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Telecommunication Systems Division

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Toshiba America Information Systems, Inc.
Telecommunication Systems Division
9740 Irvine Boulevard
Irvine, California 92618-1697
United States of America

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Introduction

This guide is designed to provide instructions for the Strata CIX Attendant Console, software version 1.40K or later, connected to Toshiba's Strata CIX system. It provides step-by-step instructions on how to use the features and buttons of the Attendant screens.

This user guide is divided as follows:

- **Chapter 1 – The Grand Tour** includes information on the CIX Attendant Console keyboard, the Main Menu, Toolbar, and other features for the Console.
- **Chapter 2 – Call Processing** explains how to perform the most commonly-used features, including answering, calling, and transferring calls.
- **Chapter 3 – User Directory** explains how the Attendant can view and make changes to the user directory that lists employees and groups.
- **Chapter 4 – Control Panel** provides descriptions and instructions for making console settings. These settings include the console Night Transfer Mode, Setting System Date and Time, Call Forwarding, Call Overflow and other settings affecting how calls are handled during or after your shift.
- **Chapter 5 – Call Statistics** explains how to display, print and export the Console's call statistics.
- **Chapter 6 – Administration** describes various administrative features which affect the console's capabilities.
- **Appendix – Call List** describes call status terms and reasons that appear in the Call List view.

Conventions

Conventions	Description
Note	Elaborates specific items or references other information. Within some tables, general notes apply to the entire table and numbered notes apply to specific items.
Important!	*Calls attention to important instructions or information.*
CAUTION!	**Advises you that hardware, software applications, or data could be damaged if the instructions are not followed closely.**
Extension Number	Press to answer a call to the Extension Number. Each station can have multiple extension buttons. Incoming calls ring the extension button(s) from the top down. For example, station 10's extensions ring 10-1 first, then 10-2, 10-3, and 10-4. A station is considered busy when all extensions are being used. **Note** The naming convention for DKT assignments within Toshiba is Directory Numbers. For clarity and ease of understanding, the terms Extension Number and Phantom Extension Number will be used in this document in lieu of PDN and PhDN.
Arial Bold	Represents keys on the keyboard.
+	shows a multiple PC keyboard or telephone button entry. Entries without spaces between them show a simultaneous entry. Example: **Delete**+**Enter**. Entries with spaces between them show a sequential entry. Example: **#** + **5**.
Tilde (~)	Means “through.” Example: 350~640 Hz frequency range.
➤	Denotes the step in a one-step procedure.
➤	Denotes a procedure.

Conventions	Description
Start > Settings > Printers	Denotes a progression of buttons and/or menu options on the screen you should select.
See Figure 10	Grey words within the printed text denote cross-references. In the electronic version of this document (Library CD-ROM or FYI Internet download), cross-references appear in blue hypertext.

Related Documents/Media

Note Some documents listed here may appear in different versions on the CD-ROM or in print. To find the most current version, check the version/date in the Publication Information on the back of the document's title page.

Refer to the following for more information:

- Strata CIX Attendant Console Quick Reference Guide
- Strata CIX Attendant Console Installation Manual
- Strata CIX WinAdmin Application Software and Documentation Library on CD-ROM

For *authorized users,* Internet site FYI (http://fyi.tsd.toshiba.com) contains all current Strata CIX documentation and enables you to view, print and download current publications.

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The Grand Tour 1

This chapter describes the Strata CIX Attendant Console, menu options and keyboard. It provides general instructions for PC keyboard operations and for navigating through the screens and dialog boxes.

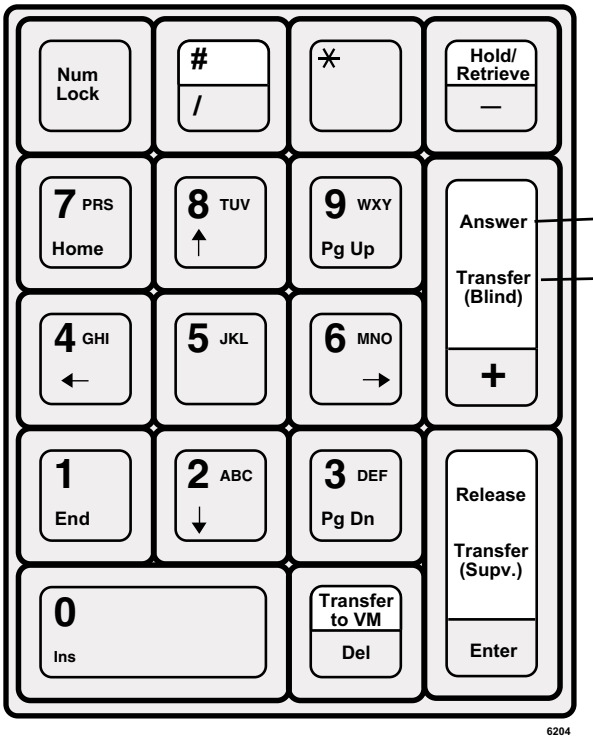
The PC for the console is designed to handle all call activity within a single screen. All calls appear in a single list. The CIX Attendant Console enables an Attendant to manage console settings, maintain a user directory, and make administrative changes. Calls are marked with icons to show the current status.

To make call handling as simple as possible, only the applicable features (tools) are offered on-screen.

Note Your console may not have all of these features enabled. See your System Administrator to find out which features are available on your console.

Attendant Keys

Numeric Keypad



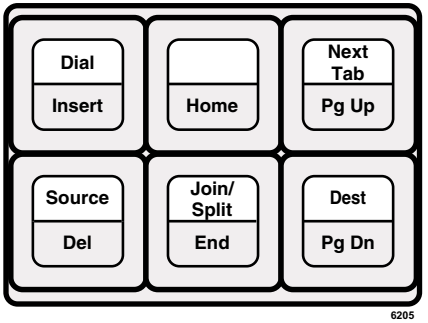
Some keys have multiple functions.

For example, press this key to Answer a call.

Then, you can press this key to Blind Transfer the call.

PC KEY	ATTENDANT KEY	DESCRIPTION
Minus (–)	Hold/Retrieve	Hold or Retrieve a call
Plus (+)	Answer Transfer (Blind)	Answer or Blind Transfer.
Enter	Release Transfer (Supv.)	Release or Supervised Transfer.
Del	Transfer to VM	Voice Mail Transfer.

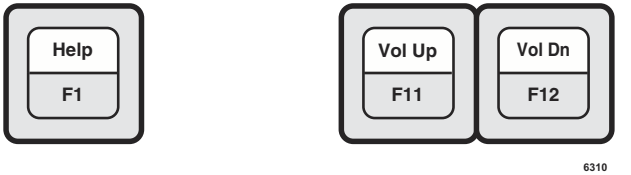
Special Function Keys



PC KEY	ATTENDANT KEY	DESCRIPTION
INSERT	Dial	Brings up the dial menu (you can then use the arrow keys to select a dialing option).
Pg Up	Next Tab	Navigation tool that starts with the Call List View, then moves from tab to tab. (See “Tabs” in the Call Monitor View shown on page 5.)
Del	Source	Connects to the source party.
End	Join/Split	Joins calls in a conference call; splits three-way conference.
Pg Dn	Dest	Connects to the destination party.

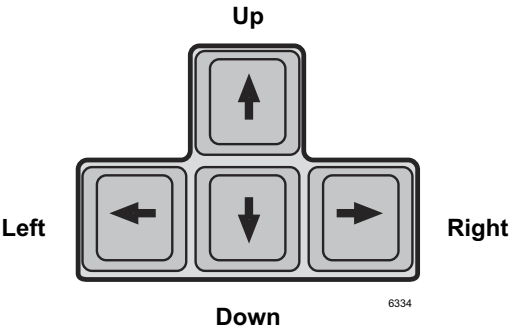
Special Attendant Keyboard stickers are available in beige (CTX-KL-ATCON-VA) and black (CTX-BL-ATCO-VA).

Function and Volume Keys



PC KEY	ATTENDANT KEY	DESCRIPTION
F1	Help	Displays the help topic.
F11	Vol Up	Increases the handset or the ringer volume.
F12	Vol Dn	Decreases the handset or the ringer volume.

Note If you place all the key stickers on your keyboard, you will have some leftover stickers. These are for frequently used features that you can program onto keys F2~F10, such as Page, Call Pickup, Park, Park Page, and Door Unlock. See "Feature Keys Tab" on page 46.



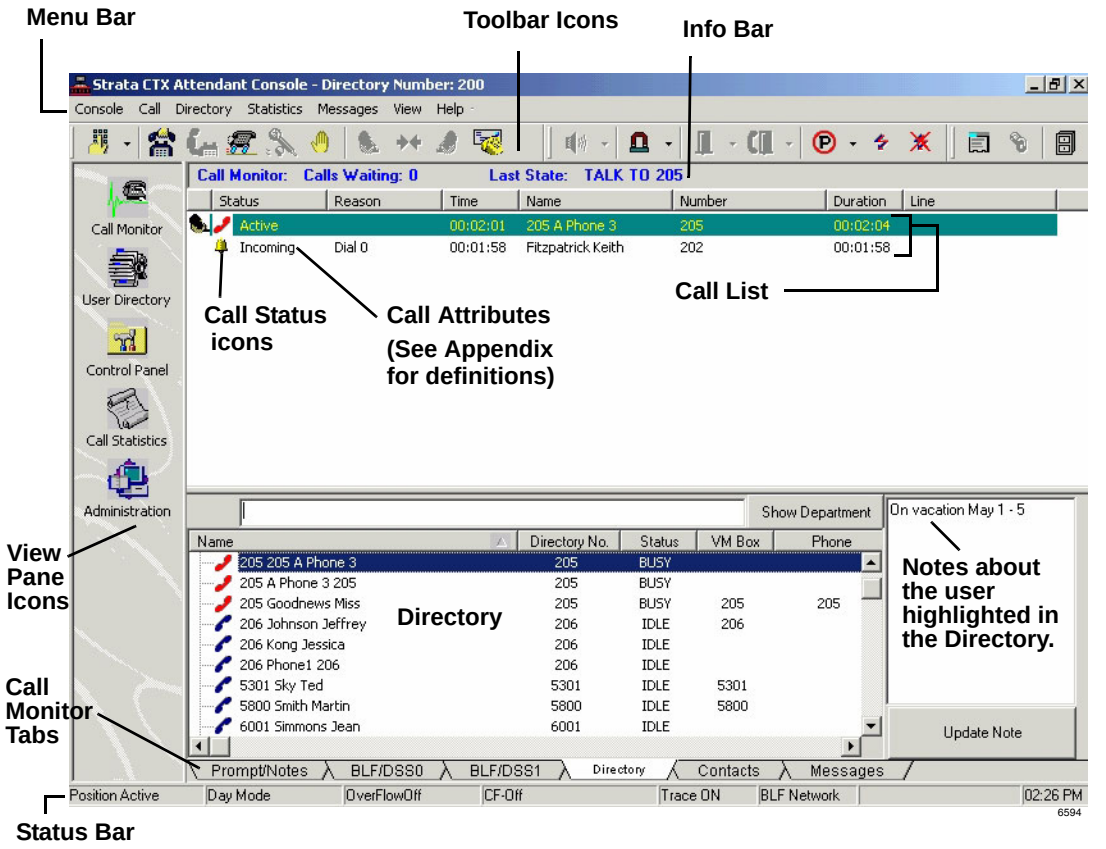
ARROW KEYS	DESCRIPTION
Up	Navigates upward to different entries.
Down	Navigates downward to different entries.
Left	Navigates to the left.
Right	Navigates to the right.

Views and Controls

The View Pane contains icons for Call Monitor, User Directory, Control Panel, and Administration views. Clicking an icon activates the corresponding work area view.

Call Monitor View

This view is used for controlling calls. It lists all current calls and has a toolbar for easy call control. The bottom portion of the screen has tabs for changing the lower window to items important to the Attendant. (See the window shown below).



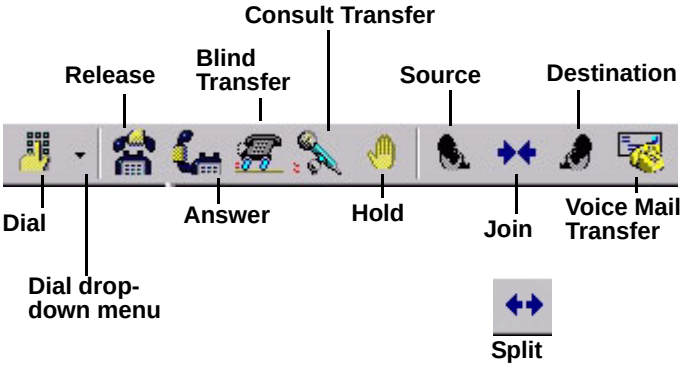
Menu Bar

The menu bar for the CIX Attendant consists of the Console, Call, Directory, Statistics, Messages, View, and Help menus.

Toolbars

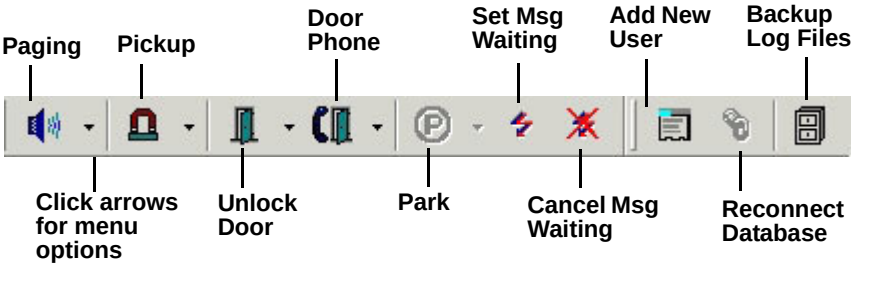
The toolbar contains icons for call handling (shown below). It is another option for performing many of the keyboard or menu functions. The icon name appears when you place your cursor over a icon.

Call Handling Toolbar Icons

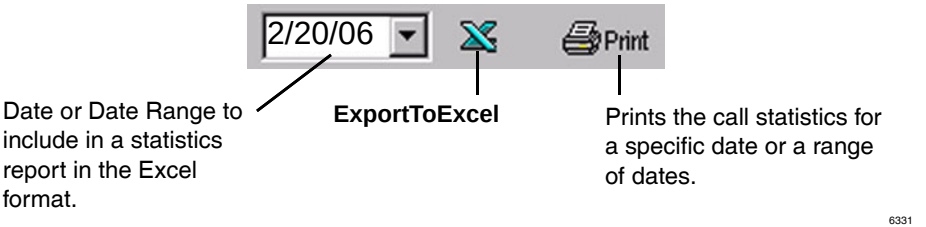


Optional Toolbar Icons

The call monitor toolbar may also contain the following optional icons:



Call Statistics Toolbar Icons



Info Bar

The Info Bar is on the top of Call List View. The Info Bar displays the number of incoming calls at the moment, LCD message and the last Park Orbit number.

Status Bar

This provides a quick overview of the console's status settings on the bottom of your screen. For more information, see "Status" on page 29.

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Call Processing 2

Many of the calling features in this chapter take advantage of the “hot” keyboard. When you start typing the name or extension number of an individual, the Strata CIX Attendant Console begins the dialing process or searches for a match in the directory for the person being dialed.

Important!

- ***If a DKT telephone is connected to the CIX Attendant Console PC, use the keyboard for all PC operations when the console is running. (When the console is in Position Busy, it is still running.)***
- ***When the Attendant Console software is not running, the DKT3001 telephone can be used for regular calling. Calls intended for an Attendant when the software is not running will follow the Alternate Destination programmed in Strata CIX. Only calls directed to the DKT’s primary extension number will ring the phone.***
- ***Also, if the handset interferes with the headset, you can unplug the handset while using the headset.***

Login



1. To login, double click on the Strata CIX Attendant Console icon

   ....or click on the icon in the Microsoft Windows Start menu bar

   ...or select Start > Programs > Strata CIX Attendant > Strata CIX Attendant Console.
2. Select User ID.
3. Type the password (default is empty), press Enter or click OK.

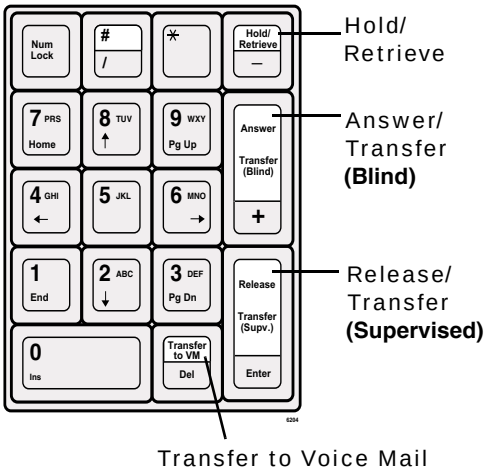
Answering Incoming Calls

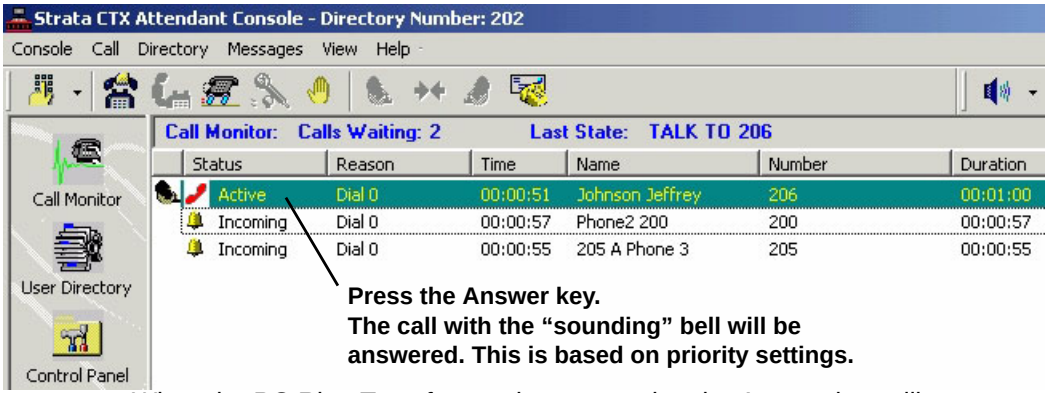


➤ To answer the highest ringing call, press Answer (+) key on the keyboard

...or click the Answer icon

...or double click on the entry.





When the PC Ring Tone feature is on, pressing the Answer key will answer calls without the 'sounding bell.' However, calls with the "sounding" bell will be answered first.

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Once a call is answered, that call is marked with the Source Call icon and is colored green while connected to the Attendant.

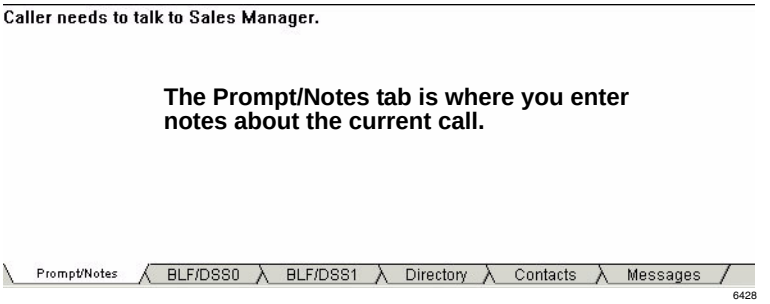
➤ **To answer a specific call**

➤ Highlight the call using the Up/Down arrows on your keyboard, then press Answer

...or double click on the call to answer.

➤ **To make notes about the current call**

➤ Press Next Tab or click the Prompt/Notes tab, then click in the text area with your cursor and type notes (shown below). The notes disappear when you disconnect.



Prompts

➤ To use answering Prompts, click the Prompts/Notes tab and answer according to the on-screen prompt. (Example: “Toshiba America, Telecom Division.”)

If prompts have been entered, they appear on-screen (in the Prompts/Notes tab section, see above) when a call comes in that fits the prompt criteria. Prompts may remind you how to answer for a particular line, line group, or entire company.

There are two requirements to create prompts: One, prompts must be entered in the Control Panel, Prompts tab. Two, in Administration, on the Admin tab, “Activate Line Prompt” must be checked.

Releasing a Call

➤ While on an active call, press Release (Enter) on the keyboard



...or click the Release icon

...or select Call > Release.

Making a Call

➤ **To dial using the keyboard**

➤ Type the number on the numeric keypad, press Release/Transfer (Enter) on the keyboard.

Note If the console is idle when you dial, the view changes to the Directory tab view.

➤ **To dial a number from an on-screen dial pad**



1. Press Dial (Insert) key

   ...or click the Dial Pad icon down arrow, the select the Dial Pad

   ...or select Call > Dial > Dial Pad.

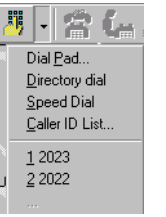
2. Enter the number, click Dial.

➤ **To redial the last number**



➤ Press Alt+C, press L, then select the dialed number

...or click the Dial icon down arrow, select one of the recently dialed numbers at the bottom of the menu.



➤ **To dial a number from call history**



1. Press Alt+C, press L

   ...or select Call > Dial > Caller ID List. A list of recently received calls displays. The list shows calling numbers, the time of the calls, and whether each call was answered or abandoned.

2. Select a number, press Dial.

➤ **To dial a speed dial number**



1. Press Alt+C, press L, then select Speed Dial

   ...or click the Dial icon drop-down arrow, select Speed Dial.

   ...or select Call > Dial > Speed Dial.

   The console's Speed Dial numbers display.
2. Select a Speed Dial number, click OK.

Call Completion

Call Completion codes are options for when you encounter busy or Do Not Disturb (DND), or other conditions that prevent you from completing a call. These codes enable you to override these conditions or to use another method to reach someone.

➤ To complete a call using Call Completion Codes, enter the number on your keypad that corresponds with the desired code described below.

Call Completion Codes

Numeric Keypad Button	Description
1	Always set the ring mode to Tone First or override a busy/DND call.
2	Set the ring mode to Voice First always or override a busy/DND call.
3	Intrude into a busy/DND call (ExecOverride).
4	Set callback on a busy or ringing call.
5	Perform manual Off-hook Call Announce (OCA) or set the ring mode to Voice first always or override a busy/DND call.
7	Set Message Waiting light on other phone.

...or

➤ Click Call > Call Completion, then select Tone/Voice, Busy Override, Executive Override, Call Back, or Set Message Waiting/Cancel Message Waiting.

BLF/DSS Dialing

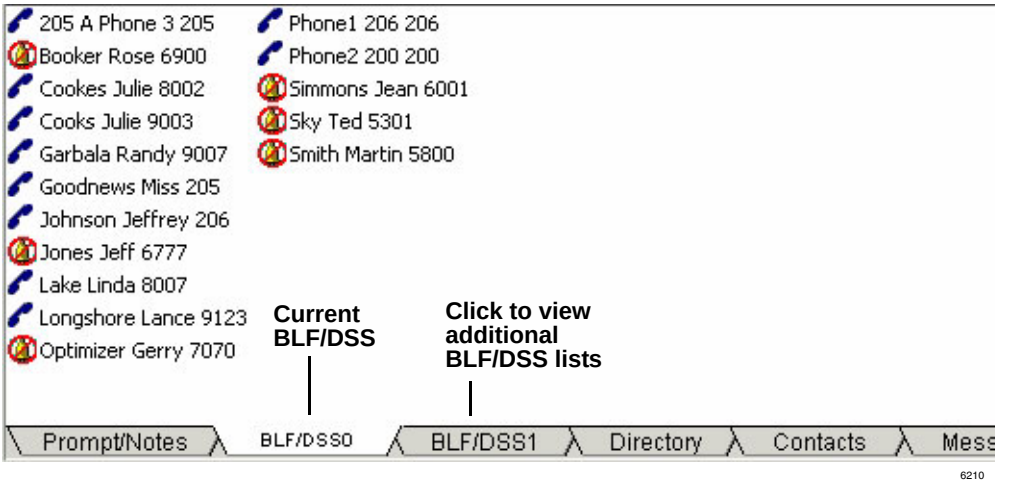
The Busy Lamp Field/Direct Station Selection (BLF/DSS) tab provides a list of users, their extensions, and telephone status (icons). You can make calls from this tab.

1. Press Next Tab on the keyboard to select the BLF/DSS tab.
2. Use the up or down arrows on the keyboard to select an individual.
3. Press the Enter key on the keyboard (not the numeric keypad) or double click on the individual that you want to call.

...or

1. Click the BLF/DSS tab.
2. Press the Enter key on the keyboard or double click on an entry

   ...or select an entry, then double click on the individual that you want to call.



Status icons indicate these calling conditions.

Station Idle		Station Idle with Advisory Message	
Station Busy		Station Busy with Advisory Message	
Station DND or “Not attached to the local system”		Station DND with Advisory Message	

Note If your CIX telephone system is networked to another CIX system (using R1.2 or later software), you can see BLF/DSS information for all users. When using versions prior to CIX 1.2, vacant stations and pilot numbers on a remote networked system appear in DND status. With R1.2 and higher, these stations will appear idle on the BLF.

➤ **To make a consultation transfer from the BLF/DSS tab**

1. With a connected call, click on the destination party. Your console shows "Announce" and you can announce the call.
2. Press Transfer (Enter) on the keyboard to send the call to the destination party.

➤ **To perform a blind transfer from the BLF/DSS tab**

➤ With a connected call, double-click on the destination party. The call immediately leaves the console and calls the destination.

Note You can customize the order of the names from the User Directory. See Chapter 3 – User Directory for more details.

Number of BLF tabs

The number of BLF tabs that appear on your screen varies according to the display setting on your PC (see below):

Display Setting	Maximum Number of BLF Tabs
600 x 800	3
1024 x 768	5
1152 x 864	7

Directory Dialing

The Directory tab lists the names, extensions, status, Voice Mail (VM) box, and additional phone numbers of everyone in the directory. The information in the directory is entered from the User Directory (see Chapter 3 – User Directory). It is stored in the CIX Attendant Console Database.

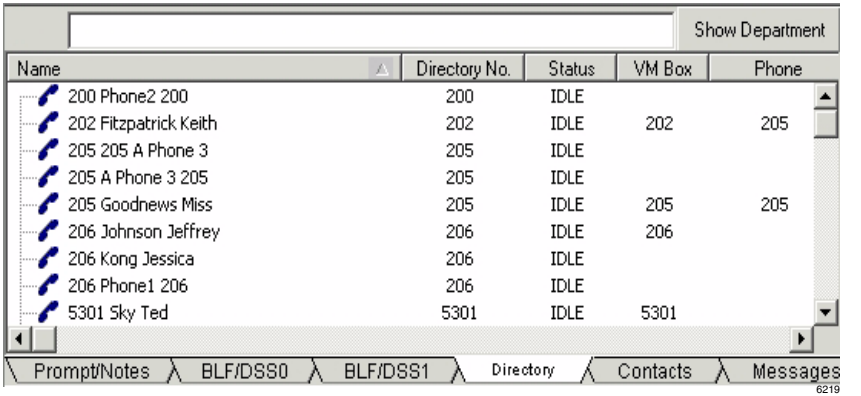
The status icons are the same as the BLF/DSS. There's also a field for Notes (far right, not shown) on each entry.

1. Press Next Tab on the keyboard to select the Directory tab or after answering a call, begin entering the name or number.
2. Use the up or down arrows on the keyboard to select an individual.
3. Press Release/Transfer (Enter) key on the keyboard.

...or

1. Click the Directory tab (shown below).
2. Double click on an entry or select an entry and press Release/Transfer (Enter) on the keyboard.

Note If you dial a number that your console is not permitted to use, "Invalid" displays in the grey area above "Name."



Show Department/Show All

1. Click Show Department to view the directory by department or Show All to view individual listings. Departments are created in the Administration view.
2. Click the “+” in front of the Dept. Name to display department members

   ...or while in Dept. View, type the Dept. Name. Department members display.

Hold

➤ **To hold a call**

➤ To put the current call on hold, press Hold/Retrieve



...or click on the Hold icon. You can also select an active call in the call list, then select Call > Hold.

➤ **To retrieve a held call**

➤ Highlight call to be retrieved, press Hold/Retrieve



...or highlight the call to be retrieved, then double-click on the call in the call list

...or highlight the call to be retrieved, select Call > Hold/Retrieve/Return.

...or click the Hold icon again.

Call Transfer

Blind Transfer

Blind transfer is when you perform an immediate transfer without announcing the call to the destination party.

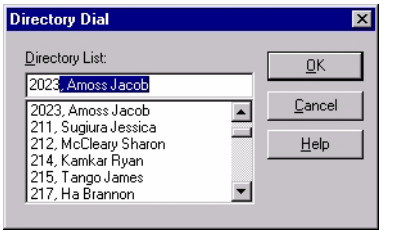


➤ While on an active call, dial the destination party on the numeric keypad. Press Transfer (Blind) (+) on the keyboard

...or click on the Blind Transfer icon

...or select Call > Transfer > Blind transfer. Enter destination party from the number keypad. The Directory Dial window appears (shown right), and the matching entry is shown in the top window.

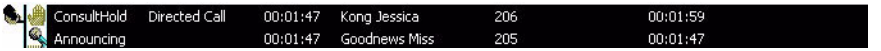
If an exact match is not found, scroll and select a name/number, click OK.



➤ **To make a supervised transfer call**



1. While on an active call, dial the destination party on the numeric keypad, press Transfer (Supv.) (Enter) on the keyboard.
2. Announce the call (optional). The first party is put on ConsultHold, while you announce to the second party (shown below).



3. Press Transfer (Supv.) (Enter).

➤ To set up the Supervised Transfer call, select Call > Setup Conference. Enter the destination party, then click OK, announce the call. Press Enter to transfer.

When selecting the destination party from the BLF/DSS, Directory or Contact tabs, the CIX Attendant Console automatically transfers the call if the default transfer flag in Admin View is enabled. CIX Attendant Console performs consultation transfer if the default transfer flag is disabled.

➤ To transfer a call to voice mail

1. While connected to a call, enter the extension number to transfer to.
2. Press Transfer to VM (Del) on the keyboard. Call goes to Voice Mail

   ...or while connected to a call, select Call > Transfer > Voice Mail Transfer, enter the destination extension, and press Enter.



...or

1. While connected to a call, click the Transfer to VM icon.
2. Enter the extension number to transfer to.
3. Press Enter or click OK.

Conference Calls

Joining and Splitting a Call



➤ With calls on source and destination, press Join/Split.

...or select Call > Join/Split. The CIX Attendant creates a three-way conference.

➤ **To add another destination party to the conference with the Attendant**

1. While in a conference ("conferenced" shows on-screen), dial the extension to add, press Release (Enter).
2. After the dialed party answers, press Join/Split (End). The CIX Attendant joins the active call and the consultation call. Up to eight parties can be conferenced.

   ...or select Call > Join > Join/Split.

➤ **To split a three-way conference call**



➤ Press Join/Split. This applies to three-way conference only.

...or select Call > Join/Split.

➤ **To release the last party from a conferencing call**

➤ Select Call > Release Last Party.

Switching Between Source and Destination Parties

Note You can switch between Source and Destination parties (swap) when two calls are conferenced together with the Attendant.



➤ To switch to the source party, press Source (Delete)

...or select Call > Source.



➤ To switch to the destination party, press Destination (Page Down)

...or click on the Destination icon.

Note If the Attendant leaves the conference the first station assumes control of the conference.

Paging

You can make paging announcements to a primary or alternate page zone. See your System Administrator for a definition of the page zone areas.

Note You can assign one of the function keys (F2~F10 on your keyboard) as the Page key. See "Feature Keys Tab" on page 46.

➤ To page the primary page zone



1. Click the Paging icon. The current call is placed on hold if the administration option "Automatic Hold" is enabled.
2. Make an announcement over the paging system.

   ...or click the Page icon down arrow, select Primary Page

   ...or select Console > Page > Primary Page.

➤ To page an alternate page zone



1. Click the Paging icon down arrow, select Alternate Page

   ...or select Console > Page > Alternate Page
2. Click the down arrow and select a paging zone.
3. Click Paging.

➤ To make an emergency page

1. Click the Paging icon down arrow, select Emergency Page

   ...or select Console > Page > Emergency Page.
2. Click the down arrow and select a paging zone.
3. Click Emergency. Console will override any page going to that zone.

Call Pickup

Call pick up provides a variety of ways for calls ringing at other stations to be picked up at this location. Some of these options require additional digits to be entered to select the CO line, a group, or station.

Note You can assign one of the function keys (F2~F10 on your keyboard) as the Call Pickup key. See "Feature Keys Tab" on page 46.

➤ To pick up a call at the primary location



1. Click the Pickup icon

   ...or select Console > Call Pickup > Primary.

   The Pickup icon defaults to the Primary Pickup option.
2. Click the down arrow to select the Pickup Held/Ringing station.
3. Click Pickup.

➤ To pick up a call at an alternate location

1. Click the Pick Up icon down-arrow, select Alternate Pickup.
2. From the Call Pickup window, select a category and click the down arrow to select a line or station to pick up.
3. Click Pick Up.

Call Door Phones

Note You can assign one of the function keys (F2~F10 on your keyboard) as the Door Phone icon. See "Feature Keys Tab" on page 46.

➤ To call the primary door phone



1. Click the Door Phone icon

   ...or select Console > Door Phone > Primary Phone.

   If only one Door Phone was programmed in the system, the console calls the Primary Door Phone. If more than one Door Phone was programmed, continue to the next step.
2. In the Door Phone window, click the drop down arrow to select the door phone, click Door Phone.

➤ To call the alternate door phone

1. Click the Door Phone icon drop-down arrow, select Alternate Phone

   ...or select Console > Door Phone > Alternate Phone.
2. In the Door Phone window, click the drop down arrow to select the door phone, click Door Phone.

Door Unlock

Calls from Door Phones appear as a call in the call window. These calls can be answered in the same way any other call is handled. Some CIX installations provide the ability to unlock the door with the Door Unlock icon.

Note You can assign one of the function keys (F2~F10 on your keyboard) as the Door Unlock key. See "Feature Keys Tab" on page 46.

➤ To unlock the primary door



1. Click the Door Unlock icon. If only one door was programmed in the system, the primary door unlocks. If more than one door was programmed, continue to the next step.
2. Select a door from the Door Unlock list down arrow, click Unlock.

➤ To unlock an alternate door



1. Click the Door Unlock icon drop-down arrow. Performs same function as Console > Door Unlock.
2. Select Alternate Unlock.
3. Click the down arrow, select a door to unlock.
4. Click Unlock.

Call Park

Note Function keys (F8~F9 on your keyboard) for the Park and Park & Page keys are fixed in software version 1.40K and later.

➤ To park a call

1. Select a call.
2. Enter an extension.



3. Press the F9 key. The call is Parked and will remain on screen.

➤ To select primary park, alternate park, or retrieve

1. Select a call.
2. Click the Park icon down arrow, then select a park option



...or select Call > Park, then select a Park option. The call will remain on the screen.



If you select Primary or Alternate Park, you can choose one of the following:

- **Station** enables you to type or select a park station.
- **Auto** enables the system to select a park orbit to park the call.
- **Park** button parks the call and enables you to make a page announcement.
- **Park Page** button enables you to park the call per your selection (left side of this window) and to then make a page announcement.

➤ To retrieve a parked call

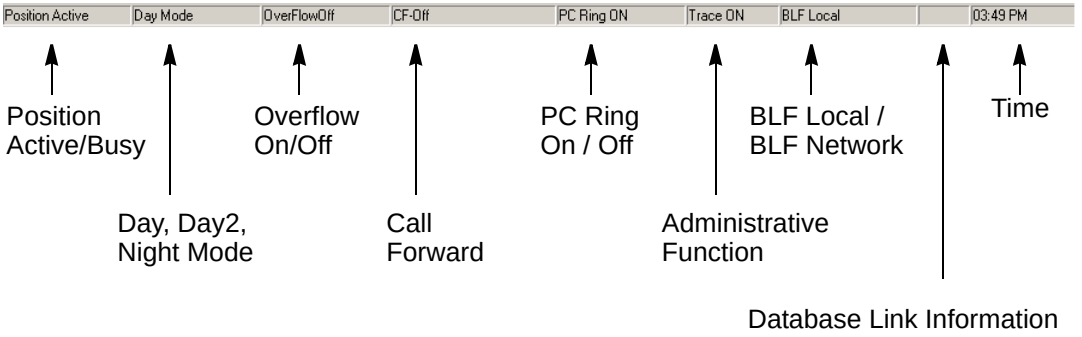
1. Double click on the call in the call list view area.

➤ ...or select Call > Park Retrieve.

2. In the Call Retrieve dialog box, type or select an orbit or extension number, then click Retrieve.

Status

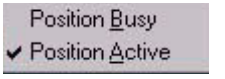
The functions and descriptions for the Attendant status are as follows:



FUNCTIONS	DESCRIPTION
Position Active/Busy	Enables you to set Position Busy or Position Active.
Day/Night Mode	Enables you to set Day, Day 2, or Night Mode.
Overflow On/Off	Enables you to set Overflow on or off.
CF-Setting	Enables the Attendant to determine what kind of Call Forwarding is available: No Call Forwarding, All Calls or External calls. All the items are dynamically inserted into the Call Forward menu.
PC Ring On/Off	PC Ring Tone On or Off. Provides ringing at each console through a speaker attached to a sound card in the PC.
Trace ON	Ignore. Used for the troubleshooting purposes.
BLF Network/Local	If your Strata CIX telephone system has the networking feature and the ability to retrieve network information, then “BLF Network” displays; otherwise, it displays “BLF Local.”
Database Link	Display “Database Link Broken” in red when Database is disconnected. No text is displayed when Database is connected.
Time	Enables the Attendant to set the date and time at the PC by pressing Change PC button.

➤ To change console, overflow, night mode or call forward (CF) destination status

➤ Right click on the current status on the Status bar, then select the new choice.

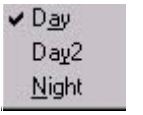


...or

1. Click Console > Console Status, Overflow, or Day/Night Mode or Forwarding. A menu displays (shown right).

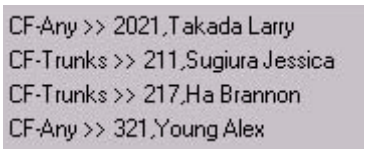


2. Click the new choice. The new status displays.



Notes

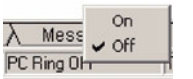
- The CF destinations are defined by the Administrator (see "Call Forward (CF) Settings" on page 43).
- Call Forward applies only to the Attendant Console extension number. It does not forward the calls in queue.



➤ To change PC Ringing

➤ Right Click the **PC Ring** icon, then select On or Off

...or select Console > PC Ring Tone on All-Calls.



➤ To fix a broken database link



➤ Click the Reconnect Database icon

...or select Directory > Reconnect Database.

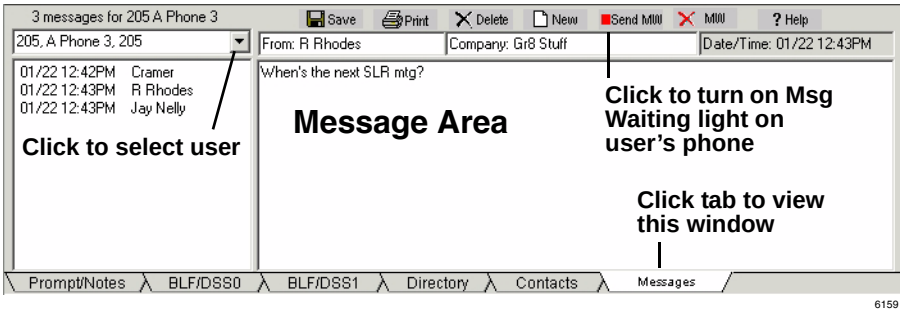
If the screen shown right appears, the link is still broken. Contact your Telephone System Administrator.

➤ To change date and time

1. Right click on the current time showing. The Date and Time dialog box displays.
2. Type or select new settings, click Apply.
3. Click OK. Date/Time window closes.

Messages Tab

This tab enables you to view existing messages or add a new message for a person listed in the Directory. You can save, delete or print messages. Messages are stored in a shared file directory available to any CIX console in your telephone system.



➤ **To take a message for a user**

1. Click the Messages tab.
2. With the message displayed, pull down the list of names and scroll to find message recipient. Enter characters to speed scroll down to the letters entered.
3. Begin the message by entering the name of the person the message is from and optionally a company name. The date and time will automatically be entered.
4. Tab down to the message area and enter a text message.
5. Click the Save icon to store the message in that person's folder
6. Click the Send MW button to turn on the Message Waiting light on the user's telephone.



Message Waiting Light

If you call a busy telephone, you can set a Message Waiting light so that they will return your call.

➤ **To set a message waiting light on a telephone**



➤ From the Messages tab, you can select a user and click the Send MW button

...or you can



1. Click the Message Waiting icon.
2. Type or select a directory number.
3. Click OK. The Msg light turns on at that station. When the user presses the Msg button, the console is called

➤ **To cancel a message waiting light on a telephone**



1. Click the Cancel Message Waiting icon.
2. Type or select a directory number.
   Click OK. The Msg light turns off at that station.

...or



1. Click the Messages tab.
2. Click the down arrow, and select a user name in the left window.
3. Click the MW Cancel button.

➤ To retrieve messages for a user

When the user calls the Attendant console, the Message Tab automatically pops up and that user's messages will be listed in the left hand box.

1. If the user calls from a non-matching phone or calls in from the outside, select the user's name from the drop-down directory listing.
2. Highlight any message and the details appear in the right-hand window.

➤ To retrieve messages left for the console

1. Press Next Tab on the keyboard to access Call Monitor View.
2. Use the up or down arrows on the keyboard to select the message.
3. Press Answer/Transfer (Enter) key on the keyboard.

   ...or double click on the message waiting call in the call list (see example below). Your console will call the station that left the Message.



➤ To delete a message for a user

1. Click the Messages tab.
2. Click on name of a user, select the message, then click the Delete icon.

➤ To print one or all messages

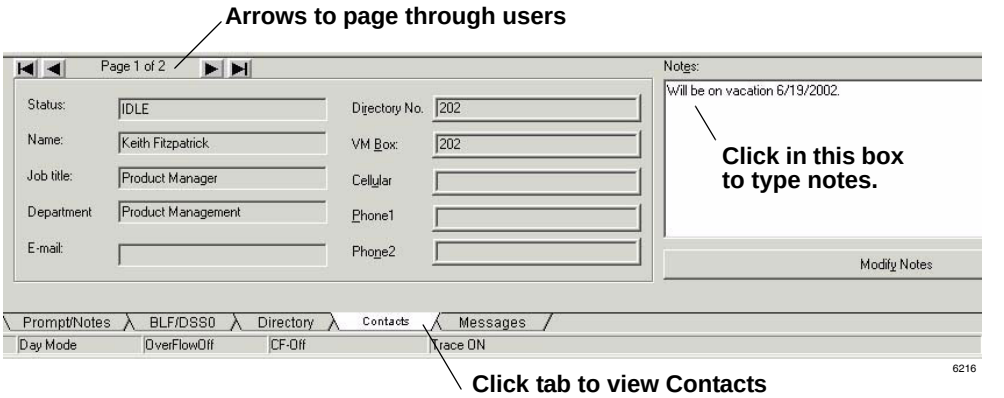
1. Click the Messages tab.
2. Select the message(s), click the Print icon.

Contacts Tab

This tab provides the complete contact listing for one individual on the screen. The only item that can be changed from any Attendant position is the Notes field.

➤ To view contacts, click the Contacts Tab, use the arrow buttons to move from contact to contact.

Note The fields Status, Name, Job title, Department and e-mail are usually edited by the Administrator.



➤ To dial using contact information

➤ To dial an alternate number from the user directory, right click on an entry in the BLF/DSS or right click in the Directory tab. The CIX Attendant Console displays the Contacts tab for that entry.

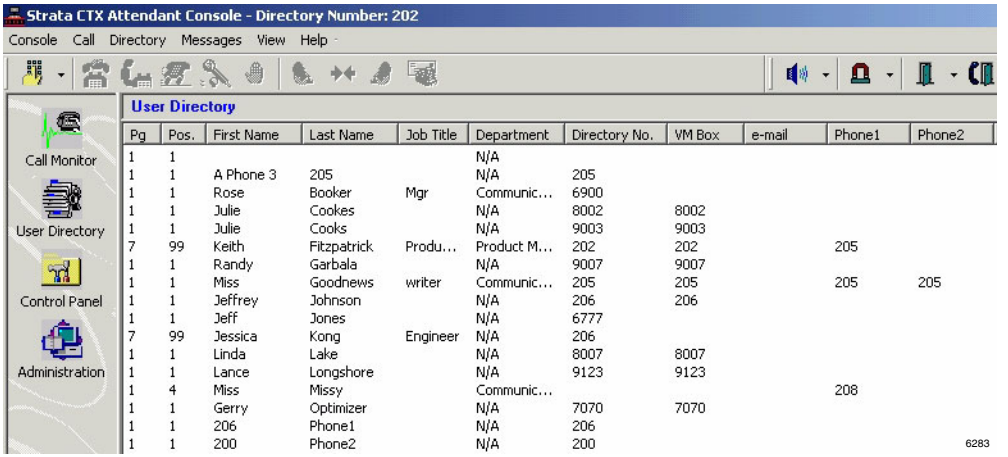
➤ To dial a phone number in the Contacts tab, double click on the phone number or select the phone number and press Release/Transfer (Enter) on the keyboard.

➤ To add a note

1. Click in the Notes box, type a note.
2. Click the Modify Notes button. The first few words of the note appear in the Directory tab view as calls are dialed or transferred, or if the associated user's name is highlighted in the directory. This is useful for noting when users are on vacation or out of the office. (See "Call Monitor View" on page 5.)

User Directory 3

You can create/add/delete users to the Directory. The User Directory List view also enables any Attendant to view the employees and groups in the user directory (shown below).



The following fields appear in the User Directory list:

FIELD	DESCRIPTION
Pg.	Page number where this entry appears on BLF/ DSS.
Pos.	Position of this entry on the BLF/DSS tab page.
First Name	The user's first name.

FIELD	DESCRIPTION
Last Name	The user's last name.
Job Title	The user's job title.
Department	The user's department.
Directory Number	The user's directory number.
VM Box	The user's voice mail box.
e-mail	The user's e-mail address.
Phone 1	The user's additional phone number.
Phone 2	The user's additional phone number.
Phone 3	The user's additional phone number.
Cellular	The user's cellular phone number.

The following operations are allowed in the directory list:

- Clicking the column heading of the list view sorts the entries in ascending order. Clicking the column heading again sorts the entries in descending order.
- Right click on an entry to display the user directory dialog.

User Directory Dialog

The user directory dialog enables you to add/change a single directory entry. Only the Notes can be changed, unless you are an Administrator. Additions or changes to the Directory are stored in the CIX Attendant Console Database.

➤ **To add a new user to the directory**

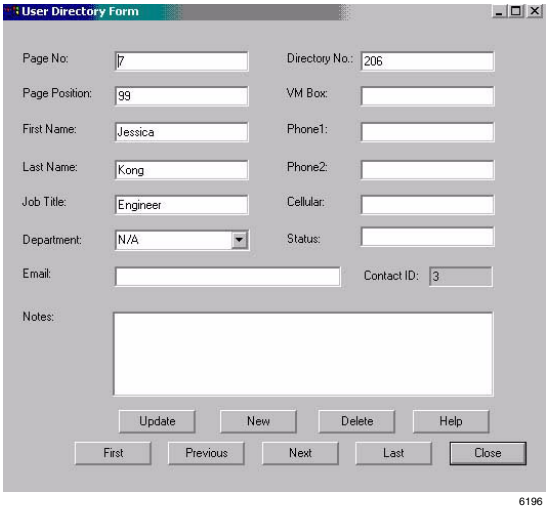


➤ Click on the New User icon
...or select Directory > Add New User.

➤ **To change a directory entry**



1. Click on the User Directory icon.
2. Right click on a name in the directory window
3. After making new or changing entries, select Directory > Update Directory to update the Directory tab screen and the BLF tab screen.



The fields are the same as described in the User Directory view. The following are buttons found on the User Directory Form dialog box.

BUTTON NAME	DESCRIPTIONS
New	Blanks out all the fields. The Update button changes to Add button after clicking the New button.
Add	Insert a user to the user directory list. The Add button changes to Update button after clicking the Add button.
Update	Update a user's information.
Delete	Delete a user from the user directory list.
First, Previous, Next, Last	Show the first user, previous user, next user, or last user.
Close	Exit the user directory dialog.

Note The Operator Attendant can only perform the following operations: Update the notes, View the first, previous, next and last user and close the dialog.

Directory Lists

You can import and export files created in Excel into the Console's directory. We suggest that you create a few users in the directory as described previously, then export the directory for updating.

You may find it more convenient to create a directory while the console is offline (not processing calls).

➤ **To create a directory list offline**

1. Create a file in Excel or edit an exported directory list.

Important! *If you are creating a brand new file in Excel, you must have the exact number of columns that the Attendant directory contains.*

2. Type in the directory entries.

3. When you have completed your list, type the word “End” (no quotes) in the last row, first column of your Excel file.

➤ **To import a directory list (This function is only enabled in the offline console)**

1. Click Directory > Import Directory.
2. Click Browse, locate and highlight the directory Excel file to import.
3. Click OK.

➤ **To export a directory list**

1. Click Directory > Export Directory.
2. Select a location to export the directory.
3. Click OK.

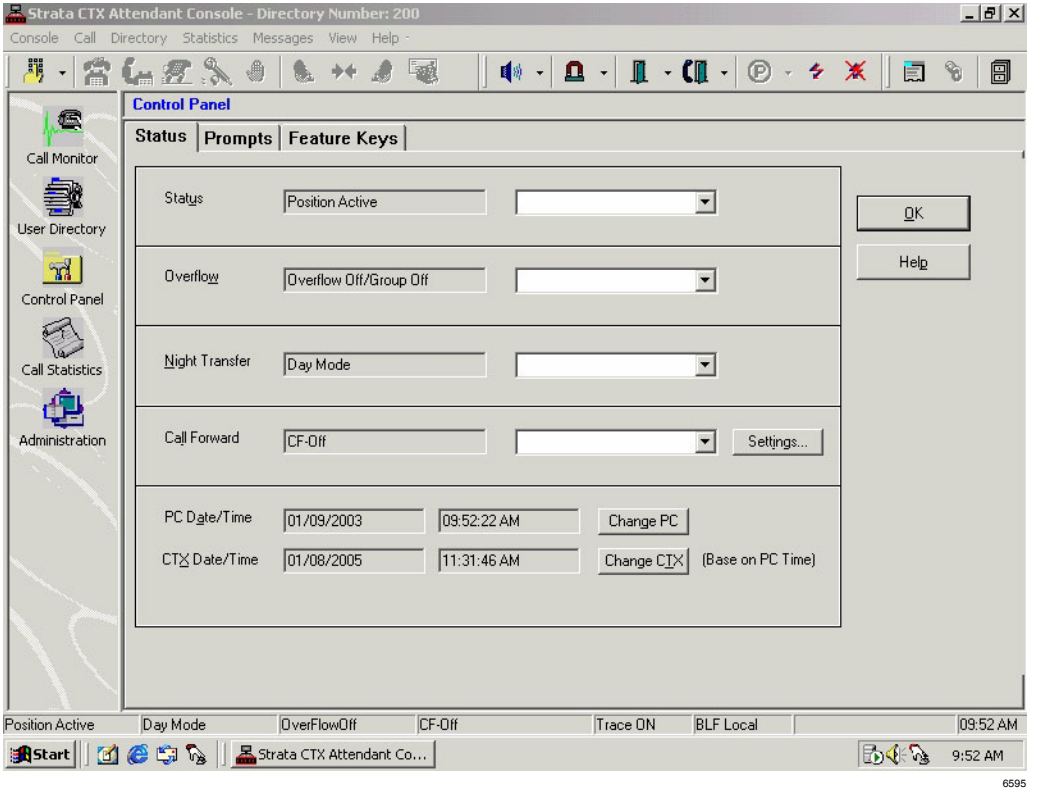
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Control Panel 4

This chapter explains how to set the console control features, such as setting a Call Forward destination, night time call handling, etc. Console control features are generally those that you set at the beginning and end of your shift.

Control Panel View

The Control Panel view contains the Status, Prompts and Feature Keys tabs.



Status Tab

The status tab enables you to view and edit details of the status bar items.

Position Busy/Active

When there are multiple Attendant consoles to handle calls, you can place a console in Position Busy status. Held and transfer recalls continue to ring the console that processed them. When the last console in the Attendant group is placed in Position Busy mode, the entire group is considered unattended. All calls will be directed to the Alternate Destination location when the entire group is unattended.

The console is placed in a Position Busy Pending state if you are connected to a call, making an outgoing call, holding, or if you are in ring transfer mode. When you have completed call handling, the console enters Position Busy mode.

➤ **To change console status to position busy/active**



1. Click the Control Panel icon.
2. Select the Status tab, then use the drop-down list to select Position Busy or Position Active.

Overflow On/Off



1. Click the Control Panel icon.
2. From the Status tab, use the pull down the list to select the Overflow On/Overflow Off.

Night Transfer

You can set the console to transfer after-hours calls to a different station. After Hours call routing can be set for three different modes: Day, Day2, and Night mode based upon settings in the Strata CIX system.



1. Click the Control Panel icon.
2. From the Status tab, use the pull down the list to select Day, Day2, or Night mode.

Call Forward (CF) Settings

The Call Forward (CF) menu selections are created or set from the Control Panel.

➤ To create call forward menu items



1. Click the Control Panel icon.
2. From the Status tab, use the Call Forward pull-down the list to select the type of Call Forward.

   ...or to create a new Call Forward destination, click the Settings button. Click the CF drop-down box to select a CF call type (Trunks or All). In the next box, select a CF destination, click Apply.

   ➤ To delete a CF menu item, follow the above instructions and click Delete (instead of Apply in the final step).

To select CF for the console (after the menus have been created), refer to "To change console, overflow, night mode or call forward (CF) destination status" on page 30.

Call Forward applies only to the Attendant Console extension number. It does not forward the calls in queue.

Date/Time

The date and time can be set using the PC's internal clock. This clock can be changed.

➤ To set the PC date and time



1. Click the Control Panel icon.
2. From the Status tab, click the Change PC button to bring up the Windows clock setting routine. Make any changes necessary to correct the time.
3. Click Apply, click OK.

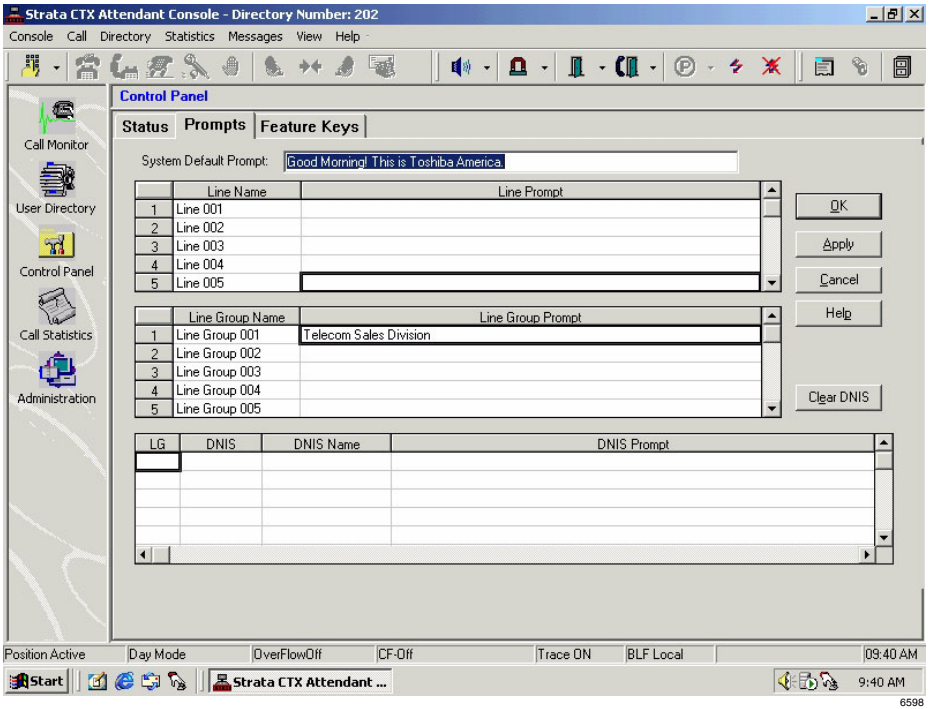
➤ To set the CIX time to match the PC date and time



1. Click the Control Panel icon.
2. Click the Change CIX button. The time should change in this window and on the associated LCD telephones.

Prompts Tab

This tab enables you to type in prompts for incoming calls through outside lines, as well as for specific lines and dialed numbers (DNIS).



➤ **To store a prompt**

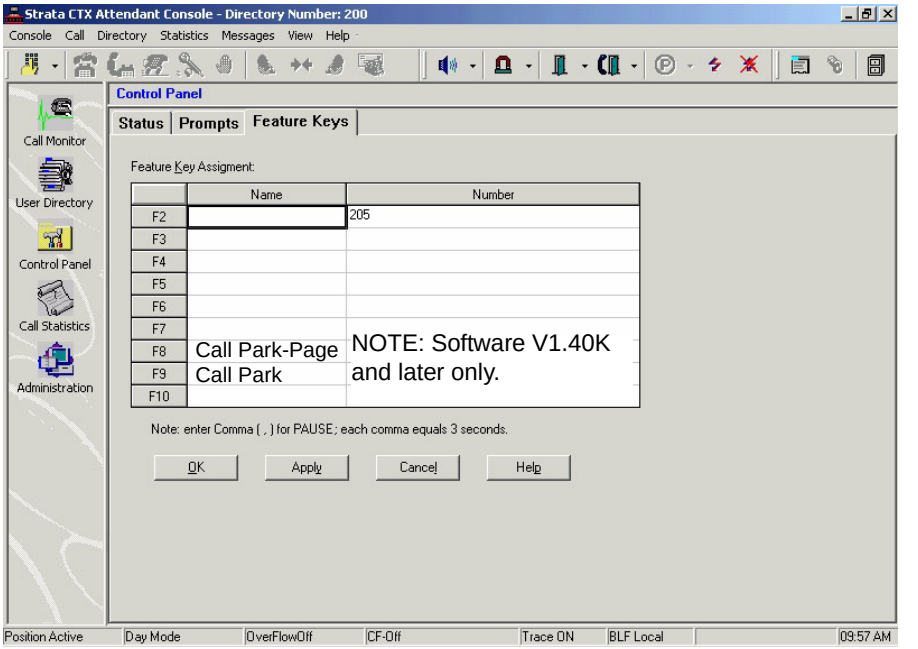


1. Click the Control Panel icon.
2. Click the Prompts tab.
3. Click in the desired cell to enter a prompt, such as “Telecom Sales Division” shown in the screen above.
4. Click OK or Apply when you are done.

➤ To clear all items in one row in the DNIS section, click the Clear DNIS button.

Feature Keys Tab

This tab is where you assign dialing sequences to the F2~F10 keys. F-keys can be used as Speed Dial locations or to store dialing prefixes or area codes.



6606

➤ **To store numbers onto keys F2~F10**



1. Click the Control Panel icon.
2. Click the Feature Keys tab.
3. Click in the Name box of the F-key and enter a name.
4. Click in the F-key box and enter the dialing string.
5. Click on any tab or icon when you are done.
6. If there is a pre-printed sticker for that function, stick it on the key
   ...or write the key function on one of the blank stickers and stick it on the key.

➤ To use the F2~F10 keys, press the F-key and the stored numbers are dialed. You can use these keys in addition to the dial pad.

Call Statistics 5

This chapter describes the types of information and reports available on the Attendant position.

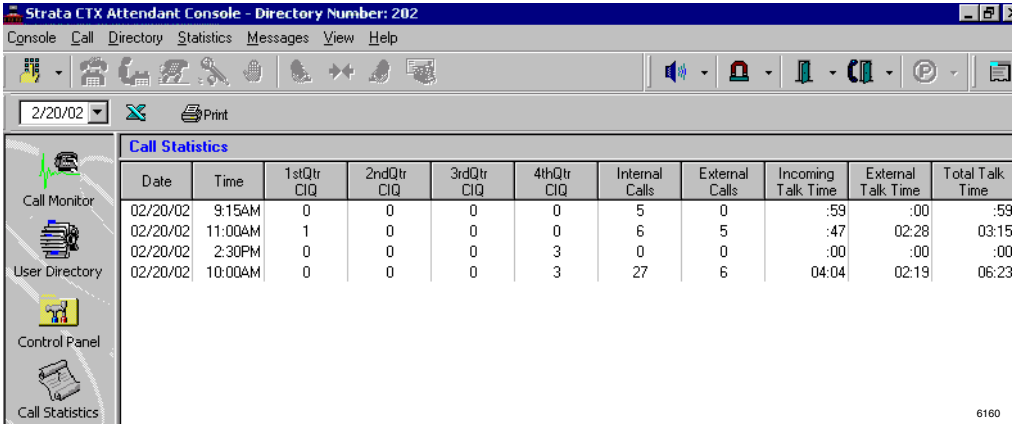
Statistics on incoming calls are collected and stored daily for each console. Each console collects information pertaining to that console only.

To develop a larger set of statistics when multiple consoles are used, the files from each location can be imported into any standard spread sheet for preparing a composite report. The information collected includes:

- number of internal incoming calls received per hour
- number of external incoming calls received per hour
- total talk time (in seconds) per hour
- maximum number of calls in queue (CIQ) each 15-minute interval

Call Statistics View

Call Statistics View consists of an edit box with a spin control for selecting the date for past 30 days and a list of statistics collected for each hour of the day.



The following statistic attributes are displayed in columns of the statistics list:

FIELD	DESCRIPTION
Date	The date of the statistics was collected.
Time	The time (every hour) of the statistics or the console's start up time.
1st Qtr CIQ	The maximum number of calls in queue for the first 15 minute interval.
2nd Qtr CIQ	The maximum number of calls in queue for the second 15 minute interval.
3rd Qtr CIQ	The maximum number of calls in queue for the third 15 minute interval.
4th Qtr CIQ	The maximum number of calls in queue for the fourth 15 minute interval.
Internal Calls	The number of internal incoming calls received per hour.

FIELD	DESCRIPTION
External Calls	The number of external incoming calls received per hour.
Incoming Talk Time	The talk time in seconds for incoming calls received per hour.
External Talk Time	The talk time in seconds for external calls received per hour.
Total Talk Time	The total talk time in seconds for all calls received per hour.

Notes

- A user can select a date from current date to 30/31 days prior to the current date to view the call statistics.
- A user can print statistics for the current page or for a range of dates.
- A user can export statistics for the current page or for a range of dates to an Excel spreadsheet and save it as an Excel file.

➤ **To display call statistics for any specific day**

1. From the View pane click on the Call Statistics icon. Call Statistics view displays.
2. Enter a date to view the statistics. The default view is today's date.

➤ **To print call statistics**

1. From the View pane click on the Call Statistics icon. Call Statistics view displays.
2. Click the Print icon. A dialog box appears offering choices for printing.
3. Select either print Current page or enter a range of dates to print the reports.

➤ **To export data to Excel**

1. From the View pane click on the Call Statistics icon. Call Statistics view displays.
2. Click the Excel icon. A dialog box appears.
3. Enter a date range.
4. Browse to select the location for the Excel file.

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Administration 6

This chapter discusses the features of the Strata CIX Attendant Console that apply to the Administrator.

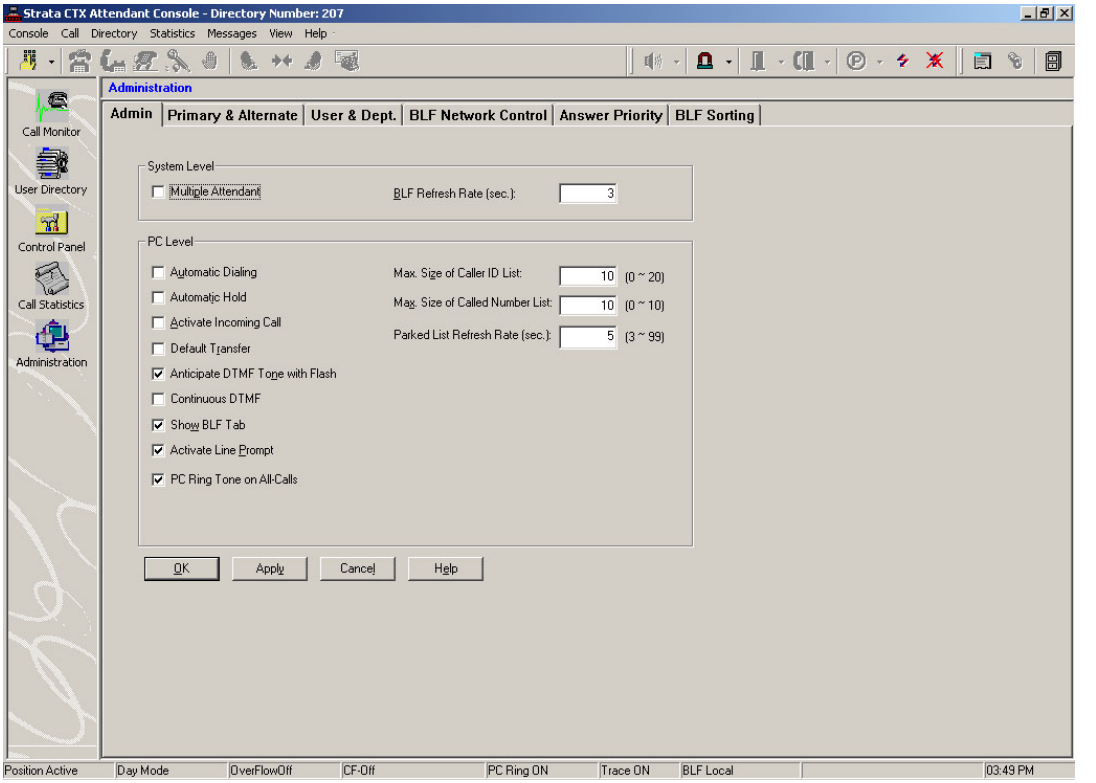
Maintenance and administration of the CIX Attendant Console is through the Control Panel, User Directory, and Administration work area views.

Administration View

The Administration view provides a view of administrative settings. It contains the Admin, Primary & Alternate, User & Dept, BLF Network Control, Answer Priority and BLF Sorting tabs.

Admin Tab

➤ To access the Administration tab, click the Administration icon.



The Admin tab contains the following sections:

FIELD	DESCRIPTION
Multiple Attendant	Allow multiple Attendant operations.
BLF Refresh Rate	Enables the Attendant to define the refresh rate for polling the CIX for BLF/DSS status. The minimum rate is 1 second. The default is 3.
Automatic Dialing	Enable/Disable automatic dialing. Console will transfer call as soon as name or DN is matched.
Automatic Hold	Enable/Disable automatic hold.
Activate Incoming Call	Enable/Disable activate incoming call. PC will automatically switch to operating as the CIX Attendant Console when a new call comes in.
Default Transfer	Enable/Disable default transfer (Blind transfer).
Anticipate DTMF Tone with Flash	Enable/Disable the DTMF Tone dialog to anticipate use after Flash. Disable if Flash is used for Call Waiting on telco lines.
Continuous DTMF	Enable/Disable the continuous DTMF tone.
Show BLF Tab	Displays/Hides the BLF tab from the Call Monitor.
Activate Line Prompt	This enables the Prompt to be visible (during the appropriate conditions). See Control Panel, “Prompts Tab” on page 45 and “Prompts” on page 12.
PC Ring Tone on All Calls	When checked, any call directed to this Attendant Console will send Ring Tone to the PC speaker (the PC sound and volume control must be turned On). When PC Ring is turned off the Attendant Console telephone or handset will ring but not the PC speaker. If this console is in a group with other consoles the console telephone or handset will ring on a rotational basis when PC Ring is turned On or Off. **Note** PC Ring Tone requires a sound card in the PC and an internal or external PC speaker. Available on Attendant Console software V1.40K and later.

FIELD	DESCRIPTION
Max. Caller ID	Maximum of Caller ID. Allow the Caller ID telephone numbers to display in the Caller ID list. The valid value is from 0 to 20.
Max. Called Number	Maximum of Called Number. Allow the numbers of Called Numbers display on the Called List. The valid value is from 0 to 10.

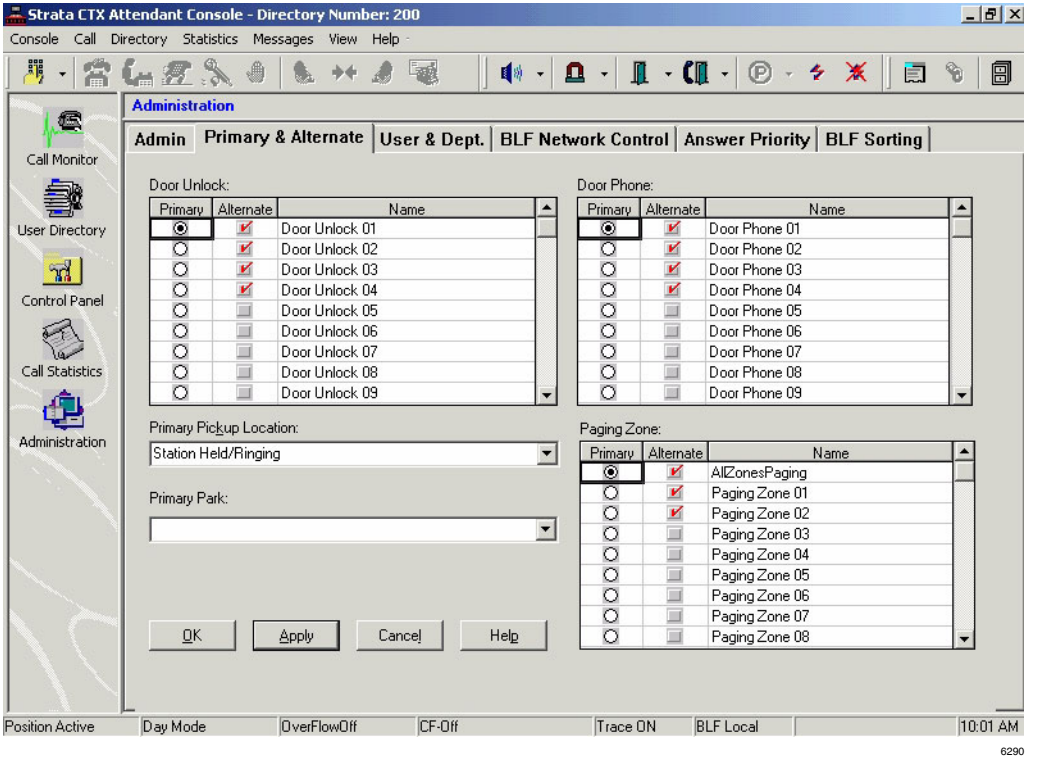
Notes

- The Administrator can change all the above settings.
- The Operator/Attendant can change only PC level settings.

Primary/Alternate Tab

Enables the Administrator to set one and only one Primary and/or multiple Alternates for Door Unlock, Door Phone, Paging Zone's and Pickup Location. Also defines the names.

➤ To access the Primary/Alternate tab, click Administration icon, select Admin tab.



The number of doors and paging zones must match the number assigned in Strata CIX programming.

➤ To assign the Primary Pickup Location, click the down arrow in this box and select a location, then click Apply or OK.

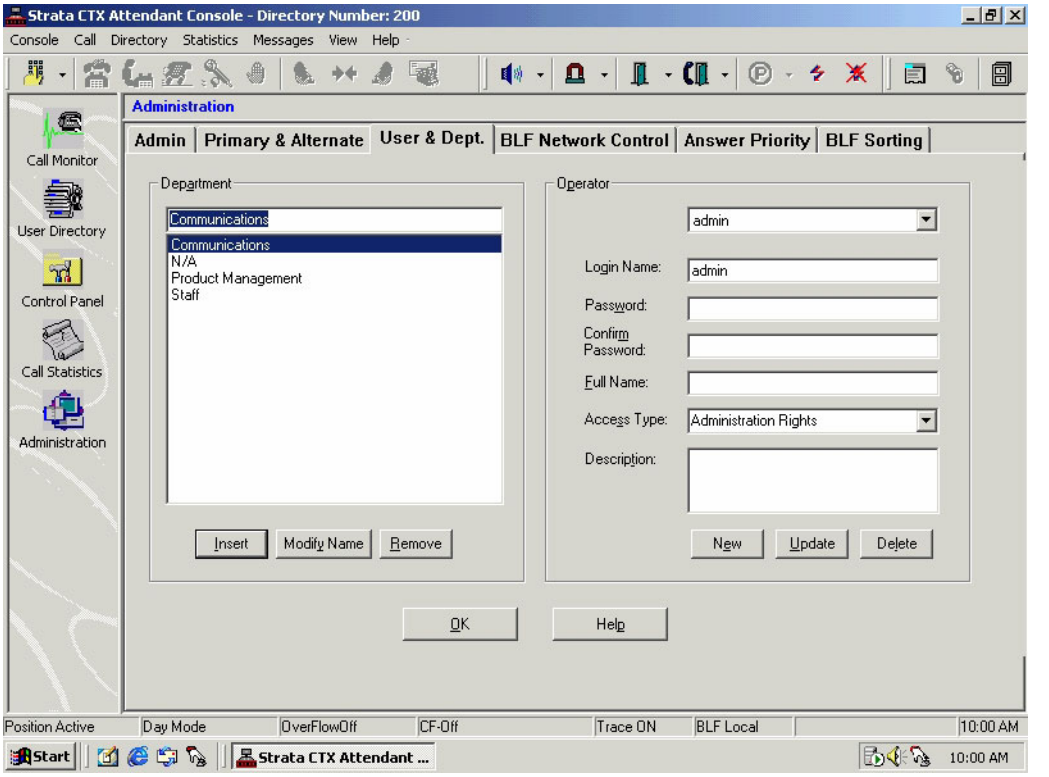
➤ To make the Park feature available to the Attendant Console, click the down arrow in the Primary Park box, select a Park function, then click Apply or OK.

User & Dept. Tab

Enables the Administrator to setup Login User Setup Operation and Department Name Setup Operation. The maximum length of Login Name and password is 50 characters each.

There are two types of access: Administrator and Operator rights. Administrator rights can have full access in the Attendant console. Operator rights only can access enabled functions.

➤ To access the User & Dept. tab, click the Administration icon, select User & Dept. tab.

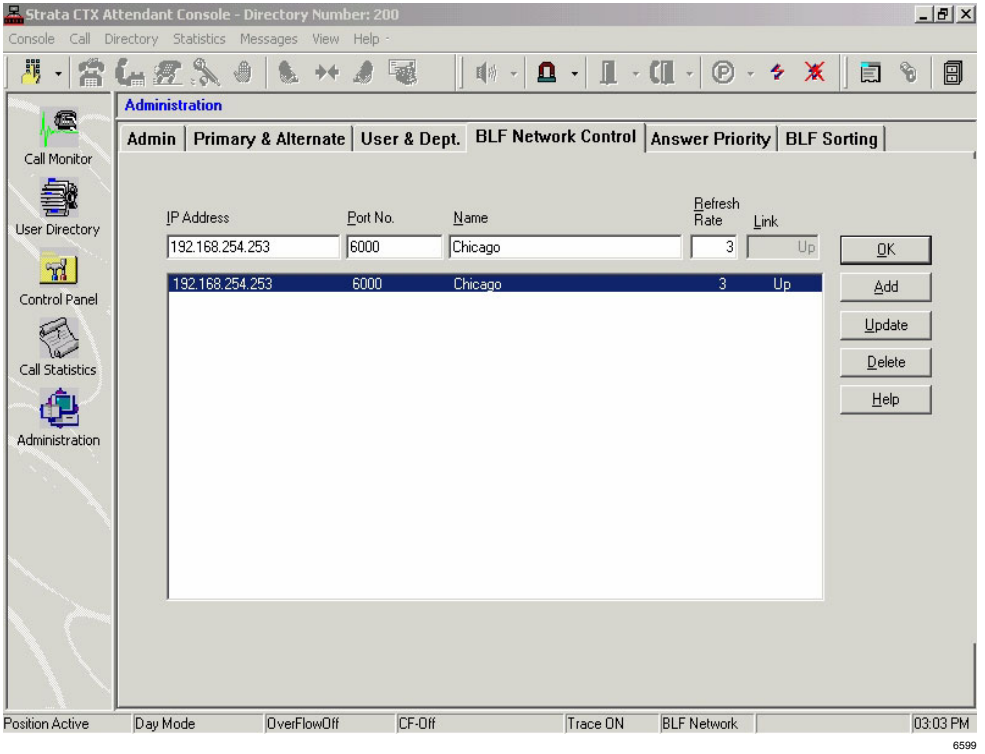


BLF Network Control Tab

This enables you to change the IP Address, port number or CIX host name.

1. To access the BLF Network Control tab, click the Administration icon, select BLF Network Control tab.
2. Make sure that the Port No. is 6000. If it is not, change this to 6000.
3. Enter refresh rate (3~30 seconds).

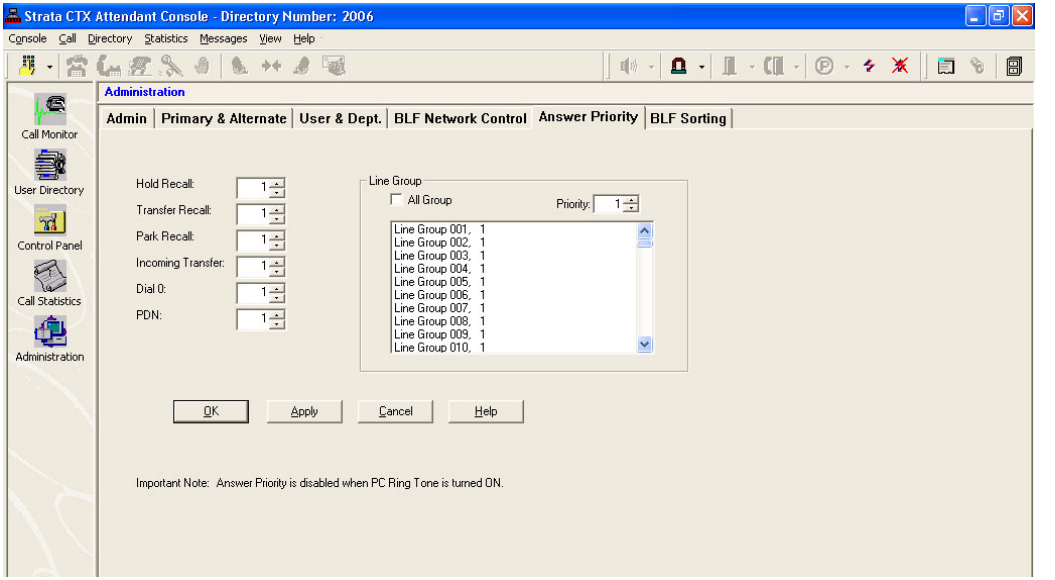
CAUTION! Do not change the IP address, Port No., or name unless this data has been changed in the Strata CIX programming. This data must match the programmed information or the BLF will not work.



Answer Priority Tab

This enables you to change the priority of certain types of calls. Similarly, you can set answer priorities for specific line groups.

➤ To access the Answer Priority tab, click the Administration icon, select Answer Priority tab.



➤ To assign priority levels to the call types shown in the left column (see example shown above), click the up/down arrows to change the priority. “1” is the highest priority (default). Click OK or Apply when finished.

➤ To assign priorities to specific line groups, highlight a group or groups, then click the up/down arrow to assign a priority to that group. Click OK or Apply when finished.

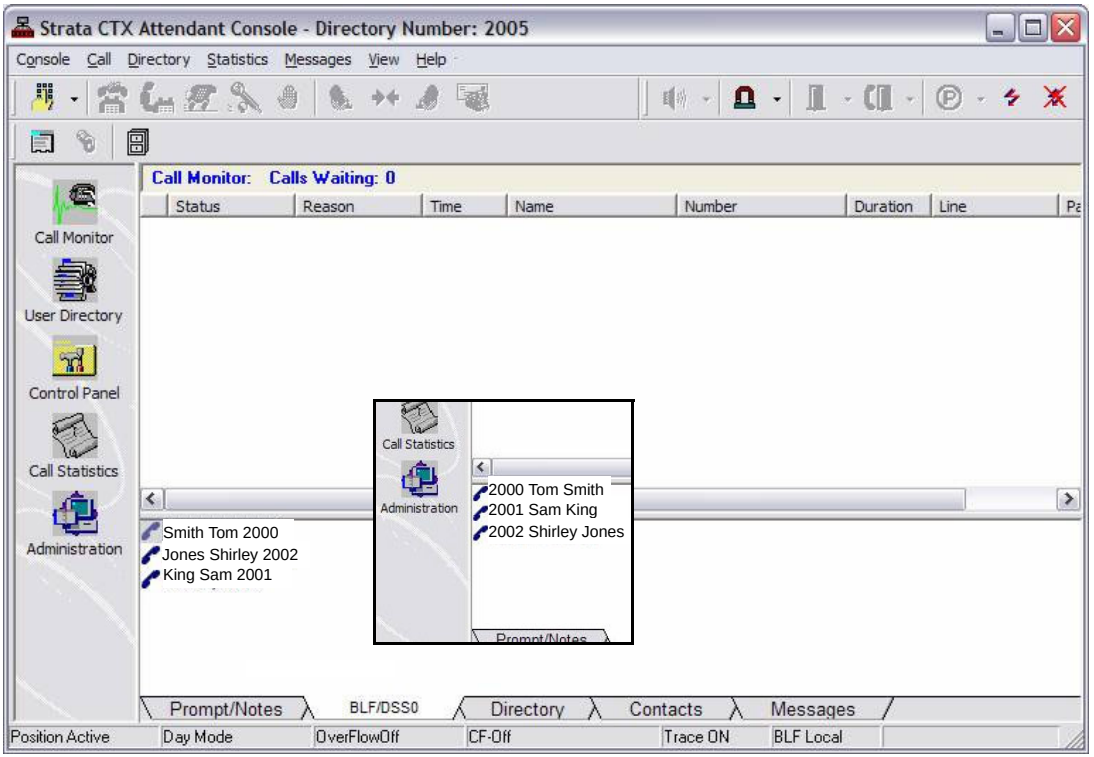
Note When the PC Ring Tone feature is selected Answer Priority is disabled.

BLF Sorting Tab

This enables you to change the sorting order of the user directory or user list in the BLF/DSS tabs. The sort is performed Last Name, First Name, or PDN. The sort is done in three steps, in the order, left to right, selected in the pull-down lists. For example the sort order could be Last Name, First Name, then PDN.

Each sort selection box must have a different item selected. You cannot sort, for example, by First Name, PDN, First Name.

➤ To access the BLF Sorting tab, click the Administration icon, select BLF Sorting tab. Click the down arrows to make a selection, then click OK or Apply.



The full screen example above shows a Last Name, First Name, PDN sort. The inset shows a PDN, First Name, Last Name sort.

Backup Log Files

This is an administrative function that is *not* performed from the Administration window. Log files are useful for troubleshooting. The CIX Attendant log files are unrelated to the Database Utility. Actually backing up the files is a simple procedure which can be performed by an Attendant.



1. To Backup the Log file, click the Backup Log Files icon.

   Wait a few seconds while the application and TSP log files are backed up into the existing log directory..\..\nhsatt\log\backup and ..\..\nhstsp\log\backup subdirectory (the path may be different if a Custom installation was performed.) A window notifies you that the files were backed up.
2. Click OK.

Appendix – Call List

The call list view provides a list of calls and related information. The following attributes of a call are displayed in the columns of the call list view:

Call Attribute	Description
Status:	
Incoming	The call is offered to the station and indicates a new call (Ring or NoRing).
Dialing	The call is in the process of dialing.
RingBack	The call is receiving ringback tone
Announcing	The call is in announcing mode.
Busy	The call is receiving busy tone.
Active	The call is connected.
Conferenced	The call is conferenced.
On Hold	The call is on hold, on hold pending conference, or on hold pending transfer.
ConsultHold	Consultation Hold call.
Disconnected	The call is disconnected.
ParkPage	The call is Park Page Connected.
PageBusy	The call is Park Page Busy.
InConference	When a Station adds the Console to conference.
InDoorPhone	The call is in doorphone.
Message	Station sent a Message Waiting to Console.
LineBusy	The trunk line is busy.

Call Attribute	Description
Reason	
Directed Call	The call is a direct dial call to the PDN.
Dial 0	The call is dialed directly to the operator.
Call Forward	(Busy, No Answer, Busy/No Answer, Unconditional) - The call has been forwarded to the Attendant.
Pickup	The call was picked up.
Unpark	The call was parked and retrieved by the Attendant.
Redirect	The call was redirected to the Attendant.
Hold Recall	The call was recalled from hold.
Call Completion	The call was the result of a call completion request.
Transfer Call	The call was transferred to the Attendant.
Park Recall	The call is recalled from park.
Transfer Recall	The call is recalled from Transfer.
blank (“”)	blank (“”) - the reason for the call is not known.
Emergency	(Call displays in red) The call is an emergency call.
Line Group	The call is call from the line group.
LG nnn	Line Group with Line Group number.
ParkRCallDN	Park Recall with Recall DN/Orbit No.
TransfRCallDN	Transfer Recall with Redirect DN.
TransfDN	Transfer with Redirect DN.
Time	Time that the call has been in the current call state.
Name	Name of person calling (inbound calls) or person called (outbound calls).
Number	Phone number of person calling (inbound calls) or person called (outbound calls).
Duration	Total time of a call.
Line	Line number of external calls.

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