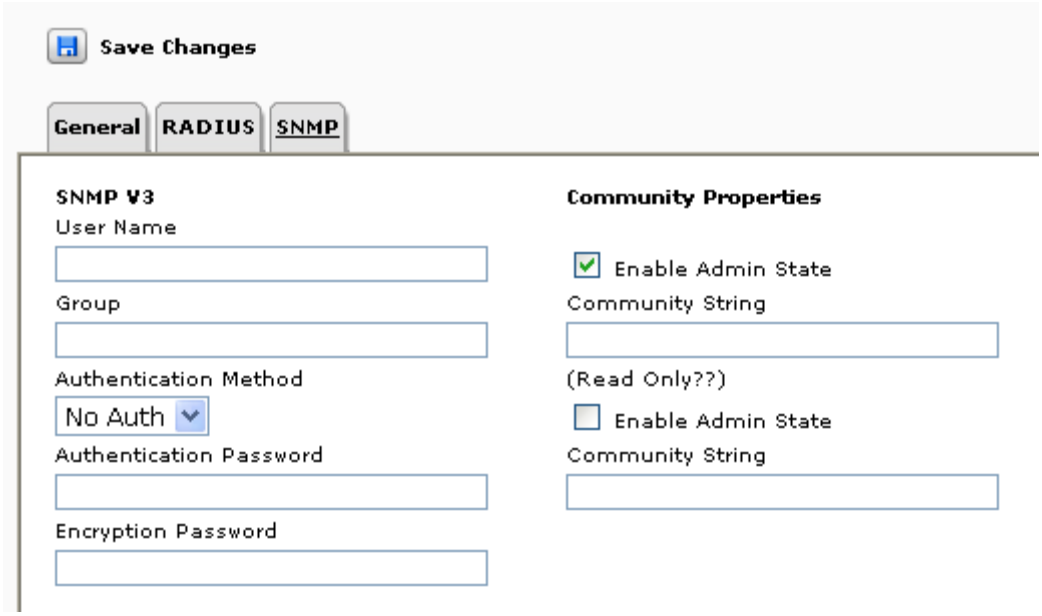
Security: RADIUS Tab



Field	Contains
Enable Radius State	
Precedence	
Server IP Address of Host Name.	
UDP Port	
Shared Secret	
Retry Number	
Retry Time (sec)	
Fail Recovery Timeout (sec)	

Button	Action
Save Changes	Saves the new or edited Security details. Does not return to the previous screen so that multiple adds can be done easily.

Security: SNMP Tab



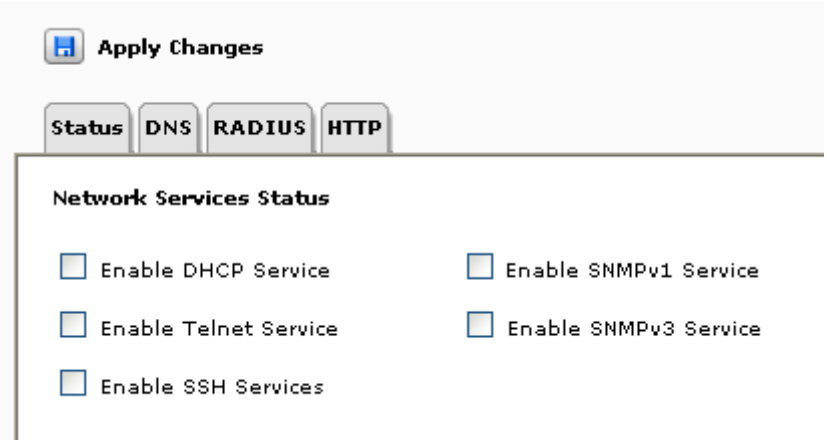
Field	Contains
Admin User Name	
Admin User Password	
DECM User Name	
DECM User Password	
Common Name	
Organizational Unit	
Organization	
Country Code	
City/Location	
Self-signed Certificate (Lifetime)	

AES 128 bit binary key	
DECM Certificate	
SES Core Router Certificate	

Button	Action
Save Changes	Saves the new or edited Security details. Does not return to the previous screen so that multiple adds can be done easily.

Services

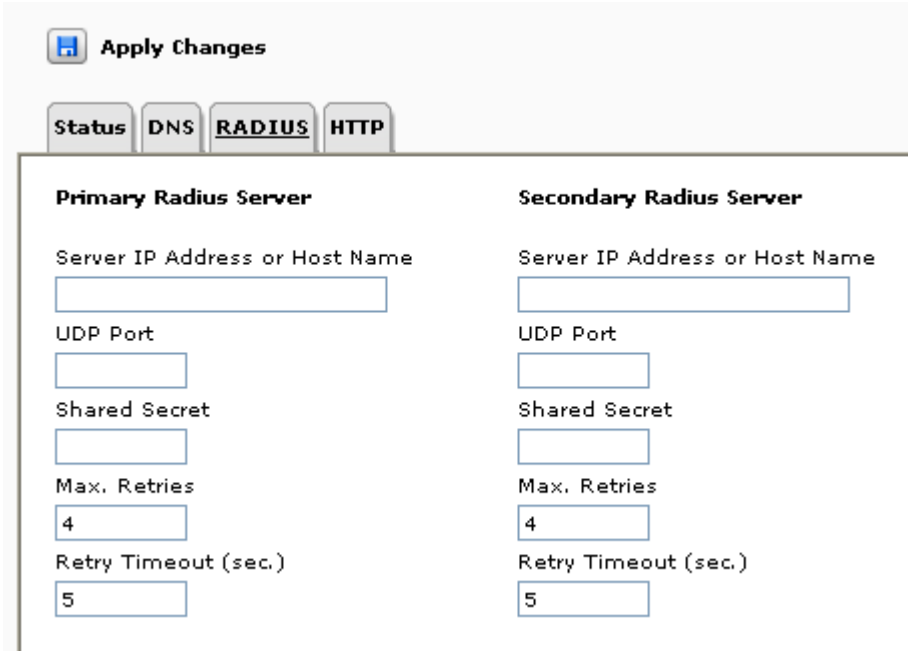
Services: Status Tab



Field	Contains
Enable DHCP Service	Checkbox.
Enable Telnet Service	Checkbox.
Enable SSH Services	Checkbox.
Enable SNMPv1 Service	Checkbox.
Enable SNMPv3 Service	Checkbox.

Button	Action
Apply Changes	Saves the new or edited Services details. Does not return to the previous screen so that multiple adds can be done easily.

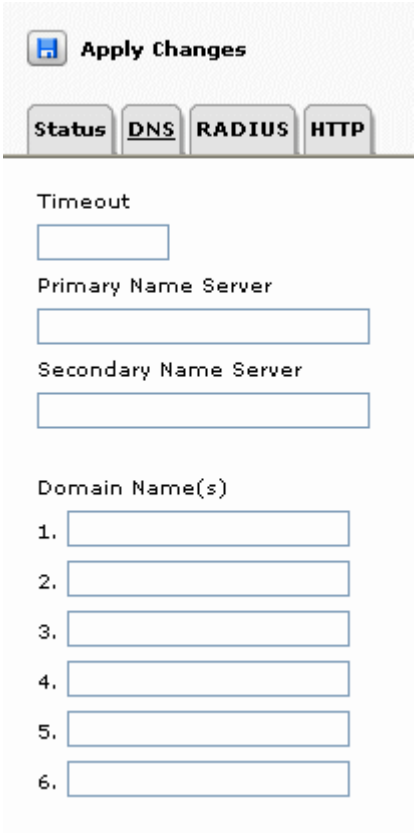
Services: RADIUS Tab



Field	Contains
Server IP Address or Host Name	
UDP Port	
Shared Secret	
Max. Retries	
Retry Timeout (sec)	

Button	Action
Apply Changes	Saves the new or edited Services details. Does not return to the previous screen so that multiple adds can be done easily.

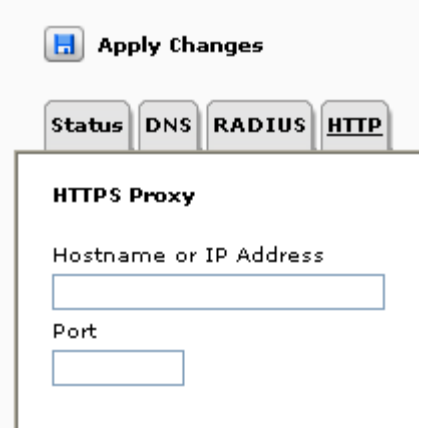
Services: DNS Tab



Field	Contains
Timeout	
Primary Name server	
Secondary Name Server	
Domain Name(s)	

Button	Action
Apply Changes	Saves the new or edited Services details. Does not return to the previous screen so that multiple adds can be done easily.

Services: HTTP Tab

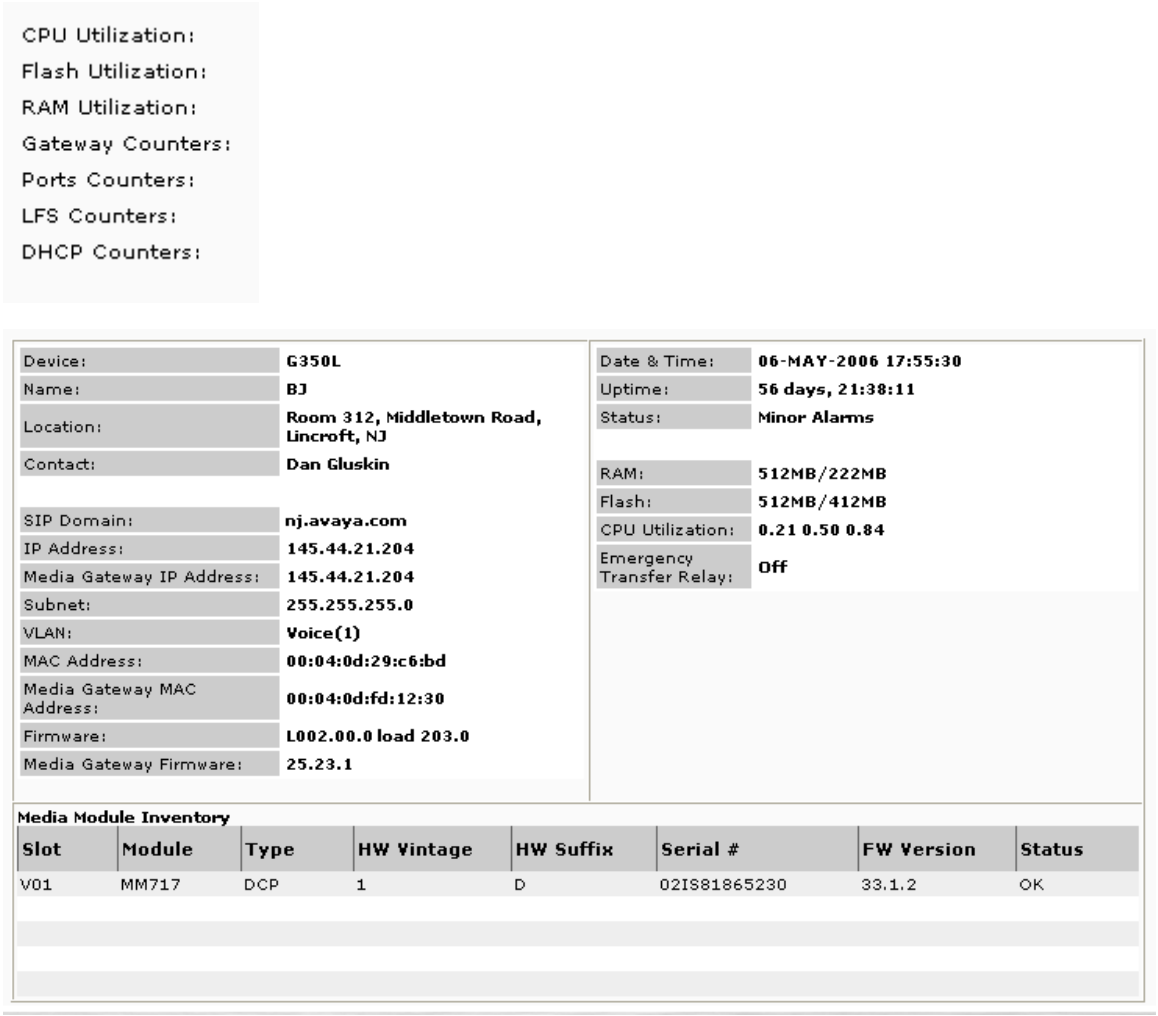


Field	Contains
Hostname or IP Address	
Port	

Button	Action
Apply Changes	Saves the new or edited Services details. Does not return to the previous screen so that multiple adds can be done easily.

System Summary

This screen displays a general summary of the system status.



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).
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.
Date & Time	The date and time of the system status summary.
Uptime	How long the CPU has been up.
Status	The highest active alarm severity. Click this field to link to the Alarm display.
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. "On"," Active",| Active (off-hook)", or "Off".
Current TDM Clock Source	"Primary", "Secondary", or "Local"

If the Local Branch Administration 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.
SW Version	The software version number.
Status	The status of the module alarm LED.
Test	This button activates a media module test procedure.

Other

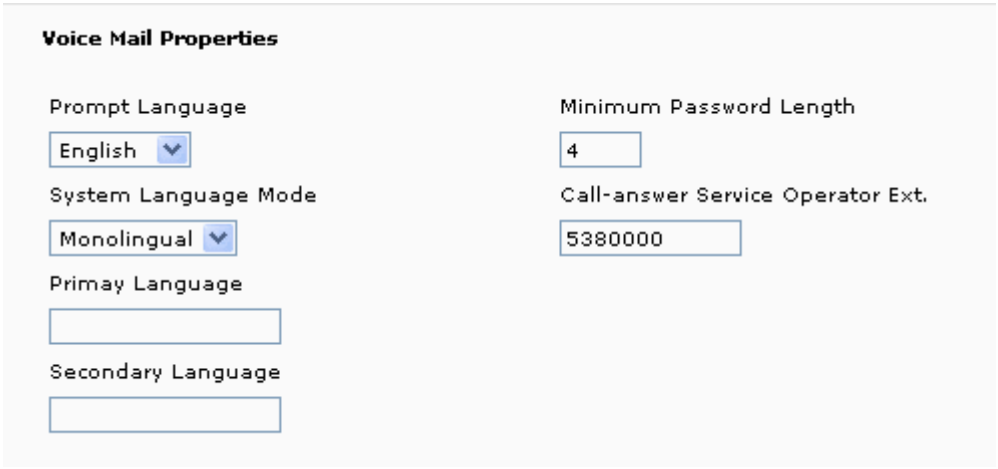
Single Line Extension

(TBD)

Field	Contains

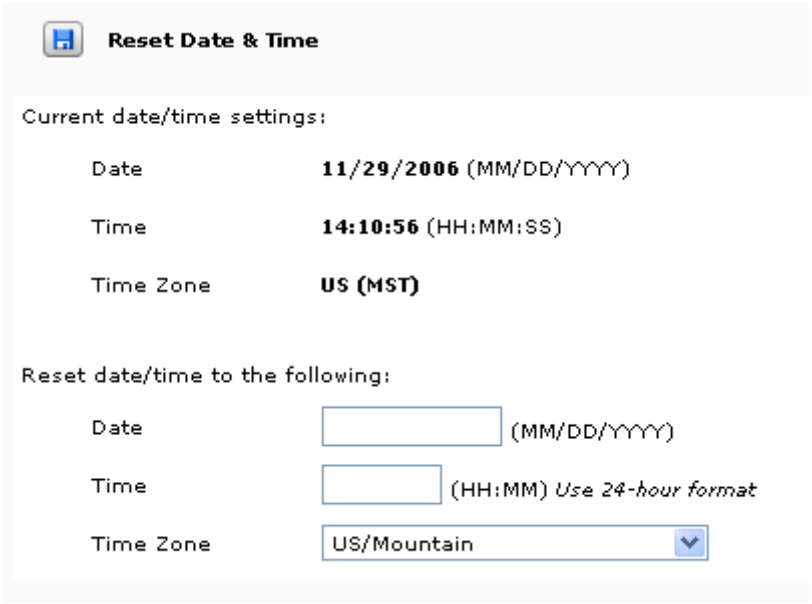
Button	Action

Voicemail Properties



Field	Contains
Prompt Language	
System Language Mode	
Primary Language	
Secondary Language	
Minimum Password Length	
Call-answer Service Operator Ext.	

Set Date and Time



Field	Contains
Date	Desired date.
Time	Desired time.
Time Zone	Desired time zone.

Button	Action
Reset Date & Time	Resets date and time to the specified values.

Feature Access Codes

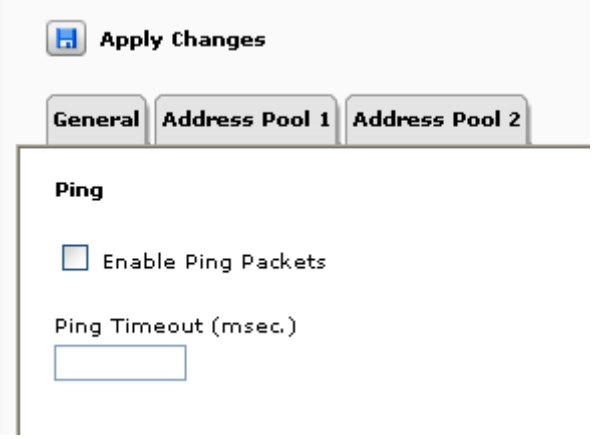
Feature	Usage
Abbreviated Dialing List1 Access Code	Used to access AD list 1.
Abbreviated Dialing List2 Access Code	Used to access AD list 2.
Answer Back Access Code	Used to retrieve parked calls.
Auto Alternate Routing (AAR) Access Code	Used to access AAR.
Auto Route Selection (ARS) - Access Code 1	Used to access ARS. User may have one ARS access code for local and one for long distance, and route accordingly.
Automatic Callback Activation	Used to activate/cancel Automatic Callback.
Automatic Callback Deactivation	Used to deactivate Automatic Callback.
Announcements	Used to record announcements.
Call Forwarding Activation Busy/DA	Used to forward calls to an administered number if the user is busy or does not answer.
(Call Forwarding Activation) All	Used to forward calls to an administered number for all calls.
Call Forwarding Deactivation Busy/DA	Used to deactivate call forwarding.
Call Park Access Code	Used to park an active call, which can then be retrieved from a different station using the answer back access code.
Call Pickup Access Code	Used to answer a call directed to a pickup group.
CDR Account Code Access	Used prior to entering an account code for CDR purposes.

Code	
Contact Closure Open Code	Used to open a contact closure relay.
Contact Closure Close Code	Used to close a contact closure relay.
Contact Closure Pulse Code	Used to pulse a contact closure relay.
Data Privacy Access Code	Used to isolate a data call from call waiting or other interruptions.
Directed Call Pickup Access Code	Used to establish directed call pickup.
Enhanced EC500 Activation	Used to activate extension to cellular where calls to an office number are extended to a cell telephone.
Enhanced EC500 Deactivation	
Extended Call Fwd Activate Busy D/A	Used to activate call forwarding from a telephone or remote location.
Extended Call Fwd Activate All	Used to activate call forwarding from a telephone or remote location.
Extended Call Fwd Deactivation	Used to deactivate call forwarding from a telephone or remote location.
Facility Test Calls Access Code	Used to place activate a facility test call.
Flash Access Code	Used to generate trunk flash. This code ensures that the flash signal is interpreted by the central office switch, rather than by LFS.
Hunt Group Busy Activation	Hunt Group members can dial these codes to place themselves in a busy state, and to become available again.
Hunt Group Busy Deactivation	Hunt Group members can dial these codes to place themselves in a busy state, and to become available again.
Last Number Dialed Access Code	Used to redial the last number dialed from this station.
Malicious Call Trace Activation	Used to activate a trace request on a malicious call.

Malicious Call Trace Deactivation	Used to deactivate a trace request on a malicious call.
Per Call CPN Blocking Code Access Code	If CPN 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.
Refresh Terminal Parameters Access Code	Used to update terminal parameters on an individual telephone when system settings have changed.
Remote Send All Calls Activation	Used to activate or deactivate the Send All Calls feature. Requires console permissions.
Remote Send All Calls Deactivation	Used to activate or deactivate the Send All Calls feature. Requires console permissions.
Station User Button Ring Control Access Code	Used to control the ring behavior for each line appearance and bridged appearance from the station. Allows users to have their phones ring either silently or audibly.
Terminal Dial-Up Test Access Code	Used to perform 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.
CAS Remote Hold/Answer Hold-Unhold	Used by a Centralized Attendant Service (CAS) attendant to place calls on hold and answer calls held at a remote server running LFS. This FAC can also be used by an analog station. Flashing the switch-hook for the proper interval (between 200 and 1000 ms) while talking on an existing call causes the existing call to be placed on soft hold, allowing the analog user to dial the Answer Hold-Unhold FAC to Hard hold the call.
CAS Remote Answer Unhold	

Networking

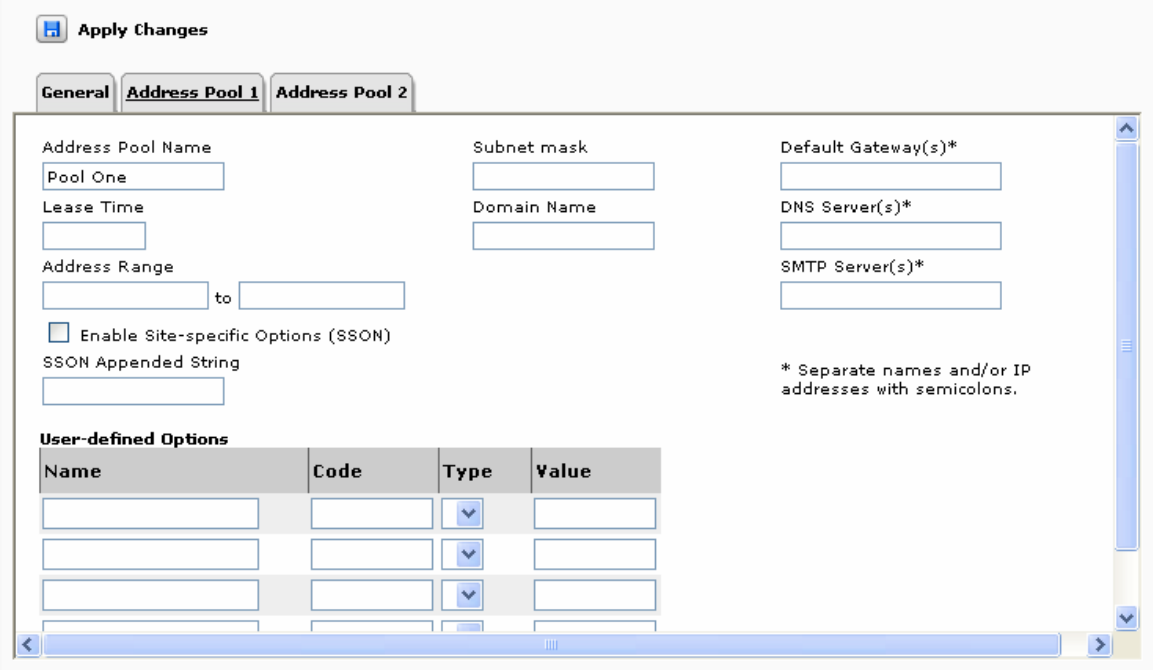
DHCP: General Tab



Field	Contains
Enable Ping Packets	Checkbox.
Ping Timeout (msec)	

Button	Action
Apply Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

DHCP: Address Pool 1 Tab

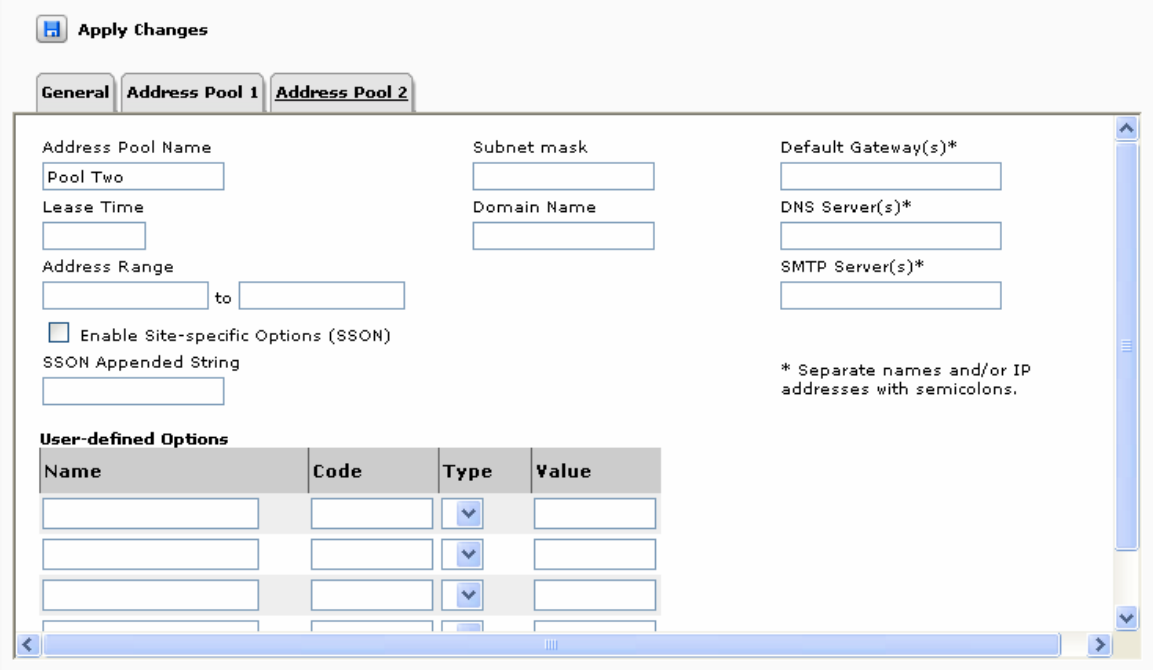


Field	Contains
Address Pool Name	
ease Time	
Address Range	
Enable Site-specific Options (SSON)	
SSON Appended String	
Subnet Mask	
Domain Name	
Default Gateway(s)	
DNS Server(s)	
SMTP Server(s)	

Column	Contains
Name	
Code	
Type	
Value	

Button	Action
Apply Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

DHCP: Address Pool 2 Tab



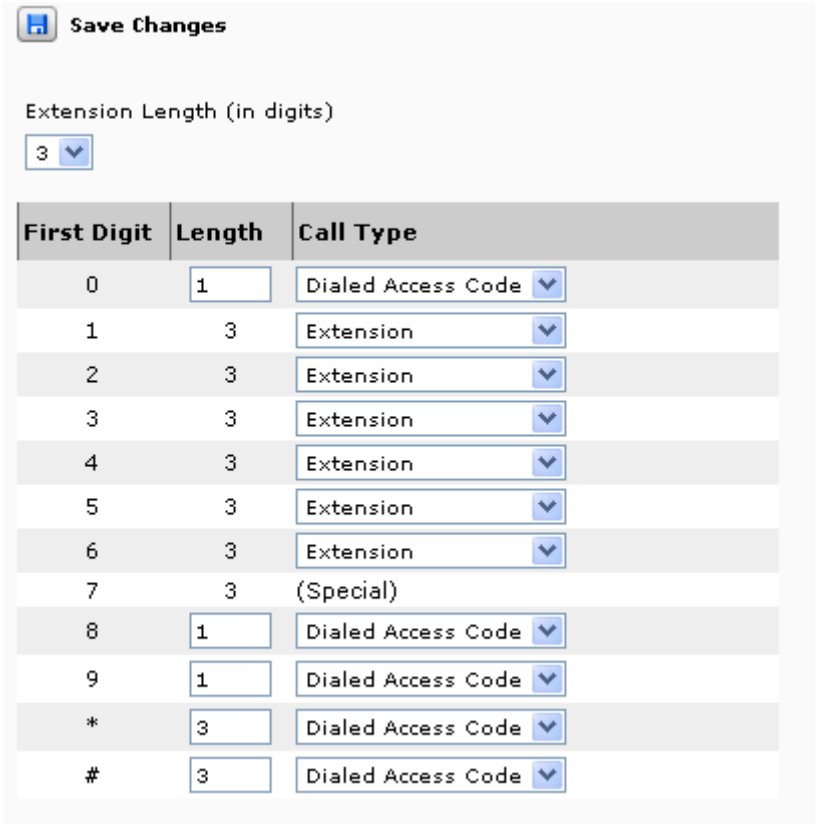
Field	Contains
Address Pool Name	
ease Time	
Address Range	
Enable Site-specific Options (SSON)	
SSON Appended String	
Subnet Mask	
Domain Name	
Default Gateway(s)	
DNS Server(s)	
SMTP Server(s)	

Column	Contains
Name	
Code	
Type	
Value	

Button	Action
Apply Changes	Saves the new or edited Abbreviated Dialing List details. Does not return to the previous screen so that multiple adds can be done easily.

Dial Plan

This screen displays and collects data about the dial plan.



Field	Contains
First Digit	One row for each possible first digit (9-0, #, *)
Length	dac – 1-4 ext – 1-7
Call Type	"ext", "dac:. • 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. 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." 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. Note: ALL extensions MUST be of the SAME length

Button	Action
Save Changes	Saves the new or edited details.

Dial Plan Analysis

The dial plan analysis table will be fully administrable by the customer, within these guildelines:

- 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

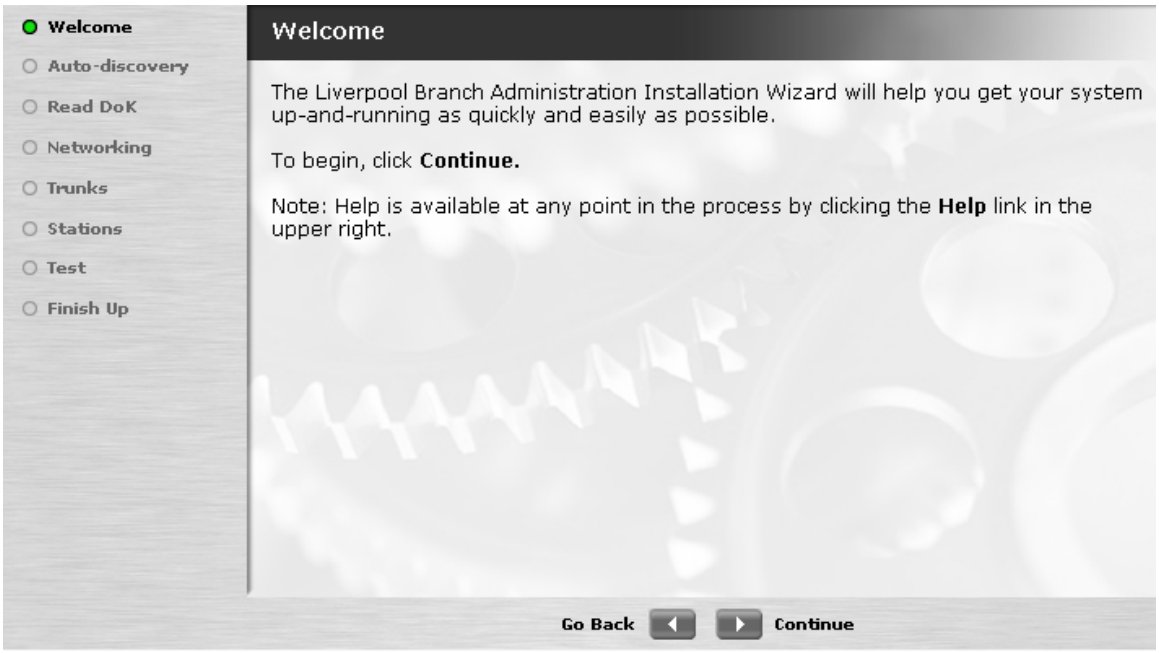
1. You cannot put an entry into the public-unknown-numbering-plan that is inconsistent with the dialplan-analysis.
2. All patterns in the public-unknown are considered extension.
3. You specify the length and starting digit pattern (the first two columns). These must match (exactly or be a subset of)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

Rationale: 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).

Installation Wizard

Installation Wizard: Step 1: Welcome

Use this wizard for initial system setup.



Button	Action
???	
Continue	Continues to next step.

Installation Wizard: Step 2: Auto-Discovery

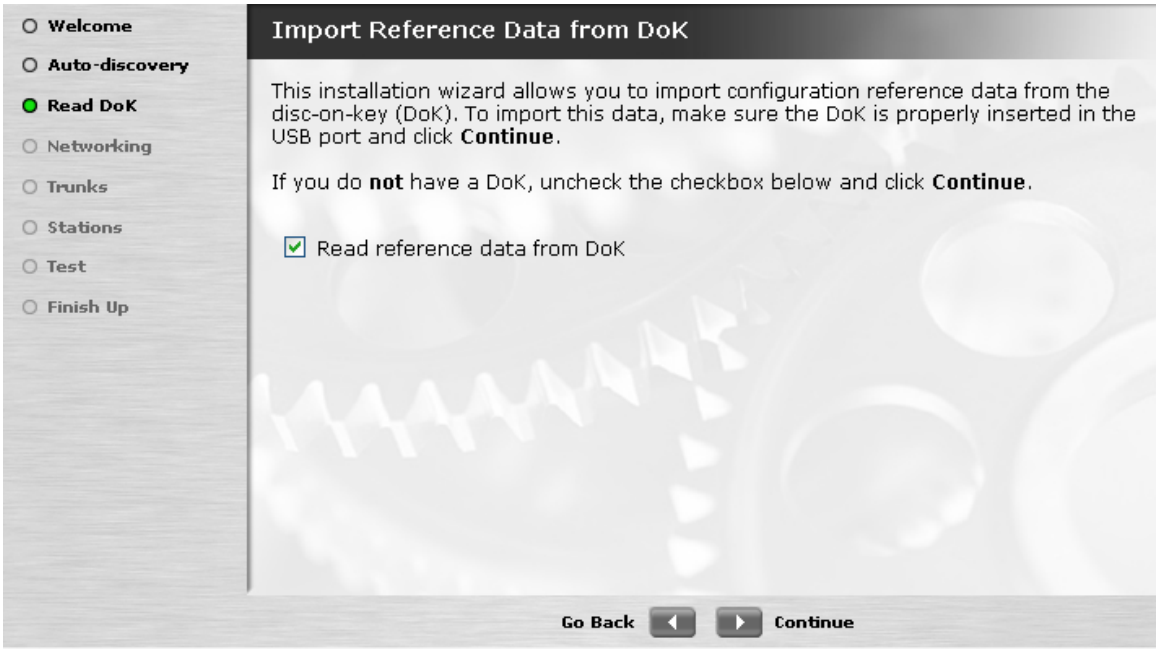
This screen displays information about this installation.

Field	Contains
Gateway Type	Gateway model (G050, G250, G350). Display only.
Media Gateway Serial Number	Display only.
Avaya Communication Manager Software Version	Display only.

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Installation Wizard: Step 3: Read DoK

This screen allows pre-configuration data to be loaded from a USB drive (Disk on Key).

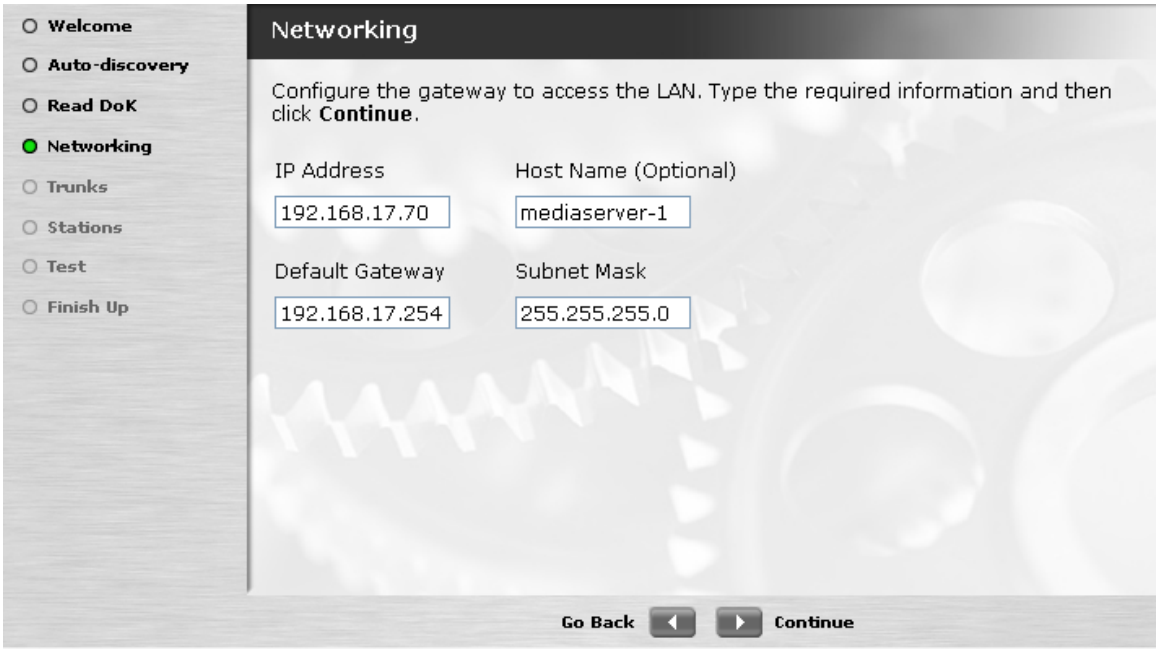


Field	Contains
Read reference data from DoK	Checkbox.

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Installation Wizard: Step 4: Networking

This screen displays and collects network connection information.

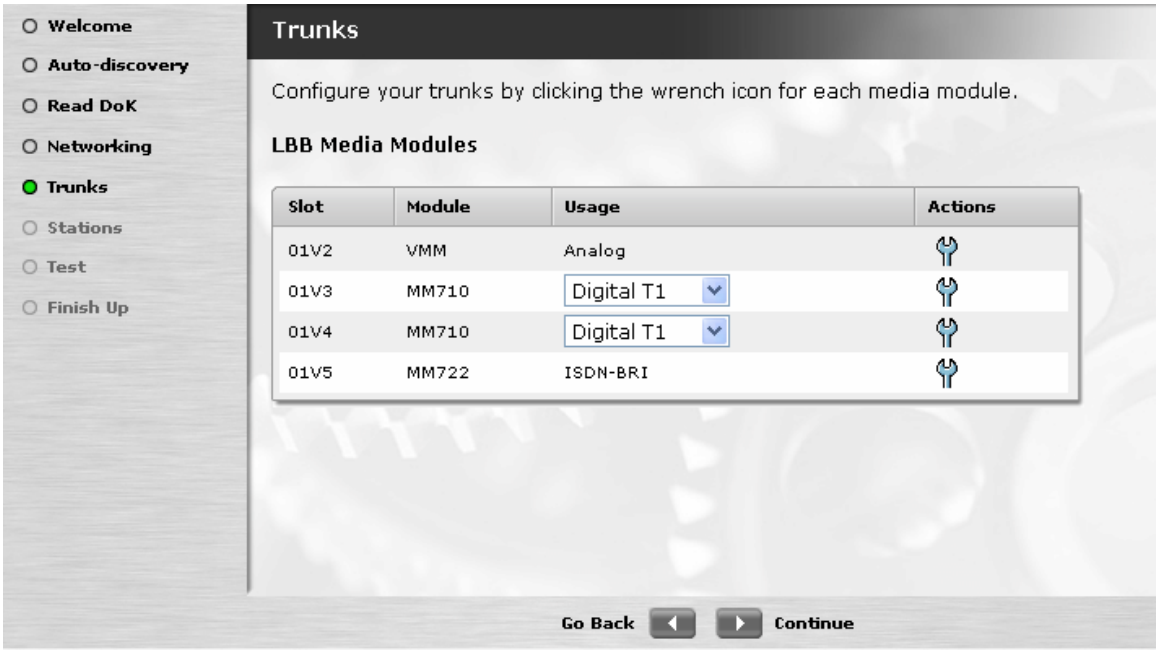


Field	Contains
IP Address	The IP Address of the CPU running Local Branch Administration.
Default Gateway	The IP Address of the default gateway.
Host Name (Optional)	The name of this computer. Optional.
Subnet Mask	The subnet mask applicable to the Control-LAN.

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Installation Wizard: Step 5: Trunks: Media Modules List

This screen displays and collects information about media modules installed in the system.

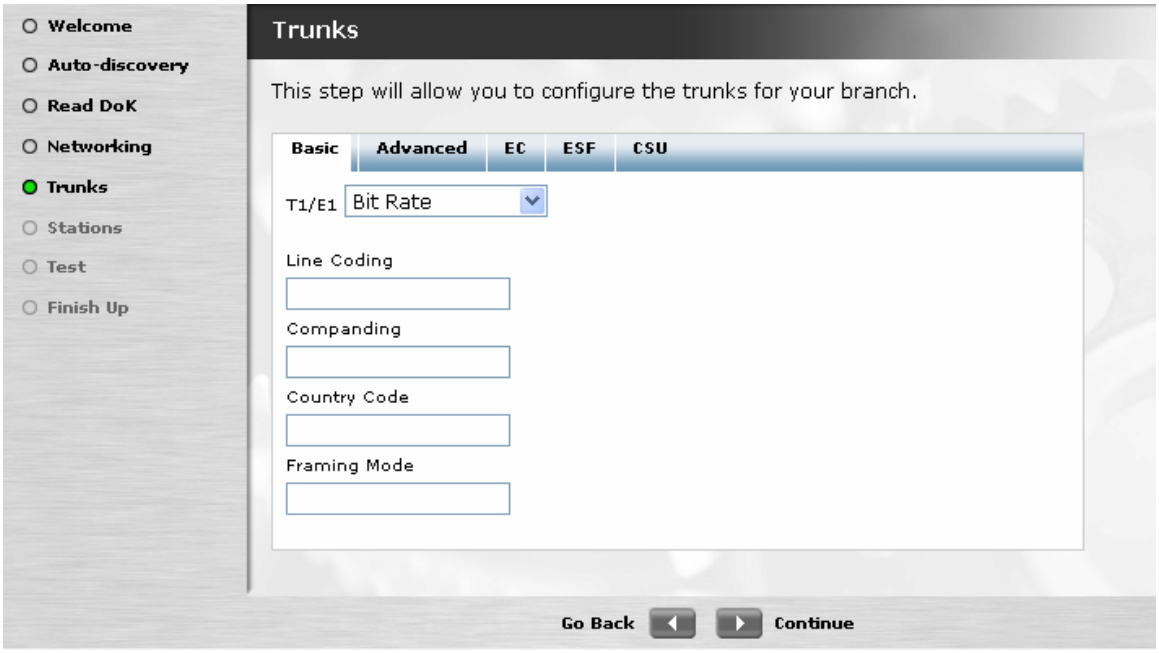


Column	Contains
Slot	Chassis and slot number containing the media module.
Module	For configurable modules, a drop-down list allows selection of line type: "Digital T1" or "ISDN PRI T1".
Usage	For configurable modules, a drop-down list allows selection of line type: "Digital T1" or "ISDN PRI T1". Other module types may show "Analog" or "ISDN-BRI".
Actions	Click on wrench icon to access or adjust module details.

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Installation Wizard: Step 5: Trunks: Basic Tab

This screen displays or collects basic information about each trunk.

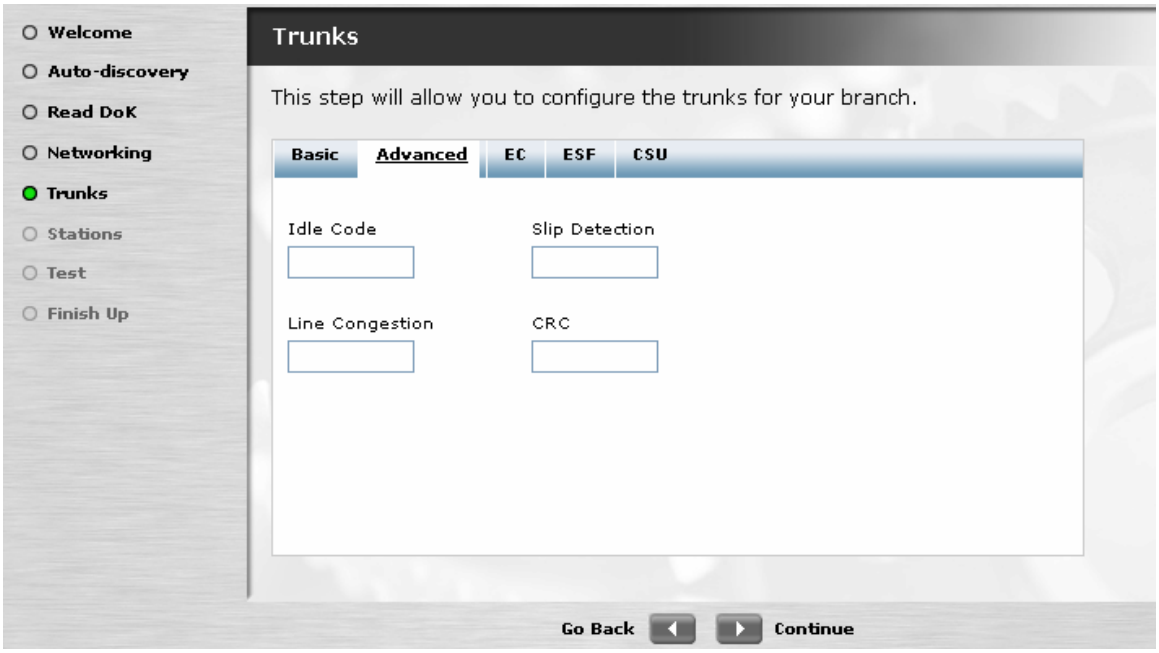


Field	Contains
T1/E1	"1.544", "2.048". [default = 1.544]
Line Coding	"ami-basic", " ami-zcs", "b8zs", "hdb3". [default = ami-basic, b8zs]
Companding	"alaw", "mulaw". [default = Mulaw]
Country Code	
Framing Mode	"d4", "esf". [default = ESF]

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next tab.

Installation Wizard: Step 5: Trunks: Advanced Tab

This screen displays or collects additional information about each trunk.

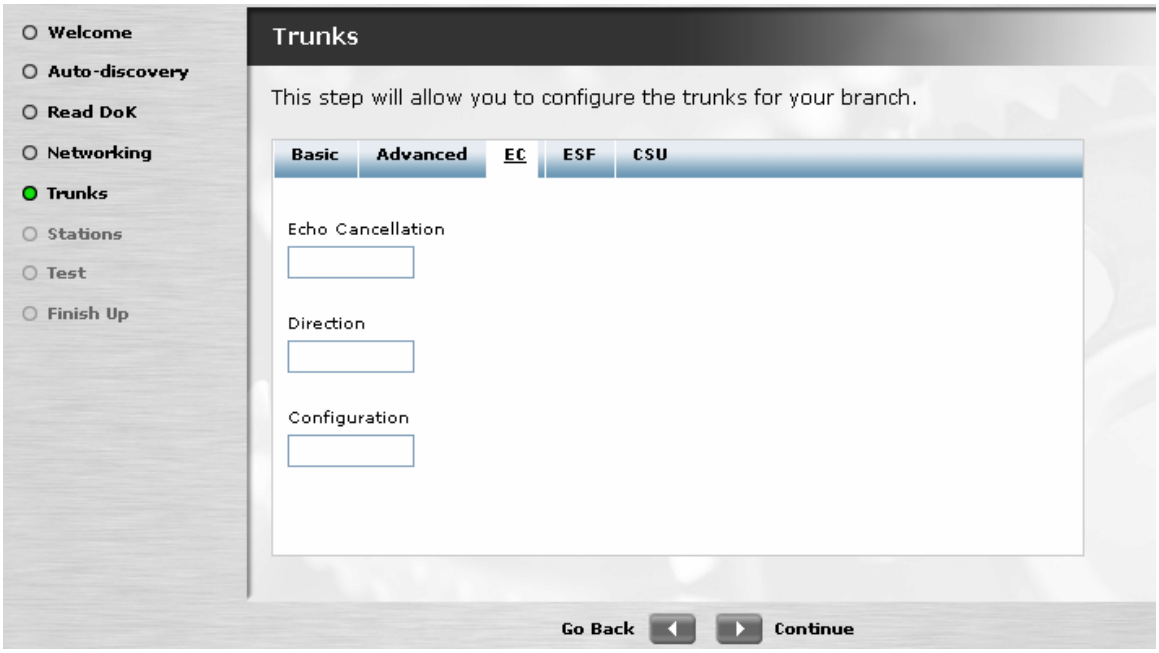


Field	Contains
Idle Code	
Line Configuration	
Slip Detection	
CRC	Checkbox. [default = N]

Button	Action
Go Back	Returns to previous tab.
Continue	Continues to next tab.

Installation Wizard: Step 5: Trunks: EC Tab

This screen displays or collects additional information about each trunk.



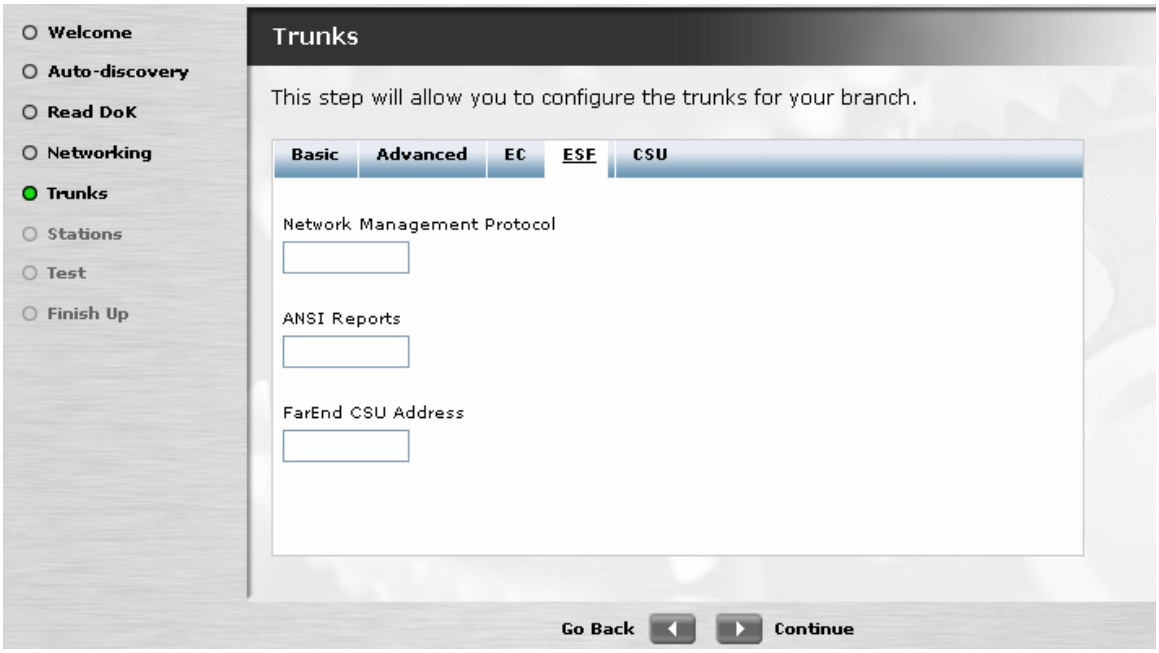
Field	Contains
Echo Cancellation	Appears when DS1 Echo Cancellation is y on the System-Parameters Customer-Options screen and circuit packs support echo cancellation.
Direction	"inward", "outward". Appears when Echo Cancellation is y on the DS1 Circuit Pack screen.
Configuration	(Enabled if Echo Cancellation? = y) Appears when Echo Cancellation is y on the DS1 Circuit Pack screen. • Enter 1 or 5-15 to provide most rapid adaptation in detecting and correcting echo at the beginning of a call, regardless of the loudness of the talker's voice. For very loud talkers and severe echo, the far-end talker's speech is heard as clipped when both parties talk at the same time. • Enter 2 for slightly slower Adaptation to echo, use if speech is often clipped when both parties talk at the same time. • Enter 3 for slightly slower adaptation to echo, may result in a 2 or 3 second fade on strong echo for quiet talkers. Completely removes speech clipping.

	• Enter 4 in cases of extreme echo, excessive clipping or breakup of speech. May result in slight echo or background noise. [default = 4]

Button	Action
Go Back	Returns to previous tab.
Continue	Continues to next tab.

Installation Wizard: Step 5: Trunks: ESF Tab

This screen displays or collects additional information about each trunk.



Field	Contains
Network Management Protocol	• AT&T TR 41449/ 41459 • Bellcore TR 1268; • NORTEL DMS-250 BCS36/IEC01 • Telecordia SR-4287 • AUSTEL TS014.1; Telecom Australia TPH 1856 National ISDN protocol • ETSI ISDN protocol • NTT INS-NET • Italy ETS 300 102 • Netherlands ETS 300 102 • Singapore ETS 300 102 • Mexico ETS 300 102 • Belgium ETS 300 102

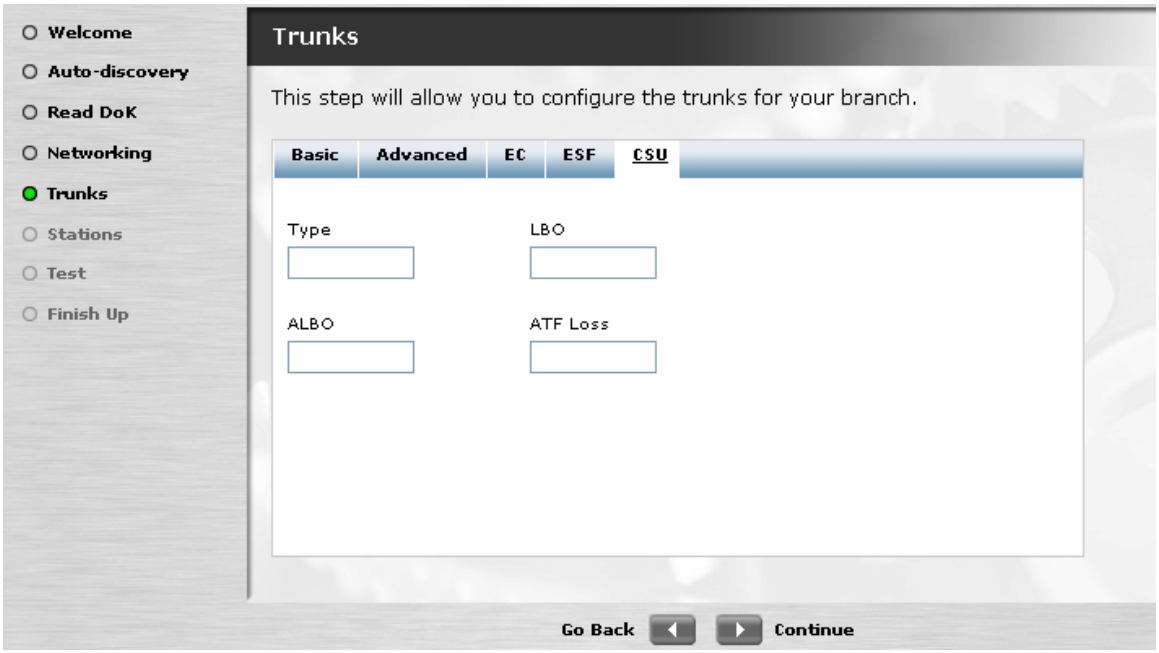
	• Saudi Arabia ETS 300 102 • United Kingdom ETS 300 102 (for connection to DASS II/DPNSS through external nverter) • United Kingdom,Ireland ETS 300 102 (Mercury); British Telecom ISDN 30; Telecom Eireann SWD 109 • Spain Telefonica ISDN Specification • France VN4 (French National PRI) • France ETS 300 102 modified according to P10-20, called Euronumeris • Germany FTZ 1 TR 6 (German National PRI) • Germany ETS 300 102 • Czech Republic,Slovakia ETS 300 102 • Russia (CIS) ETS 300 102 • Argentina ETS 300 102 • Greece ETS 300 102 • China ETS 300 102 • Hong Kong ETS 300 102 • Thailand ETS 300 102 • Macedonia ETS 300 102 • Poland ETS 300 102 • Brazil ETS 300 102 • Nordic ETS 300 102 • South Africa ETS 300 102 • Europe, New Zealand, etc. ETS 300 102
ANSI Reports	
FarEnd CSU Address	

Button	**Action**
Go Back	Returns to previous tab.

Continue	Continues to next tab.

Installation Wizard: Step 5: Trunks: CSU Tab

This screen displays or collects additional information about each trunk.

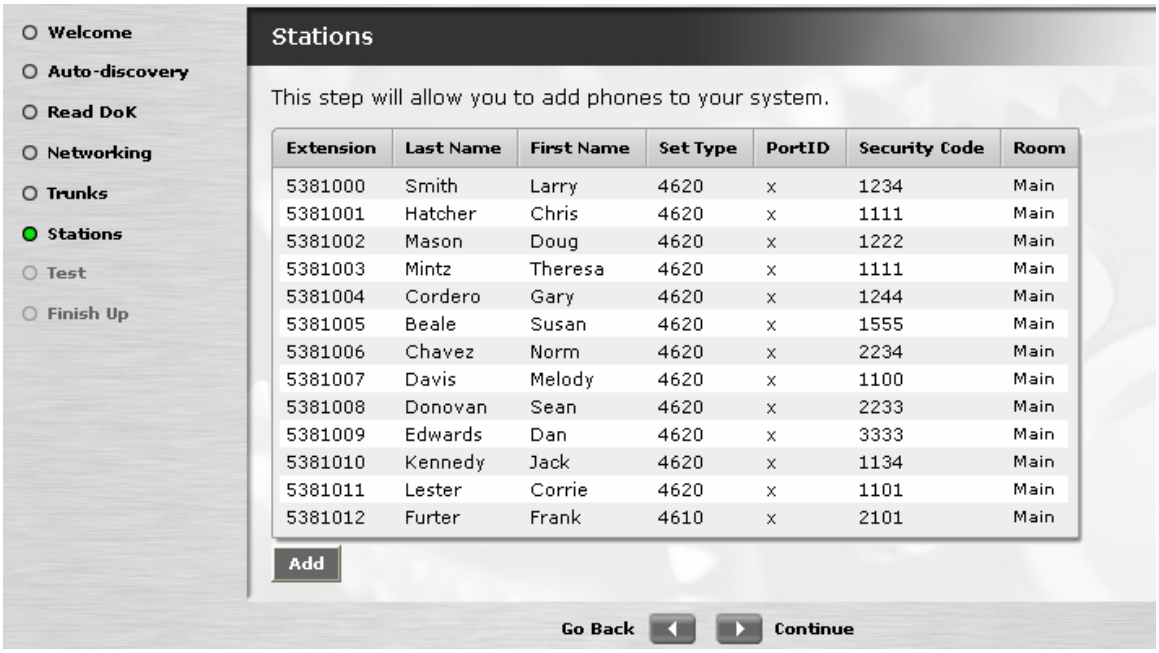


Field	Contains
Type	
ALBO	
LBO	
ATF Loss	

Button	Action
Go Back	Returns to previous tab.
Continue	Continues to next step.

Installation Wizard: Step 6: Station List

This screen displays information about each station.



Column	Contains
Extension	Administered extension.
Last Name	User's last name.
First Name	User's first name.
Set Type	Administered **Set Type**.
Port ID	
Security Code	
Room	

Button	Action
<double-click>	Opens the selected station for editing.
Add	Opens a form for adding a new station.
Go Back	Returns to previous tab.

Continue	Continues to next tab.

Installation Wizard: Step 6: Station Add/Change

TBD

Field	Contains

Button	Action
Go Back	Returns to Station List step.
Continue	Continues to next tab.

Installation Wizard: Step 7: Test

Button	Action
Test Installation	???
Go Back	Returns to previous step.
Continue	Continues to next step.

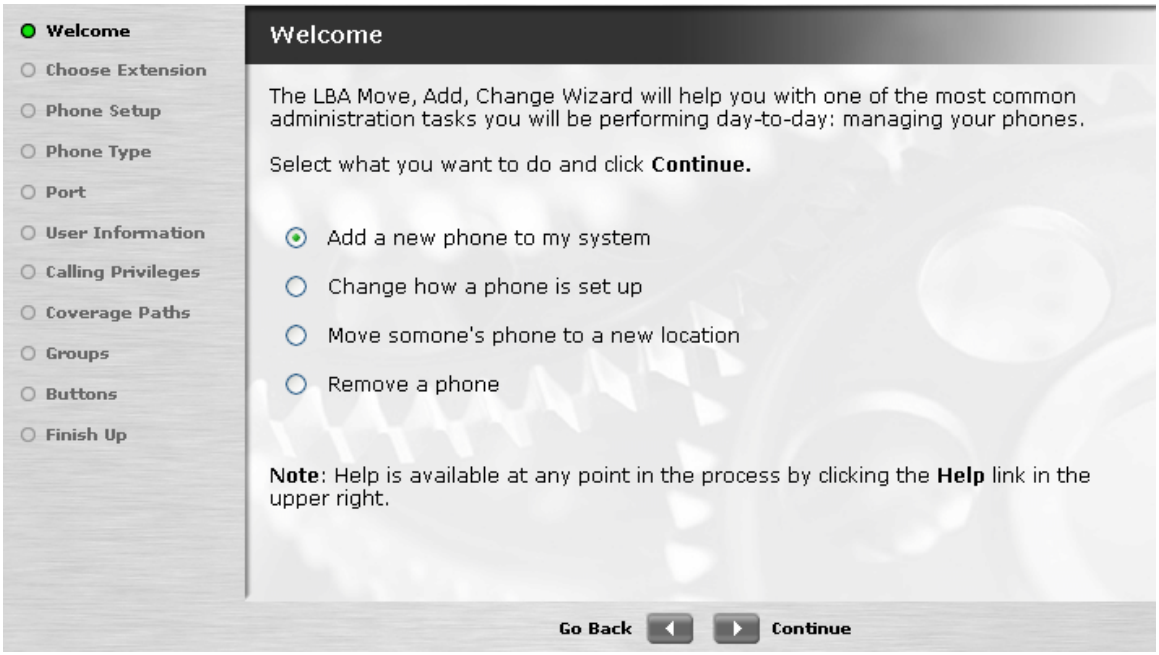
Installation Wizard: Step 8: Finish

This screen indicates completion of the Installation Wizard.

Button	Action
Go Back	Returns to previous step.
Finish	Exits the Installation Wizard.

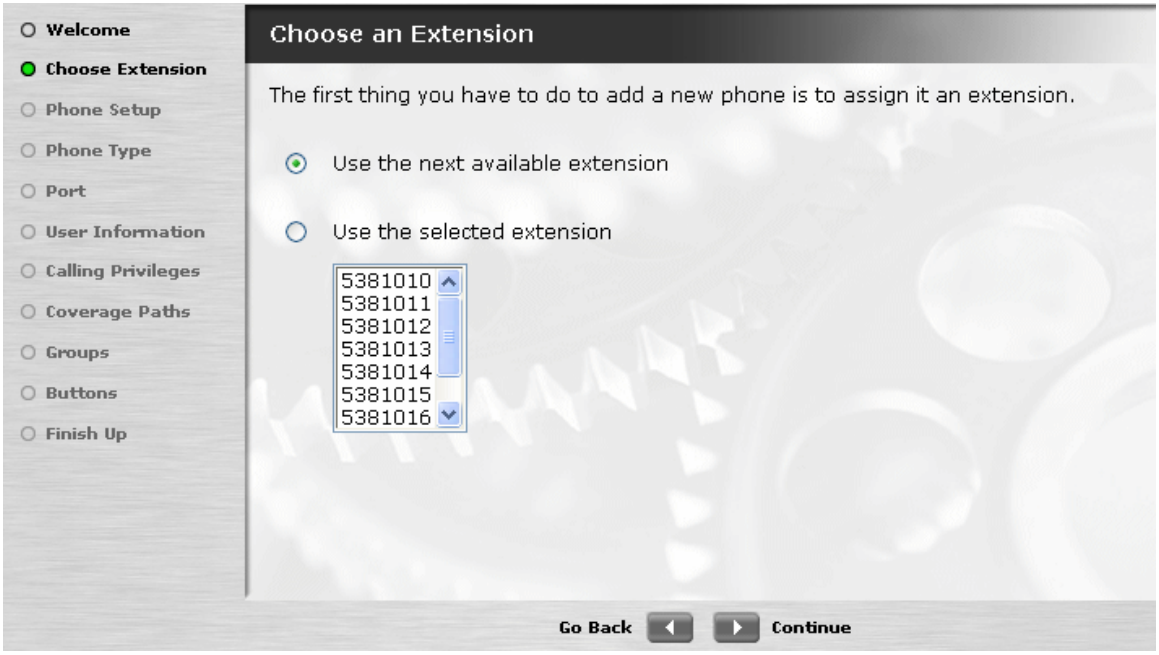
MAC Wizard

Move, Add, and Change Wizard: Step 01: Welcome



Button	Action
???	
Continue	Continues to next step.

Move, Add, and Change Wizard: Step 02: Choose Extension



Field	Contains
Extension	Radio Buttons: • Use the next available extension • Use the selected extension Enabled selection list.

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Move, Add, and Change Wizard: Step 03: Phone Setup

Field	Contains
Make this new phone just like the one I've selected below	List of other users.

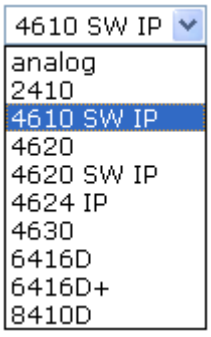
Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Move, Add, and Change Wizard: Step 04: Phone Type

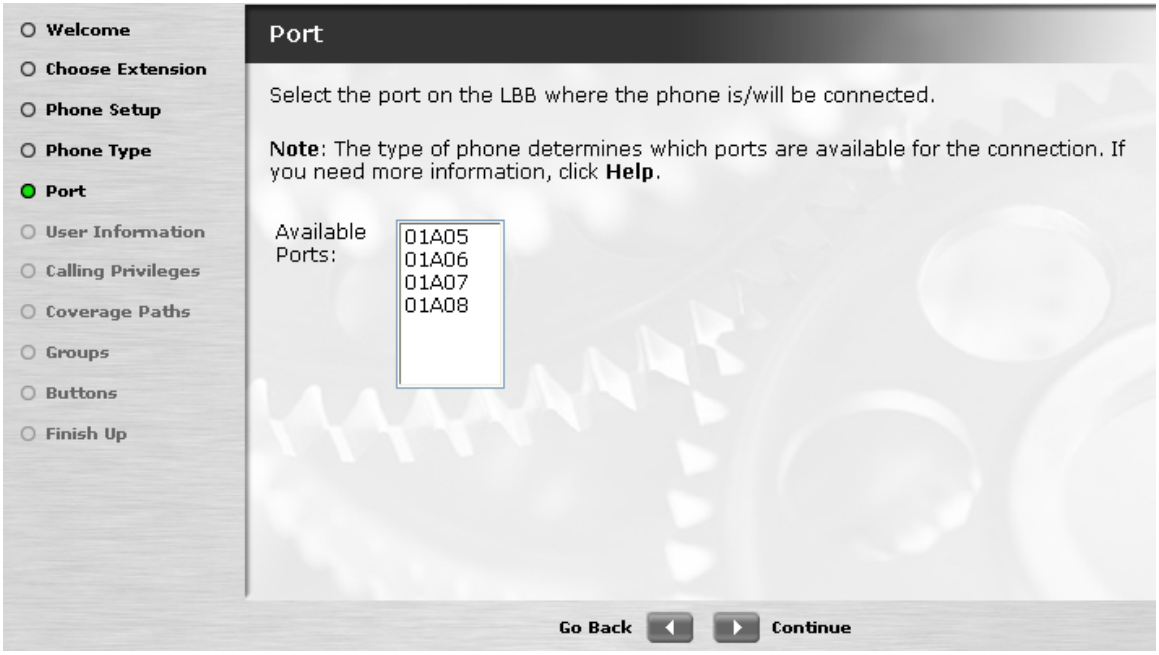
Field	Contains
Phone Type	

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Phone Type Drop-Down List



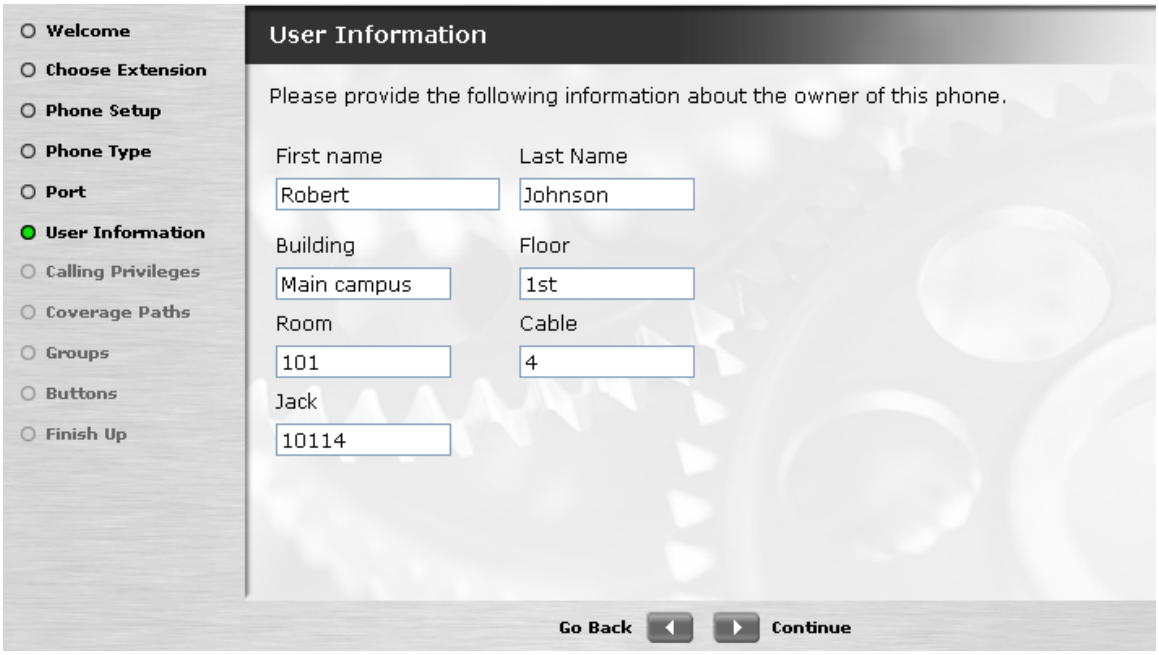
Move, Add, and Change Wizard: Step 05: Port



Field	Contains
Available Ports	List of available ports.

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Move, Add, and Change Wizard: Step 06: User Information



Field	Contains
First Name	
Last Name	
Building	
Floor	
Room	
Cable	
Jack	

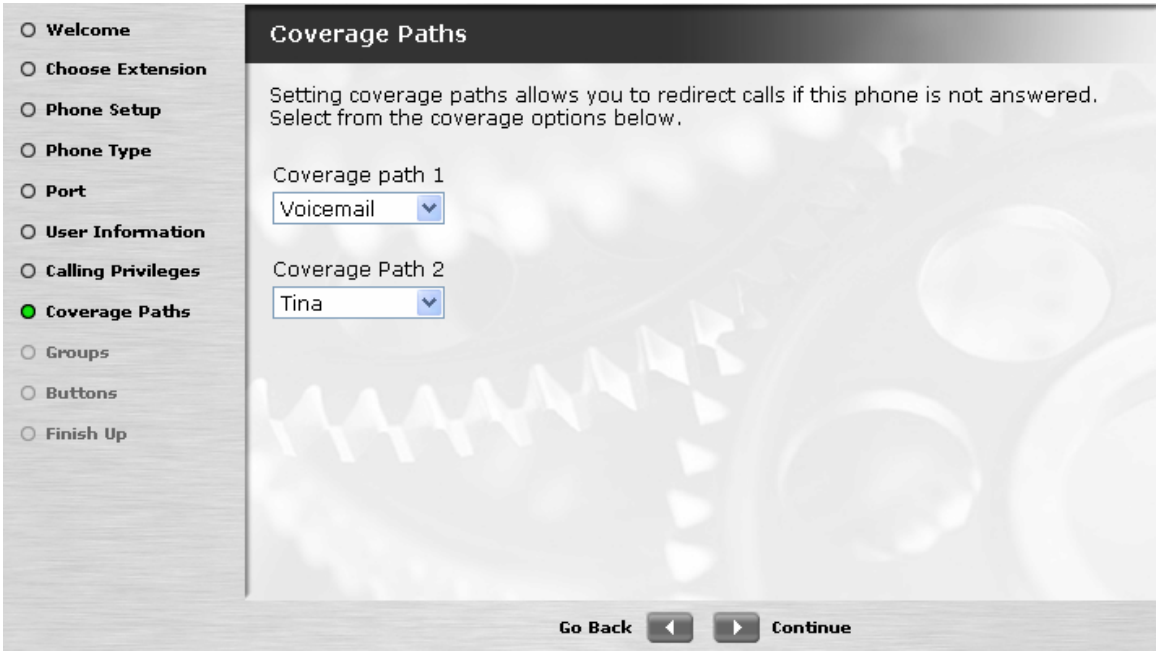
Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Move, Add, and Change Wizard: Step 07: Calling Privileges

Field	Contains
Calling Privileges	Privilege level: • Admin (2) • High (4) • Medium (6) • Low (8) • No (10)

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

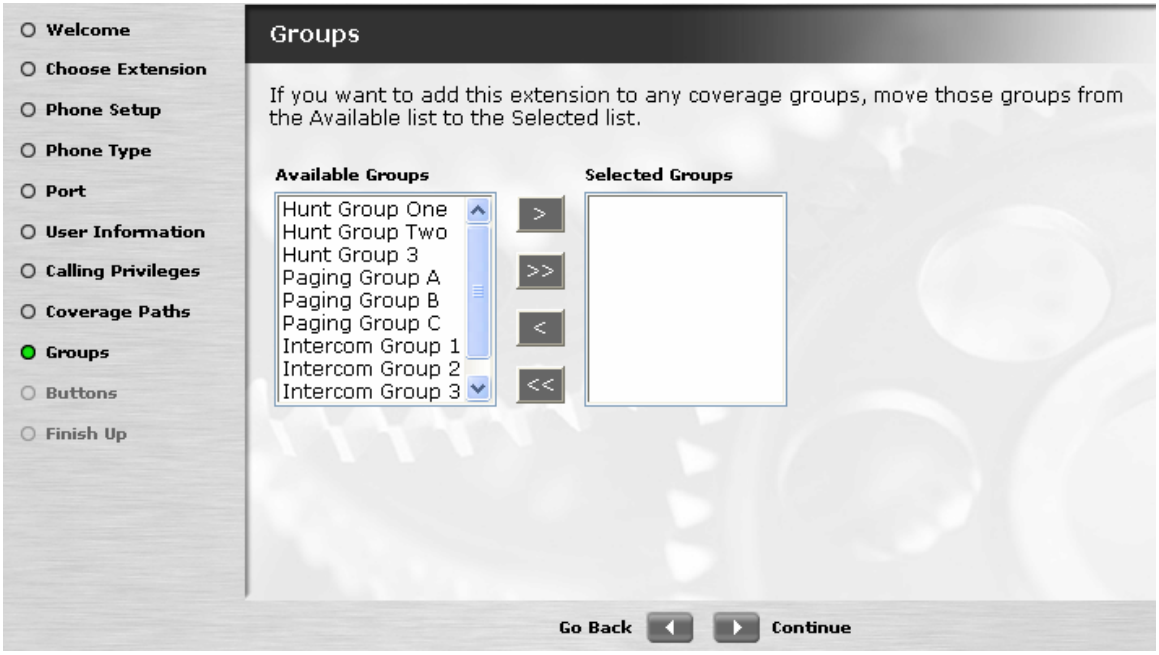
Move, Add, and Change Wizard: Step 08: Coverage Paths



Field	Contains
Coverage Path 1	
Coverage Path 2	

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

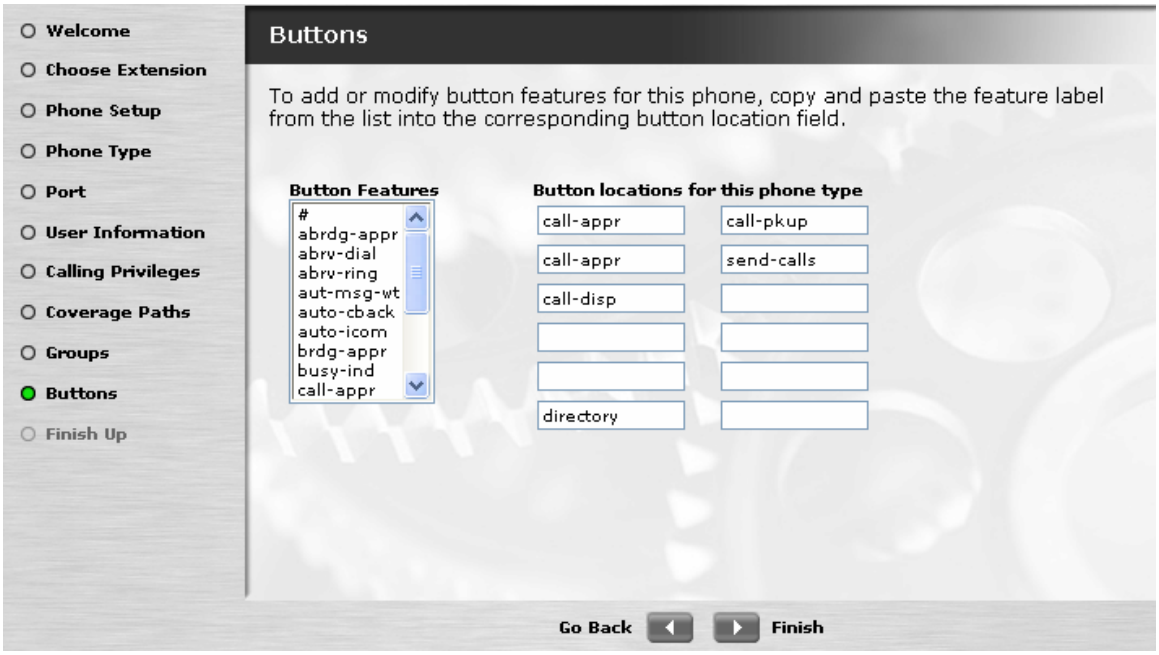
Move, Add, and Change Wizard: Step 09: Groups



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**.
Go Back	Returns to previous step.
Continue	Continues to next step.

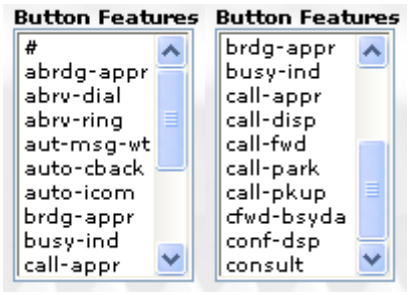
Move, Add, and Change Wizard: Step 10: Buttons



Field	Contains
Button Features	
Button Locations for this phone type	

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Button Features drop-down list


Button Features
#
abrdg-appr
abrv-dial
abrv-ring
aut-msg-wt
auto-cback
auto-icom
brdg-appr
busy-ind
call-appr
Button Features
brdg-appr
busy-ind
call-appr
call-disp
call-fwd
call-park
call-pkup
cfwd-bsyda
conf-dsp
consult

Move, Add, and Change Wizard: Step 11: Finish

TBD

Button	Action
Go Back	Returns to previous step.
Finish	Exits the Installation Wizard.

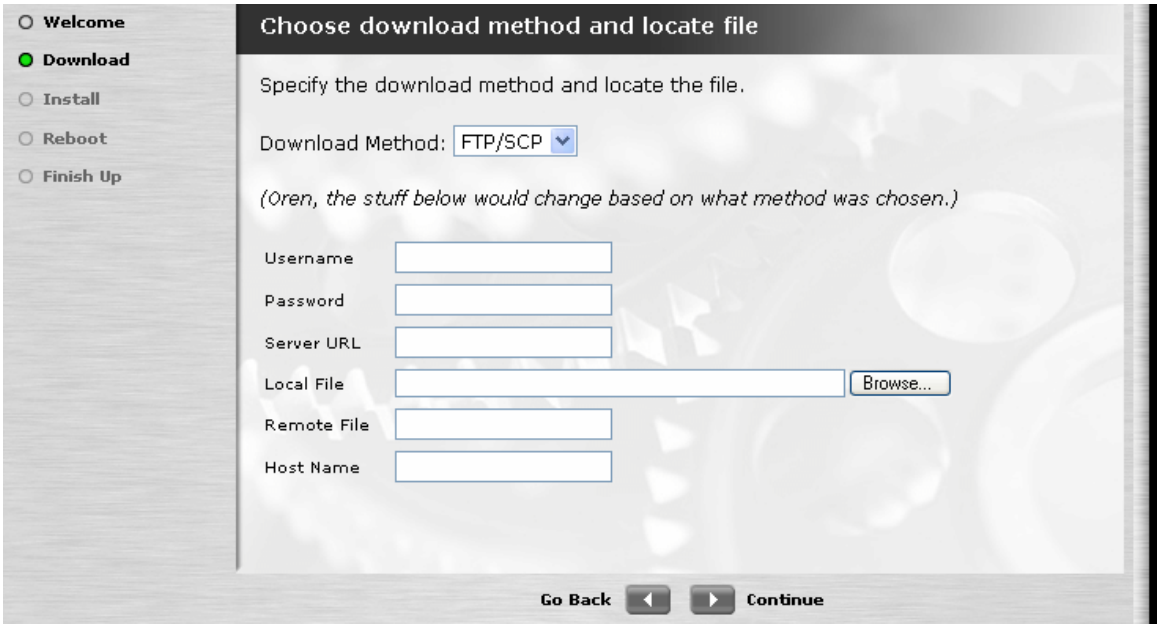
Firmware Wizard

Firmware Wizard: Step 1: Welcome

Field	Contains
Firmware Type	Radio Buttons: • Server Blade Image • Server Blade Service Pack • Gateway Image

Button	Action
???	
Continue	Continues to next step.

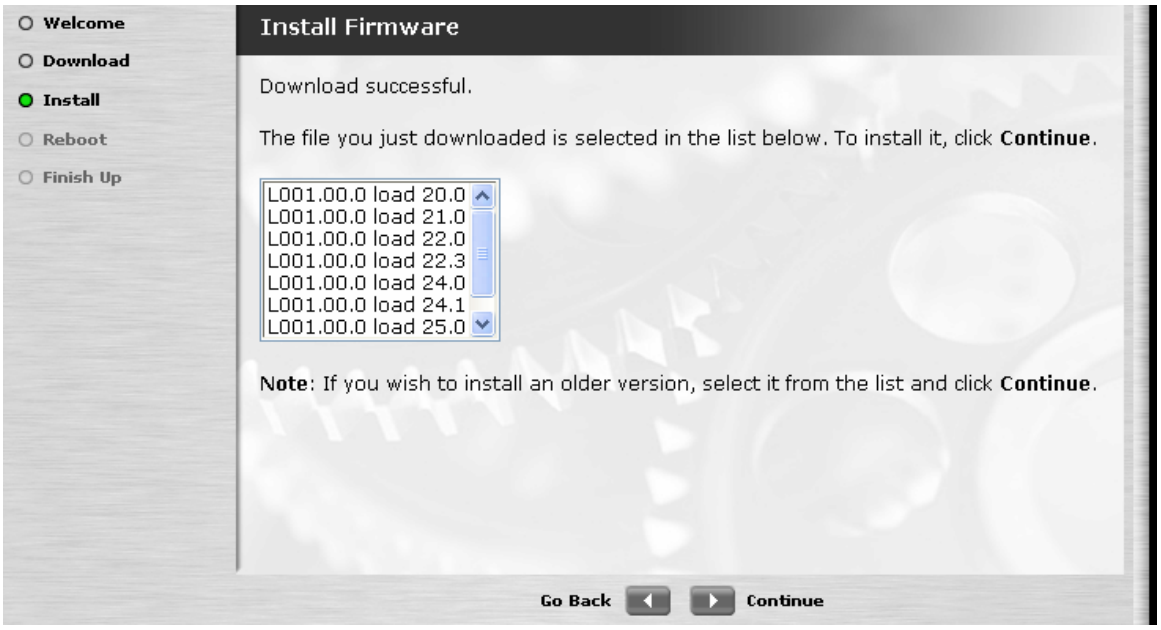
Firmware Wizard: Step 2: Download



Field	Contains
Download Method	
Username	
Password	
Server URL	
Local File	
Remote File	
Host Name	

Button	Action
Browse	Allows selection of the local file by browsing.
Go Back	Returns to previous step.
Continue	Continues to next step.

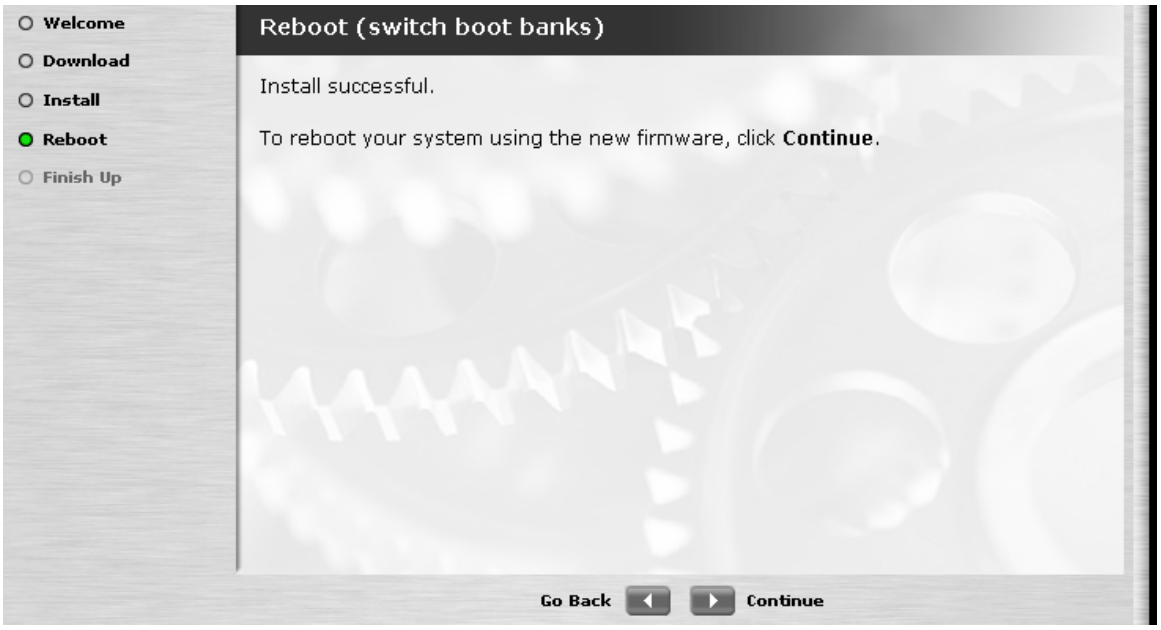
Firmware Wizard: Step 3: Install



Field	Contains
Downloaded File	

Button	Action
Go Back	Returns to previous step.
Continue	Continues to next step.

Firmware Wizard: Step 4: Reboot



Button	Action
Browse	Allows selection of the local file by browsing.
Go Back	Returns to previous step.
Continue	Continues to next step.

Firmware Wizard: Step 5: Finish

Button	Action
Go Back	Returns to previous step.
Finish	Exits the Installation Wizard.