C H A P T E R 4

Configuring the ATA 187

You must use Cisco Unified Communications Manager Administration to configure telephony features and assign users.

This chapter provides an overview of these configuration and setup procedures. Cisco Unified Communications Manager documentation provides detailed instructions for these procedures.

Telephony Features Available for the ATA 187

Table 4-1 lists the supported telephony features, many of which you configure by using Cisco Unified Communications Manager Administration.

Table 4-1   Telephony Features for the ATA 187

Feature	Description	Configuration Reference
Audible Message Waiting Indicator	A stutter tone from the handset, headset, or speakerphone indicates that a user has one or more new voice messages on a line. **Note** The stutter tone is line-specific. You hear it only when using the line with the waiting messages.	For more information, refer to: • *Cisco Unified Communications Manager Administration Guide,* Message Waiting Configuration. • *Cisco Unified Communications Manager System Guide,* Voice Mail Connectivity to Cisco Unified Communications Manager.
cBarge	Allows a user to join a non-private call on a shared phone line. cBarge adds a user to a call and converts it into a conference, allowing the user and other parties to access conference features. The phones support Barge on a shared conference bridge.	For more information, refer to: • *Cisco Unified Communications Manager Administration Guide,* Cisco Unified IP Phone Configuration. • *Cisco Unified Communications Manager System Guide,* Cisco Unified IP Phones. • *Cisco Unified Communications Manager Features and Services Guide,* Barge and Privacy.

Table 4-1   Telephony Features for the ATA 187 (continued)

Feature	Description	Configuration Reference
Call forward	Allows users to redirect incoming calls to another number. Call forward options include Call Forward All, Call Forward Busy, Call Forward No Answer, and Call Forward No Coverage.	For more information, refer to: • *Cisco Unified Communications Manager Administration Guide,* Directory Number Configuration. • *Cisco Unified Communications Manager System Guide,* Cisco Unified IP Phones.
Call pickup	Allows users to redirect a call that is ringing on another phone within their pickup group to their phone. You can configure an audio and/or visual alert for the primary line on the phone. This alert notifies the users that a call is ringing in their pickup group.	For more information, refer to the *Cisco Unified Communications Manager Features and Services Guide*, Call Pickup.
Call waiting	Indicates (and allows users to answer) an incoming call that rings while on another call. Displays incoming call information on the phone screen.	For more information, refer to the *Cisco Unified Communications System Guide*, Understanding Directory Numbers.
Caller ID	Displays caller identification such as a phone number, name, or other descriptive text on the phone screen.	For more information, refer to: • *Cisco Unified Communications Manager Administration Guide,* Cisco Unified IP Phone Configurations. • *Cisco Unified Communications Manager System Guide,* Understanding Route Plans. • *Cisco Unified Communications Manager Features and Services Guide*, Call Display Restrictions. • *Cisco Unified Communications Manager Administration Guide,* Directory Number Configuration.
Conference	• Allows a user to talk simultaneously with multiple parties by calling each participant individually. Conference features include Conference, Join, cBarge, and Meet–Me. • Allows a non-initiator in a standard (ad hoc) conference to add or remove participants; also allows any conference participant to join together two standard conferences on the same line.	For more information, refer to: • *Cisco Unified Communications Manager System Guide*, Cisco Unified IP Phones. • The service parameter, Advance Adhoc Conference, (disabled by default in Cisco Unified Communications Manager Administration) allows you to enable these features. **Note** Be sure to inform your users whether these features are activated.

Table 4-1   ***Telephony Features for the ATA 187 (continued)***

Feature	Description	Configuration Reference
Direct transfer	Allows users to connect two calls to each other (without remaining on the line).	For more information, refer to the *Cisco Unified Communications Manager System Guide*, Cisco Unified IP Phones.
Forced authorization codes (FAC)	Controls the types of calls that certain users can place. **Note** If you are using this feature, you must disable Enbloc dialing.	For more information, refer to the *Cisco Unified Communications Manager Features and Services Guide,* Client Matter Codes and Forced Authorization Codes.
Group call pickup	Allows a user to answer a call that is ringing on a directory number in another group.	For more information, refer to the *Cisco Unified Communications Manager Features and Services Guide*, Call Pickup.
Hold/Resume	Allows the user to move a connected call between an active state and a held state. **Note** No support for resuming a call from a shared line party.	For more information, refer to: Requires no configuration, unless you want to use music on hold. See Music on hold in this table for information.
Meet–Me conference	Allows a user to host a Meet-Me conference in which other participants call a predetermined number at a scheduled time.	For more information refer to *Cisco Unified Communications Manager Administration Guide*, Meet-Me Number/Pattern Configuration.
Message Waiting	Defines directory numbers for message-waiting on and message-waiting off indicator. A directly connected voice-messaging system uses the specified directory number to set or to clear a message-waiting indication for a particular Cisco Unified IP Phone.	For more information refer to: • *Cisco Unified Communications Manager Administration Guide,* Message Waiting Configuration. • *Cisco Unified Communications Manager System Guide*, Voice Mail Connectivity to Cisco Unified Communications Manager.
Message waiting indicator	A light on the handset that indicates that a user has one or more new voice messages.	For more information refer to: • *Cisco Unified Communications Manager Administration Guide,* Message Waiting Configuration. • *Cisco Unified Communications Manager System Guide*, Voice Mail Connectivity to Cisco Unified Communications Manager.
Music on hold	Plays music while callers are on hold.	For more information refer to *Cisco Unified Communications Manager Features and Services Guide*, Music On Hold.

Table 4-1   Telephony Features for the ATA 187 (continued)

Feature	Description	Configuration Reference
Privacy	Prevents users who share a line from adding themselves to a call and from viewing information on their phone screens about the call of the other user.	For more information refer to: • *Cisco Unified Communications Manager Administration Guide,* Cisco Unified IP Phone Configuration. • *Cisco Unified Communications Manager System Guide,* Cisco Unified IP Phones. • *Cisco Unified Communications Manager Features and Services Guide* Barge and Privacy.
Redial	Allows users to call the most recently dialed phone number by pressing a softkey.	Requires no configuration.
Shared line	Allows a user to have several phones that share the same phone number or allows a user to share a phone number with a coworker.	For more information refer to the *Cisco Unified Communications Manager System Guide,* Understanding Directory Numbers.
Speed dialing	Allows users to speed dial a phone number by entering an assigned index code (1 to 9) on the phone keypad. **Note** You can use Speed Dialing while on-hook or off-hook. Users assign index codes from the User Options web pages.	For more information, refer to: • *Cisco Unified Communications Manager Administration Guide,* Cisco Unified IP Phone Configuration. • *Cisco Unified Communications Manager System Guide,* Cisco Unified IP Phones.
Time Zone Update	Updates the IP phone with time zone changes.	For more information, refer to the *Cisco Unified Communications Manager Administration Guide*, Date/Time Group Configuration.
Voice-messaging system	Enables callers to leave messages if calls are unanswered.	For more information refer to: • *Cisco Unified Communications Manager Administration Guide,* Cisco Voice-Mail Port Configuration. • *Cisco Unified Communications Manager System Guide*, Voice Mail Connectivity to Cisco Unified Communications Manager.

Configuring Product Specific Configuration Parameters

Cisco Unified Communications Manager Administration allows you to set some product specific configuration parameters for the ATA 187. Table 4-2 lists the configuration windows and their paths to configure the parameters.

Table 4-2   Configuration Information

Configuration Window	Path
Enterprise Phone Configuration window	**System > Enterprise Phone Configuration**
Common Phone Profile window	**Device > Device Settings > Common Phone Profile**
Phone Configuration window	**Device > Phone**; Product Specific Configuration portion of window

Table 4-3 lists the configuration parameters you can set using Cisco Unified Communications Manager Administration.You can set the configuration parameters using any of the three configuration windows listed in Table 4-2.

When you set the parameters, select the Override Common Settings check box for each setting you wish to update. If you do not check this box, the corresponding parameter setting does not take effect.

Note   Some ATA 187 parameters are set from port 1 only. Setting the parameters from port 2 will have no effect. Set the following parameters from port 1 only—IVR Password, Phone Load Name, CDP, and Web Access.

Table 4-3   Configuration Parameters for the ATA 187

Parameter	Description
Auto Barge	Auto Barge adds a user to an active call. An offhook phone automatically adds the user (initiator) to the shared line call (target), and the users currently on the call receive a tone (if configured). Barge supports built-in conference and shared conference bridges.
	The Auto Barge feature allows the user to go offhook and be added to the call. The Auto Barge feature supports built-in conferences and shared conference bridges.
Call Sequence	• Bellcore FSK • ETSI FSK
Callee Connect Polarity	• User forward polarity while callee is connected • User reverse polarity while callee is connected
Callee Disconnect Polarity	• User forward polarity while callee is disconnected • User reverse polarity while callee is disconnected
Caller Connect Polarity	• User forward polarity while caller is connected • User reverse polarity while caller is connected

Table 4-3   *Configuration Parameters for the ATA 187 (continued)*

Parameter	Description
Caller Disconnect Polarity	• User forward polarity while caller is disconnected • User reverse polarity while caller is disconnected
Caller ID	• BT FSK • Bellcore FSK • ETSI FSK
Cisco Discovery Protocol (CDP)	Enable or disable the CDP function of the ATA 187
Fax Error Correction Mode Override	You can set the fax error correction mode override values to one of the following settings: • Default • On • Off
Fax Mode	The Cisco ATA supports two fax modes: • Fax Pass–Through—Allows fax and modem traffic to pass through a voice port • T.38 Fax Relay—Allows for a more robust protocol for fax transmission over packet networks
Hookflash Timer (100 ms to 1500 ms)	Hookflash Timer The time to validate hookflash event
Impedance	The ATA 187 provides multiple impedance values, such as 600 ohm for use in the United States
Input Audio Level	Gain value of Network–to–Phone
IVR Password	ATA187 IVR password
Maximum Fax Rate	Indicates the maximum fax rate—2400 b/s to 14400 b/s
Offhook Validation Timer (100 ms to 1000 ms)	Offhook Validation Timer Indicates the time to validate an offhook event
Onhook Delay Timer (0 ms to 155 ms)	On-hook Delay Timer Indicates the time to delay an onhook event
Onhook Validation Timer	Onhook Validation Timer Indicates time to validate an onhook event
Output Audio Level	Gain value of Phone–to–Network
Web Access	Enable or disable web access on the ATA 187

Adding Users to Cisco Unified Communications Manager

Adding users to Cisco Unified Communications Manager allows you to display and maintain information about users and allows each user to perform these tasks:

• Access the corporate directory and other customized directories from an ATA 187.

- Create a personal directory.

- Set up speed dial and call forwarding numbers.

- Subscribe to services that are accessible from an ATA 187.

You can add users to Cisco Unified Communications Manager using either of these methods:

- To add users individually, choose **User Management > End User** from Cisco Unified Communications Manager Administration.

  Refer to *Cisco Unified Communications Manager Administration Guide* for more information about adding users. Refer to *Cisco Unified Communications Manager System Guide* for details about user information.