


MITEL

3300 | Integrated
Communications Platform

ACD 2000 AGENT/SUPERVISOR GUIDE
FOR THE MITEL 5212/5224 IP PHONE

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General Information About this Guide

This guide describes operation of the Automatic Call Distribution 2000 Feature Package on a Mitel Networks IP phone. For operation of other features associated with Mitel Networks IP phones (some of which will work in conjunction with ACD), refer to the set guide.

What is Automatic Call Distribution (ACD)?

The Automatic Call Distribution (ACD) 2000 Feature Package is offered by the Mitel Networks 3300 Integrated Communications Platform (ICP). ACD is a method of switching large volumes of similar calls directly to a selected group of extensions (Agents). Up to 350 such Agents can be supported. All calls are distributed equally among the Agents. The calls are all of a similar nature, and the Agents are trained/equipped to provide the particular information or service the caller is requesting.

Typical examples of ACD applications include:

- airline reservation offices
- telephone order desks for department stores
- customer service departments of telephone or cable T.V. companies

When there are more incoming calls than available Agents, the calls may be routed to recordings. The recordings may advise the callers that all Agents are busy, and that an Agent will answer as soon as possible. Various recordings may be provided to inform the caller as to call progress if an Agent is not accessed immediately, or to advise the caller of information the Agent will require when connection is established.

The Mitel Networks 3300 ICP also directs calls to the Agent so that all Agents are given an equal workload. A Supervisor usually oversees the operation, monitors the activity of the Agents, and handles unusual situations that may arise.

About Your Phone

The Mitel 5212 and 5224 IP Phones are full-feature, dual port, dual mode telephones that provide voice communication over an IP network. Each features a back-lit liquid crystal display (LCD) screen, display-assisted access to features, on-hook dialing and off-hook voice announce with handsfree answerback, and a large ring/message indicator. The 5212 IP Phone offers 12 programmable keys, and the 5224 IP Phone offers 24 programmable keys for one-touch feature access. Both phones provide ten fixed feature keys for convenient access to features such as Conferencing, Redial, and many customizable user settings. The 5212 and 5224 IP Phones support Mitel Call Control (MiNet) protocols and session initiated protocols (SIP). The 5224 IP Phone also supports modules such as the Line Interface Module, 5310 IP Conference Unit, and the 12 and 48 Button Programmable Key Modules. The 5224 IP Phone can be used as an ACD Agent Phone or a Teleworker phone.

The personal key on the bottom right (5224) or bottom left (5212) is always your Prime Line; the remaining personal keys can be programmed as:

- Feature keys (for example, Swap). You can program feature keys from your phone, or using the Desktop Tool. Your administrator can also program feature keys.
- Speed Call keys. You can program speed call keys from your phone, or using the Desktop Tool.
- Line Appearances. Only the administrator can program line appearances.

Note: For more information on the Desktop Tool, talk to your system administrator.

Figure 1: 5224 IP Phone















NN0192

Figure 2: 5212 IP Phone



NN0191

Elements of Your Phone

Element	Function
<p>❶ Display</p>	<p>Provides a two-line, 20-character liquid crystal display (LCD) viewing area that assists you in selecting and using phone features, accessing your voice mail, and identifying callers. When you are using the Superkey menu interface, prompts and feature information appear on the display screen. For information on selecting menu options with or without softkeys, see “Selecting Menu Options” in this guide.</p>
<p>❷ Softkeys (5224 IP Phone only)</p>	<p>Context-sensitive keys change depending on the modes of the operation and the menu currently displayed. Softkeys enable you to easily view and select a variety of features.</p>
<p>❸ Ring/Message Indicator</p>	<p>Flashes to signal an incoming call and to indicate a message waiting in your voice mailbox.</p>
<p>❹ Volume, Speaker and Mute Controls</p>	<p>Provide the following audio control capability:</p> <ul style="list-style-type: none"> •  (UP) and  (DOWN) provide volume control for the ringer, handset, and handsfree speakers. •  (SPEAKER) enables and disables Handsfree mode. •  (MUTE) enables Mute, which allows you to temporarily turn your phone’s handset, headset, or handsfree microphone off during a call.
<p>❺ Fixed-Function Keys</p>	<p>Give you access to the following phone functions:</p> <ul style="list-style-type: none"> •  (SUPERKEY): provides access to menus for your phone's additional features. Note: When navigating through Superkey menu options, press  or  to back up one menu level. •  (CANCEL): ends a call when pressed during the call, and, when you are programming the phone, eliminates any input and returns to the previous menu level. •  (REDIAL): calls the last number dialed. •  (HOLD): places the current call on hold. •  (TRANS/CONF): initiates a call transfer or establishes a three-party conference call. •  (MESSAGE): provides access to your voice mailbox and flashes to notify you of messages waiting in your voice mailbox. Note: The Ring/Message indicator (❸) also flashes when messages are waiting.
<p>❻ Keypad</p>	<p>Use to dial.</p>
<p>❼ Programmable Personal Keys and Designation Card</p>	<p>Provides 24 keys that can be programmed as speed call keys, feature keys, or line appearance keys, according to your communication needs. Personal keys have status indicators. On a 5224 IP Phone, the bottom right personal key is always your Prime Line key. On the 5212 IP Phone, the bottom left personal keys is always your Prime Line key. Write the name (speed call, feature or line appearance) of the</p>

	<p>Personal keys that you program on the designation card (use the side of the card with the textboxes provided). Use the slot behind the plastic cover at the bottom of the phone to remove/insert the designation card.</p>
③ Handsfree Speaker	Provides sound for handsfree calls and background music.
⑨ Handset	Use for handset calls. If you are in headset or handsfree mode, you do not need to use the handset.

Ring/Message Indicator

When indicator is...	it means that...
Flashing rapidly	Your phone is ringing
Flashing slowly	A Message or Callback Message is waiting at your phone
On	Your phone is ringing another phone
Off	Your phone is idle, or you are on a call

Selecting Menu Options

Because the 5224 IP Phone offers softkeys, feature availability and menu options may differ between the 5212 and 5224 IP Phones.

To select menu items on the display:

- On a 5224 IP Phone, press the softkeys.
- On a 5212 IP Phone, press *, **0** and # on the keypad. For example, if options *=YES **0**=DEFAULT #=NO appear and you want to select YES, press *.

Procedures in this guide show all menu selection options, where applicable—for example, “Press the * or **Yes** softkey”. Procedures in this guide also specify when a menu option is available on only one of the phones—for example, “On a 5224 IP Phone only, press the **Save** softkey”.


Using Your IP Phone in Remote Mode

Remote Mode allows the 5212 and 5224 IP Phones to be used in the home or in other locations away from the office. For information on how to program your IP Phone for remote operation, refer to the *Remote IP Phones Guide* available at www.mitel.com.

About Feature Access Codes

Use of some features requires dialing access codes. The codes are flexible and may be different than those in this guide. Ask your Administrator for a list of codes you should use.

For Users on Resilient 3300 ICP Systems

If during a call, you hear two beeps that are repeated every 20 seconds it means that your phone is switching to a secondary 3300 ICP system. The call continues but some of the keys and features on your phone function differently. The keys and features begin working normally again after you hang up. If your phone switches to the secondary system while your speaker or handset is muted (that is, while the  **MUTE** key light is on), the call remains muted until you hang up. Normal operation resumes when your phone switches back to the primary system. If your phone is idle and switched to the secondary system, you'll see a flashing rectangle on the display. The rectangle remains until the switch to the primary system is complete.

5224 IP Phone and Line Interface Module

The Line Interface Module is an optional device that adds an analog phone line (POTS) capability to your 5224 IP Phone (only). If Emergency Call Routing is not programmed on your 3300 ICP, you must use the Line Interface Module to dial emergency calls. For more information on emergency number dialing, refer to Emergency Calls.

If you have a Line Interface Module connected to your 5224 IP Phone, all programming of the Line Interface Module, except the Analog Key, is done by the Installer when your phone is installed. For more information, refer to “Using the Line Interface Module” in this guide.

Note: The 5212 IP Phone does not support the Line Interface Module.

Tips for Your Comfort and Safety

Don't cradle the handset!

Prolonged use of the handset can lead to neck, shoulder, or back discomfort, especially if you cradle the handset between your ear and shoulder. If you use your phone a lot, you may find it more comfortable to use a headset. See the section on headset usage in this guide for more information.

Protect your hearing

Your phone has a control for adjusting the volume of the handset receiver or headset. Because continuous exposure to loud sounds can contribute to hearing loss, keep the volume at a moderate level.

Feature Access Codes

Many features can be activated or disabled by Feature Access codes when no Feature Keys are programmed for this purpose.

Contact your System Administrator for these and other Feature Access codes available on your telephone system, or to have these features programmed into your set's Softkeys. Record your Feature Access codes in the Personal Directory table at the end of this guide.

For Agents on Resilient 3300 ICP Systems

If you hear two beeps that are repeated every 20 seconds during your call, it means that your phone is switching to a secondary 3300 ICP system. Your call continues. Normal operation resumes when your phone switches back to the primary system. If your phone is idle and switched to the secondary system, you'll see a flashing rectangle on the display. The rectangle remains until the switch to the primary system is complete.

Features Not Available

There may be procedures in this guide that you cannot perform on your telephone, and your display may not appear exactly as in the illustrations in this guide. Also, you may have additional functionality not described in this guide, or some features described here may not be available to you. The reason for this is that your company has specially selected your features and calling privileges. See your System Administrator if you have any questions.

ACD 2000 Agent Features and Capabilities

What are Agent Groups?

ACD Agents are normally grouped together to handle incoming telephone calls that are associated with particular functions or departments in an organization; for example, Sales or Engineering. Callers are then directed to the Group that best serves their needs. The formation of ACD Agent Groups with two or more Agents in each Group allows calls to be handled on a Group basis rather than on an individual basis. An Agent can have multiple Agent ID's, but Agents can only have one Agent ID per group, and can only log in one Agent ID per telephone.

Agent Groups are assigned a unique 3-digit reporting number as well as an Agent Group directory number. You will use both of these numbers as discussed throughout this guide.

Agent Groups can be programmed to overflow between each other. This means that if activated, calls that are directed to one Agent Group can be programmed to overflow to other Agent Groups if the first Group was unavailable due to being in an overload condition. This overflow capability allows ACD calls to be handled, even though an Agent Group has been set in a Do Not Disturb mode.

You can have your set programmed to receive additional information concerning Group activity. This information is called Queue Threshold Alert and Queue Status.

The following Agent functionality is described in this section:

Logging In describes the procedure for logging in to a telephone programmed for Automatic Call Distribution (ACD).

Displaying Agent Log-In Information describes the procedure for displaying your Agent I.D. number for verification after logging in.

Logging Out describes the procedure for logging out from a telephone programmed for ACD.

ACD Agent Hot Desking describes the functionality provided by this feature.

Answering Calls describes the procedure for answering ACD calls.

Using the Auto Answer Feature describes a feature that allows you to answer calls automatically after one short ring.

Using a Headset describes the procedure for installing and programming a

headset for hands-free call answering.

Using and Canceling the Work Timer describes the purpose of the Work Timer and the procedure for answering calls without waiting for the Timer to expire.

Taking a Break from Calls (Make Busy Feature) describes how to place your set in a pause mode when you need to be away from your set for brief periods of time, without the need to log out and subsequently log in again.

Getting Help describes how to request assistance from your Supervisor during a call. The procedure for terminating a Help request is also described.

Queue Threshold Alert / Queue Status describes alert indicators and means of accessing queue information for regarding the status of the ACD Group (Queue) into which you have logged.

Logging In

Automatic Call Distribution (ACD) 2000 calls are directed to Logged In Agents only. ACD calls are not directed to a telephone where there is no Agent Logged In. You can log in by following the procedure described below.

An important concept in the ACD 2000 system for you to be aware of is agent mobility. Since you as an Agent are assigned a 1- to 7-digit Identification (I.D.) number to log in with, you can be called by this I.D. number, as well as by the telephone extension number where you are working. This means that you can be called by your I.D. number regardless of where you may be located. For this reason it is also a good idea for your Agent I.D. number to be included in your company's telephone directory.

As an Agent, you can belong to multiple groups. When you log in using your Agent I.D., you are automatically logged in to all groups in which you are a member. Check with your manager if you do not know the ACD Log-In access code or do not have an I.D. number. The Agent I.D. number is unique to each Agent, and allows the system to distribute ACD calls to Logged In Agents. An Agent can stay logged in indefinitely on the same telephone. You can also log in by using a special Feature Access code not explained in this guide.

Note: If the I.D. is invalid, the display shows an INVALID error message and the Log-In procedure is terminated. If the I.D. is in use by another Agent, the display shows a USED BY error message and your Log-In attempt is terminated. If an Agent Log-In code is dialed, but no I.D. is entered within 60 seconds, the Log-In procedure is not activated and your set is treated as a Logged Out set.

After you have logged in, you can display your Log-In information. Refer to the section "Displaying Agent Log-In Information" for further details.

When You Are Ready to Log In

To log in, perform the following tasks:

1. Press the **SuperKey** Function Key. The AGENT LOGIN? prompt appears. Press the **Yes** softkey (5224 IP Phone) or press * (5212 IP Phone).
or
Enter the Agent Log-In feature access code.
2. Enter your Agent I.D. code on the keypad.
After entering your I.D. code, your display shows the number you enter along with a **←** Softkey to correct any digits you entered incorrectly.
3. Press the **Enter** Softkey. You are now logged in. The display momentarily shows the name of the Agent logging in (if programmed) and the Agent's I.D. number.
After a few seconds, the display returns to idle, with any programmed Softkey features appearing on the display.

Displaying Agent Log-In Information

It is possible to display and verify Log-In information when you are logged in to a set. The information displayed is the Agent I.D. number logged in to that set. To display agent log-in information:

1. Press the **SuperKey** Function Key.
2. Press the **No** softkey (5224 IP Phone) or press the # key (5212 IP Phone) until PERSONAL KEYS appears on the display.
3. Press the **Yes** softkey (5224 IP Phone) or press the * key (5212 IP Phone). The Agent Identification (I.D.) number currently logged in will be displayed for 3 seconds
4. The prompt SELECT A KEY appears. You may select another Line Select Key for similar information if the set has more than one line appearance.
If you press your Prime Line Key, your display shows your Agent I.D. number and your name (if programmed).
5. To exit, press the **Cancel** Function Key.

Logging Out

Logging out returns the set to Make Busy and it no longer receives Automatic Call Distribution (ACD) calls, since ACD calls are directed to Logged In telephones only. Your set operates normally for non-ACD use when logged out.

Logging Out can be activated during a call in progress, and takes effect only when you terminate (hang up) the call. This allows you to activate this feature before your set can ring again for another call.

To log out, perform the following tasks:

1. Press the **SuperKey** Function Key
2. Press the **No** softkey (5224 IP Phone) or press the # key (5212 IP Phone) to scroll until AGENT LOGOUT? appears on the display.
3. Press the **Yes** softkey (5224 IP Phone) or press the * key (5212 IP Phone). You are now logged out. After a few seconds, LOGGED OUT appears on the display.

Note: If you log out of an ACD hot desk agent session while a call is in progress, “LOGGED OUT” will not appear in the display until the call is ended.

About ACD Agent Hot Desking

The ACD Agent Hot Desking feature allows you to log into any ACD set and the system automatically configures the set with your personal speed calls, features, and phone settings. If your user profile is configured as an ACD hot desk agent, when you log into an ACD set, the system associates your personal phone settings, such as directory number, system settings, language display, and button programming with the set.

For example, you could log into an ACD set, dial a number, and the system stores that number against the **Redial** key for your set profile. After logging out, if you log into another ACD set, you can press the **Redial** key to dial the last number that you had dialed previously while you were logged into the other set.

After logging in as an ACD hot desk agent, you can use the following personal phone features and change the following settings:

- Call forwarding (all types)
- Callback messages (message waiting indicator)
- Auto Answer
- Do Not Disturb (DND)
- Last Number Redial
- Timed Reminder
- Triple Ring Callbacks
- Advisory Status Message.

The log in and logout procedures are the same for an ACD Hot Desk Agent as they are for a normal ACD agent.

Answering Calls

Answering ACD calls is not unlike answering regular calls on 5020 IP phone. When the telephone rings, the indicator beside your Line Select Key flashes. To answer the call, pick up the handset and begin speaking.

A headset option can be programmed into your system, eliminating the need to pick up the handset. This is helpful in high call traffic situations normally encountered in an ACD environment. To use a headset, refer to "Using A Headset". You should also refer to "Using the Auto Answer Feature" for high telephone traffic situations.

Using the Auto Answer Feature

You may prefer to answer your calls automatically using the Auto Answer feature, for either handset or headset operation. Once programmed, when you receive a call you hear one short ring before being automatically connected to the caller. Never leave your telephone unattended while the Auto Answer feature is turned on.

Activating Auto Answer

To activate the Auto Answer feature, perform the following tasks:

1. Press the **SuperKey** Function Key.
2. Press the **No** softkey (5224 IP Phone) or press the # key (5212 IP Phone) to scroll until AUTO ANSWER? appears on the display.
3. Select **Turn On**. Auto Answer is now activated and AUTO ANSWER appears on the display.

Deactivating Auto Answer

To deactivate Auto Answer, perform the following tasks:

1. Press the **SuperKey** Function Key.
2. Press the **No** softkey (5224 IP Phone) or press the # key (5212 IP Phone) to scroll until AUTO ANSWER? appears on the display.
3. Select **Turn Off**. Auto Answer is deactivated and AUTO ANSWER disappears from the display.

Using a Headset

Your system administrator may have enabled full-time headset operation on your telephone. Telephones with full-time headset operation enabled must be operated only with headsets.

Telephones that are not programmed for full-time headset operation will provide a **HEADSET** key to allow you to switch between handset and amplified headset (no feature control switch) operation.

Switching between handset and headset mode when using a Headset with Feature Control Switch can be accomplished by connecting or disconnecting the headset at the quick-disconnect plug on the headset cord, but you should also disable headset operation if the handset will be used for an extended period of time.

A headset can be used either in regular answer mode or with the Auto Answer feature programmed.

Most headsets are installed using the same jack that the handset plugs into. Mitel Networks Headsets with Feature Control Switch (PN 9132-800-500-NA/9132-800-501-NA) plugs into the dedicated headset jack (the jack nearest the front of the set).

Installing a Headset (no Feature Control Switch)

To install the headset for your use, perform the following tasks:

1. When the telephone is not in use, lift the handset from the cradle and carefully turn the set upside down.
2. Unplug the handset cord where it connects to the telephone.
3. Plug in the headset cord in the same place.
4. Set the telephone upright and return the handset to the cradle
5. Press the **Headset** Feature Key.
6. Store your handset in a safe place.

To return to handset operation, perform the following tasks:

1. When the telephone is not in use, lift the handset from the cradle and carefully turn the set upside down.
2. Unplug the headset cord where it connects to the telephone.
3. Plug in the headset cord in the same place.
4. Set the telephone upright and return the handset to the cradle.
5. Press the **Headset** Feature Key.
6. Store your headset in a safe place.

Handling Calls with a Headset (no Feature Control Switch):

To answer a call (when Auto Answer is disabled):

- Press the flashing Line Select key.

To hang up:

- Press the **Cancel** Function Key.

Installing a Headset with Feature Control Switch

IMPORTANT NOTE: Mitel Networks Headsets with Feature Control Switch (PN 9132-800-500-NA/9132-800-501-NA) must be installed in the dedicated headset jack (the jack nearest the front of the set). Installation will disable your handset microphone. Disconnecting the headset at the jack or at the quick-disconnect plug restores handset operation.

To install the headset for your use, perform the following tasks:

1. When the telephone is not in use, lift the handset from the cradle and carefully turn the set upside down.
2. Plug the headset cord into the headset jack (the jack nearest the front of the set).
3. Set the telephone upright and return the handset to the cradle.
4. Press the **Headset** Feature Key.

To return to handset operation, perform the following tasks:

1. When the telephone is not in use, lift the handset from the cradle and carefully turn the set upside down.
2. Unplug the headset cord where it connects to the telephone.
3. Set the telephone upright and return the handset to the cradle.
4. Press the **Headset** Feature Key.
5. Store your headset in a safe place.

Handling Calls with a Headset (with Feature Control Switch):

To answer a call (when Auto Answer is disabled):

- Press the flashing Line Select key
-or-
Quickly press and release the Feature Control Switch.

To mute the headset microphone:

- Press and hold the Feature Control Switch.

To hang up:

- Press the **Cancel** Function Key
-or-
Quickly press and release the Feature Control Switch.

Using and Canceling the Work Timer

The Work Timer provides a delay after each ACD call, before the next call is directed to you. This gives you a certain amount of time to complete any work generated by the previous call.

The Work Timer is automatic and you are not required to perform any procedures to activate it. The length of time provided by the timer varies from 0 to 600 seconds, and is programmed only by the System Administrator.

Work Timers apply to ACD Agents and ACD calls only. Other calls to and from your set do not activate a Work Timer. If the Make Busy or Do Not Disturb features are activated at your telephone, the Timer is cancelled for that call.

Once you terminate an ACD call, WORK TIMER appears on the display for the duration of the Work Timer period.

When the Work Timer expires, WORK TIMER disappears from the display and you are ready to take another call.

You have the option of canceling the Work Timer and accepting another call before the Timer expires. Cancellation of the Timer affects only the next ACD call.

To cancel the Work Timer, press the **Cancel** Function key. Your set displays the normal screen and is now available for the next ACD call.

Taking a Break from Calls (Make Busy Feature)

Activate the Make Busy feature to stop receiving Automatic Call Distribution (ACD) calls at your set for relatively brief periods of time, thereby avoiding the need to log out and subsequently log in again. Make Busy ensures that your ACD set does not receive calls while you are unavailable to handle the calls.

Your Mitel IP Phone operates as a normal telephone except for ACD use during the Make Busy state. You can activate this feature during a call in progress. The Make Busy state commences upon completion of that call. This allows you to activate this feature before your set can ring again for another call.

Note: Your System Administrator can configure the system to automatically place your set in Make Busy when you log in. In this case, you must remove Make Busy before you can start taking ACD calls.

Activating Make Busy

To activate the Make Busy feature, perform the following tasks:

1. Press the **SuperKey** Function Key.
2. Press the **No** softkey (5224 IP Phone) or press the # key (5212 IP Phone) to scroll until MAKE BUSY? appears on the display.
3. Select **Turn On**. Your set displays MAKE BUSY until it is deactivated.

Removing Make Busy

To deactivate the Make Busy feature, perform the following tasks:

1. Press the **SuperKey** Function Key.
2. Press the **No** softkey (5224 IP Phone) or press the # key (5212 IP Phone) to scroll until MAKE BUSY? appears on the display.
3. Press the **Turn Off** Softkey. Make Busy is now removed from your set, and the display returns to idle.

Getting Help (5224 only)

Whenever you are in a conversation on an Automatic Call Distribution (ACD) call, you can request help from an ACD Supervisor. The type of help you receive initially is to have the Supervisor silently monitor the conversation. The caller is not aware that they are being monitored unless the Supervisor later decides to initiate a three-way conference, which can be done at any time during the call.

If a Supervisor has not logged in with an Agent Identification (I.D.) code, the Supervisor's extension number must be dialed (when prompted to do so). If a Supervisor has logged in with an Agent I.D. code, you can request help without having to know the location, by dialing that Agent I.D. code (when prompted to do so).

A Supervisor's I.D. code or extension number can be dialed by using either the keypad or by having a Speed Call Key programmed for this purpose.

When You Need Help

To request help, perform the following tasks:

1. Press the **SuperKey** Function Key.
2. Press the **No** softkey until HELP? appears on the display
3. Press the **Yes** softkey.
4. You will be prompted to enter the extension number of the Supervisor you want.

Your help request is automatically cancelled if you do not enter digits within 20 seconds. Digits dialed in error can be erased with the **←** Softkey.

The **←** and **Enter** softkey will appear after you start entering the digits.

5. Press the **Enter** softkey. Your display shows the path name, then updates to show originating party information, including the amount of time that the caller has waited.
6. If the Supervisor is busy, the display shows BUSY (allowing you to make another choice or to cancel your request for Help).
7. When the Supervisor answers, the display indicates HELP accompanied by the Supervisor's number or name.

If the Supervisor conferences into the call, a **Split** Softkey also appears.

6. When the Supervisor hangs up, the display returns to idle.

Canceling Help

While waiting for the Supervisor to respond to your Help request, you can cancel the Help request before it is answered by pressing the **Cancel** Function Key. This cancels the request and you are prompted to enter a second help number, if desired. Your Help request is automatically cancelled if you do not enter digits.

Queue Threshold Alert

Thresholds are programmed into the ACD system to provide a basis for alerting Agents and Supervisors that calls have waited longer than acceptable limits (thresholds) to be answered.

If your set is programmed with a Generic Group **Queue Status** Feature Key, it can provide a visual indication of the current workload conditions of the Automatic Call Distribution (ACD) Group into which you are logged. Supervisors may have two or more Specific Group **Queue Status** Feature Keys and threshold alerts, allowing them to monitor activity in more than one Group. Your set may also be programmed to provide an audible alert that Queue Status has changed.

Note: Agents in the Logged Out, Do Not Disturb, or Make Busy states are not considered active Agents for the purpose of Queue Threshold Alert.

Visual Indications

If your set is programmed to provide a visual alert, the indicator beside the **Queue Status** Feature Key indicates the three levels of alert as follows:

- a solid indicator beside the Line Select Key on your set indicates that the workload is below the first threshold limit programmed
- a slowly flashing indicator indicates that the workload is above the first but below the second threshold limit programmed
- a quickly flashing indicator indicates that the workload is above the second threshold limit programmed.

Audible Indications

For sets programmed for audible indications, the system provides the following different ringing patterns, depending on the threshold alert status:

- a single ring occurs when the longest waiting caller exceeds the programmed first threshold time interval
- a double ring occurs when the longest waiting caller exceeds the programmed second threshold time interval
- a single or double ring occurs when a previous threshold time interval is reverted to (i.e., when the longest waiting call is answered and the next longest waiting caller is in a different threshold level).

Queue Status

Agents may access the following queue-status information about their Group (Supervisors may query more than one Group):

- the number of active Agents in the Group
- the number of calls waiting for the Group (queue)
- the length of time that the longest call has been waiting for the Group.

Note: Agents in the Logged Out, Do Not Disturb, or Make Busy states are not considered active Agents for the purpose of Queue Status.

When You Need To Know A Group's Queue Status

- If your set is programmed with a Generic Group **Queue Status** Feature Key, press the key (for Supervisors, press the appropriate Specific Group **Queue Status** Feature Key).

ACD 2000 Supervisor Features and Capabilities

What is the Supervisory Position?

The Automatic Call Distribution (ACD) Supervisor position is for individuals who are responsible for the supervision of one or more Agent Groups. All Supervisor-related functions are programmed into the system by the System Administrator. While Supervisors can log in as Agents to perform similar activities, they have additional capabilities in order to support and monitor ACD Group activities. A Supervisor need only log in if they are performing Agent activities to answer ACD calls.

Several management and reporting statistics and information can be produced by the 3300 ICP, but are beyond the scope of this guide. Supervisors should consult with the System Administrator concerning the availability of other management tools.

The following Supervisor functionality is described in this section:

Queue Threshold Alert / Queue Status describes the meaning of threshold alert indicators and the means of accessing queue information for specific groups.

Silent Agent and Group Monitoring describes the procedure for silently listening to Agents' calls, and lists the benefits of and restrictions to this feature.

Conferencing describes the procedure for joining into a three-way conversation with an Agent and a caller under Silent Monitor.

Responding to Help describes the procedure for answering a Help request made by an Agent.

System Reporting Capabilities briefly describes the two types of reports that can be produced by the feature package. These reports can be used by management to study the effectiveness of the ACD operation:

- Real Time Events Records
- Station Message Detail Recordings.

Queue Threshold Alert / Queue Status

Supervisors may need to be alerted when any of two or more Agent Groups have exceeded programmed limits. For this reason, Supervisors may have two or more Specific Group **Queue Status** Feature Keys programmed on their set, each dedicated to a different Group's activities. Their operation and the alerts associated with them are the same as Generic Group **Queue Status** Feature Keys, which are detailed in "Queue Threshold Alert" and "Queue Status" in the Agent Features and Capabilities section of this guide.

Silent Agent and Group Monitoring

Silent monitoring allows you to listen to conversations between Agents and ACD callers, or between Agents and ACD callers in conference with a third party, in one or more Agent Groups.

Benefits of Silent Monitoring

Silent monitoring can be done either with or without an Agent's knowledge, depending on how this feature was set up by your System Administrator. If Agent notification has been programmed, the Agent you are monitoring will receive a Conference tone at the start of the monitoring period. Agents can only be monitored by one Supervisor at a time. When you are monitoring an Agent, neither the Agent nor the ACD caller can hear you. During Agent monitoring, you can join into the conversation by initiating a "Conference" as described later in this guide.

Restrictions to Silent Monitoring

- While monitoring, you cannot be interrupted by previously-activated features such as Camp On or Callback.
- During monitoring, you temporarily lose Hard Hold, Soft Hold, and Phonebook features.
- A call cannot be transferred to you while you are monitoring.
- An Agent who has a call on Soft Hold cannot be monitored.
- You cannot commence Agent monitoring if you have a call on hold.
- You cannot monitor calls that are directed to a recorded announcement until the ACD caller has been answered by an Agent.

- If you establish a conference during Silent Monitoring, you will not be placed automatically in Silent Monitor mode once the conference has ended. You must start over and re-establish Silent Monitoring following termination of the Conference.
- If you are responsible for monitoring more than one Agent Group, you must exit the Silent Monitor feature for the Group you are presently monitoring and then re-establish it for the next Group you want to monitor.

Using Silent Monitoring for Individual Agents

Silent Monitoring can be performed on- or off-hook.

To establish this type of Silent Monitor, perform the following tasks:

1. Lift the handset and listen for dial tone, if off-hook operation is desired. Otherwise, skip this step.
2. Press the **Monitor** Softkey.
3. Enter the Agent Identification (I.D.) Number or Extension number of the Agent you want to monitor. When you start to enter the number, a ← arrow appears. Use the ← Softkey to change incorrect entries.

If no conversation is taking place, you will hear silence, and the display will show the Extension number followed by WAITING.

If a conversation is in progress, or begins, you will hear a conference tone prior to the conversation, and the display will show the Extension number and the Agent's name.

When the conversation ends you receive Conference tone followed by silence until the next conversation begins. To join the conversation being monitored, refer to "Conferencing" later in this guide.

4. To exit Silent Monitoring, hang up your handset or press the **Cancel** Function Key.

Using Silent Monitoring for Agent Groups

Silent Monitoring can be performed on- or off-hook.

To establish this type of Silent Monitor, perform the following tasks:

1. Lift the handset and listen for dial tone, if on-hook operation is desired. Otherwise, skip this step.

2. Press the **Monitor** Softkey.
3. Enter the Agent Group Number you want to monitor. If no conversations are taking place in the Group, you will hear silence and the display will show the Group number, followed by WAITING.

If a conversation is in progress or begins, you will hear Conference tone prior to the conversation, and the display will show the Group number and the name of the Agent.

When the conversation ends you will receive Conference tone followed by silence until the next conversation begins. To join the conversation being monitored, refer to "Conferencing" later in this guide.

You may monitor a different Agent in the Group by pressing the ← Softkey. There is a brief period of silence between the removal of the first monitor and the creation of the second. When the ← Softkey is pressed, and there are no other conversations in the Group, you are returned to the original conversation.
4. To exit Silent Agent Group Monitoring, hang up your telephone or press the **Cancel** Function Key.

Conferencing

This feature allows you to join into a conversation that is being monitored. You, the Agent, and the ACD caller are joined in conversation. All parties hear the Conference tone when you start the Conference.

To start a Conference

1. Establish a Silent Agent or Group Monitor as explained in "Silent Agent and Group Monitoring".
2. Press the **Trans/Conf** Function Key to join the conversation. Silent Monitoring ends when the Conference begins.
3. To exit the Conference, hang up your telephone or press the **Cancel** Function Key. Following termination of a Conference you must start over and re-establish Silent Monitoring as described in "Silent Agent and Group Monitoring".

Responding to Help

As a Supervisor, Help requests are made to you by Agents under your supervision. These Help requests are initially for you to silently monitor a conversation in progress. Once you are monitoring your Agent and a caller they are in conversation with, you have the ability to remove your Silent Monitor and actively join the conversation in progress. You also have the option of discontinuing the Silent Monitor mode that was established when you responded to the Help request.

Help requests override any Call Forwarding, Do Not Disturb, or Re-routing that may have been established on your set. A Help request does not respond to Call Pickup from other sets.

If you are currently monitoring an Agent who requests Help from you, a delay of 5 seconds takes place at the Agent's set prior to the Agent's indication that Help is in progress. This is done so that the Agent doesn't necessarily know that monitoring was in progress.

If you are monitoring an Agent that requests Help from a Supervisor other than yourself, you receive a Conference tone, are temporarily removed from your monitor status, and return to the WAITING display on your set. This Conference tone indicates that this is not the normal completion of a call. When this Help session is completed, the original monitor is re-created and you receive Conference tone again to indicate that the active monitor condition has resumed.

If you have logged in as an Agent in addition to your supervisory role, Agents are able to request Help from you without knowing your location by using your Log-In I.D. number. This allows you to move freely from station to station. If you decide to log out during a Help or Silent Monitor session, the Log Out does not affect the session in any way until you hang up.

What Happens in a Help Request

When you receive a Help request from an Agent, your set emits a triple ring. HELP is displayed, followed by the Extension number and name (if programmed) of the Agent requesting Help.

To respond to the Help request:

1. Pick up your handset. Your set automatically goes into Silent Monitor mode and you hear the conversation in progress. HELP disappears from your display, but the Extension number and name (if programmed) remains displayed.

At any time during monitoring, you can either initiate a Conference or exit from the Help mode.

To initiate a Conference, press the **Trans/Conf** Function Key on your set. The display shows CONFERENCE and Conference tone is sent to the Agent only. You are now in Conference with the Agent and any other callers they are speaking to.

NOTE: Split allows you to break the conference and redirect the call to another party.

2. To exit from Help or Conference modes, hang up your telephone.

System Reporting Capabilities

The 3300 ICP is capable of producing many reports that can be used as management tools to study the effectiveness of the ACD operation. These reports may be presented in a variety of ways based on the software package used to generate them.

The categories of reports that pertain to ACD are Real Time Events Records and Station Message Detail Recordings (SMDR). It is beyond the scope of this guide to discuss these reports in detail, but a brief description of them is included to summarize their intended use.

Time Events Records

Real Time Events Records are used to record the activity of the entire ACD operation, and are available from the System Administrator. These records are divided into two groups: Call Events and Group and Path Statistics Events. Call Events report on individual ACD Agent activity, while Group and Path Statistics Events provide a cumulative report on Group and Path status.

Call Events

As ACD Agent activities occur, a report is generated to show the following:

- **Work Timer Start Event:** Indicates the start of the timer, for an agent's set with Work Timer programmed. Work timers are given only for answering ACD 2000 calls.
- **Work Timer End Event:** Signifies the end of the Agent's Work Timer, for both normal timer expiration, and timer cancelled by Agent.
- **Answer Personal Call:** Signifies the Agent answering a personal call, i.e., a non-ACD 2000 call.
- **Originate Call Event:** Signifies the Agent entering a conversation.
- **Agent Idle Event:** Signifies the Agent completing a personal call or, if no Work Timer is programmed on the Agent's set, any call.
- **Call Hold Event:** Occurs when an Agent puts a call on Hard Hold.
- **Call Hold Retrieve Event:** Occurs when an agent retrieves a call from Hard Hold.
- **Call Hold Abandon Event:** Occurs when an Agent's held party clears down (i.e., is answered) while on hold.

- Agent Log-In: Records each time an Agent successfully logs in.
- Agent Log Out: Records each time an Agent successfully logs out.
- Set Do Not Disturb (DND): Records each time a set is placed in the DND state.
- Remove DND: Records each time a set is removed from DND state.
- Set Make Busy: Records each time a set is placed in Make Busy state.
- Remove Make Busy: Records each time a set is removed from the Make Busy state.
- Answering Incoming ACD Calls: Records each time an Agent answers an ACD call that was directed to a Path, and includes the Agent I.D. number, extension number and Path Reporting number
- Agent Idle: Records the time when the Agent Work Timer expires or was cancelled. If the Work Timer is not in effect, the end of each call or the start of the Work Timer is recorded.

Path and Group Statistics Events

The Group and Path Statistics Events provide a cumulative report on Group and Path status. The events are generated once every 15 seconds (less frequently under high-traffic environments) for those Paths and Groups programmed to report statistics events. One additional event, a Refresh Reports event, is generated to signify the start of each new cycle of Path and Group Statistics events.

Station Message Detail Recording (SMDR)

SMDR contains additional details about call re-routing and call transfer. The following descriptions pertain to ACD-related SMDR reports:

- Time to Answer: Records the total time to answer a call
- Transferred Calls: Records each time a call was transferred
- Digits Dialed Field: Records the ACD Path that was called, each Group the call was presented to and the Group that answered the call. Paths and Groups are identified by their reporting numbers within the Digits Dialed field.
- Called Party Field: Records the Agent ID of the Agent that answered the ACD Path call.

Personal Directory

Your Extension Number: _____

Your Agent I.D. Number: _____

Your Supervisor I.D. Number: _____

Your Group Name/Number: _____

Use this table to record your frequently used numbers.

Name	Number

Use this table to record the feature access codes you are most likely to need on your telephone.

Feature	Access Code
Auto Answer	
Do Not Disturb	
Headset Operation	
Make Busy	

