



**IP Windows Operator Console
User Guide**

Publication Information

Toshiba Information Systems (UK) Ltd. reserves the right to change any of this information including, but not limited to, product characteristics and operating specifications, without prior notice.

It is intended that the information contained within this manual is correct at the time of going to print, however all liability for errors or omissions is excluded.

Version 1, July 2006

© Copyright 2006

Toshiba Information Systems (UK) Ltd. Business Communications Division

All rights reserved. No part of this manual, covered by the copyrights hereon, may be reproduced in any form or by any means—graphic, electronic, or mechanical, including recording, taping, photocopying, or information retrieval systems—without express written permission of the publisher of this material.

Strata and Strategy are registered trademarks of the Toshiba Corporation in Japan and other countries.

Trademarks, registered trademarks, and service marks are the property of their respective owners..

COMPLIANCE STATEMENT

Business products that can be clearly distinguished from consumer products.

Following information is only for EU-member states:

The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about the take-back and recycling of this product, please contact your supplier where you purchased the product.



LICENSE AGREEMENT

Toshiba Information Systems (UK) Limited acting through its Business Communications Division ("TIU") - License Agreement. IMPORTANT: This License Agreement ("Agreement") is a legal agreement between the customer ("You") and TIU in respect of any switches, processors or other telecommunication products made available by TIU from time to time each of which is a "Product" for the purposes of this Agreement. Carefully read this Agreement. Use of any software or any related information (collectively, "Software") installed on or shipped with a Product or otherwise made available to you by TIU in whatever form or media, will constitute your acceptance of the terms of this Agreement, unless separate terms are provided by the Software supplier. If you do not agree to the terms of this Agreement, do not install, copy or use the Software and promptly return it to the location from which you obtained it in accordance with applicable return policies provided with the Software. Except as otherwise authorized in writing by TIU, the Software is licensed for distribution only to end-users pursuant to this Agreement.

1. License Grant. The Software is not sold; it is licensed upon payment of applicable charges. TIU hereby grants You a personal, non-transferable and non-exclusive right to use the copy of the Software provided under this Agreement. You agree You will not copy the Software except as necessary to use it on one Product at a time at one location. Any such copy shall in all respects be subject to the terms and conditions of this Agreement and shall be deemed to form part of the Software. Modifying, translating, renting, leasing, selling, charging, copying, distributing, transferring, assigning sub-licensing or otherwise dealing with or encumbering all or part of the Software, or any rights granted hereunder; using the Software on behalf of any other persons or making the Software available to any other persons; and/or removing or altering any proprietary notices, labels or marks from the Software are all strictly prohibited. You agree that violation of these prohibitions will cause irreparable harm to TIU and provide grounds for TIU to seek injunctive relief, without notice, against You or any other person in possession of the Software. You shall notify TIU immediately if You become aware of any unauthorized possession or use of the whole or any part of the Software by other persons. You and any other person whose possession of the Software violates this Agreement shall promptly surrender possession of the Software and Password to TIU, upon demand. Furthermore, you hereby agree not to create derivative works based on the Software.

2. Reservation of Rights. All rights not expressly granted by TIU to You under this Agreement are expressly reserved to TIU and/or its suppliers, and You acknowledge and agree that You are granted no right or benefit under or pursuant to this Agreement unless expressly stated.

3. Intellectual Property. You acknowledge that all rights of whatever nature in and to the Software are owned by and belong to TIU and/or its suppliers and that You will not acquire any rights to the Software, except the license expressly set forth above. The Software is protected under national patent, copyright, trade secret, and/or other proprietary laws, as well as international treaties. Any transfer, use, or copying of the software in violation of the Agreement constitutes infringement of copyright and/or other rights.

4. No Reverse Engineering. You agree that you will not attempt, and if you employ employees or engage contractors, you will use your best efforts to prevent your employees and contractors from attempting to reverse compile, reverse engineer, modify, adapt, translate or disassemble the Software in whole or in part (except and only to the extent that such activity is expressly permitted by applicable law).

5. Termination. Any failure to comply with the terms and conditions contained in this License or termination of TIU's arrangements with its suppliers will result in the automatic termination of this License without notice from TIU and the reversion of the rights granted hereunder back to TIU..

6. Limited Warranty. TIU warrants that any media on which the Software is furnished is free from defects in material and workmanship under normal use for a period of ninety (90) days from the date of delivery to You. Subject to the foregoing the Software is provided "as is" without warranty of any kind. Further to the maximum extent permitted by applicable law, TIU and its suppliers disclaim and hereby exclude all conditions, warranties and other terms with regard to the Software, including, but not limited to, any conditions, warranties and other terms of non-infringement of third party rights, year 2000 compliance, merchantability, satisfactory quality, and fitness for a particular purpose, relating to the ownership of the Software or as to price in every case whether express or implied by statute, common law, custom, collaterally or otherwise. The entire risk as to the quality and performance of the Software is with You. Neither TIU nor its suppliers, represent or warrant that the functions contained in the Software will meet your requirement or that the operation of the software will be uninterrupted or error-free. You accept that the Software was not designed and produced to your individual requirements and that You were responsible for its selection.

7. Limitation Of Liability. TIU's entire liability and your sole and exclusive remedy under this Agreement shall be at TIU's option replacement of the media containing the Software or refund of the price paid. To the maximum extent permitted by applicable law, in no event shall TIU or its suppliers be liable to You for damages for loss of profits or revenues or any consequential, special, incidental or indirect loss or damages (including claims for personal injury, business interruption, loss of business information/data) or any other pecuniary loss of any kind howsoever arising (whether in breach of contract, negligence or other tort, or otherwise) out of the use or inability to use the Software, even if TIU or its supplier has been advised of the possibility of such damages. In no event shall TIU or its suppliers be liable for any claim by a third party. TIU shall, however, accept liability for death or personal injury caused by its own negligence and as otherwise required by applicable law.

8. Governing Law and Jurisdiction. This Agreement shall be governed and construed in accordance with the laws of England. The Parties irrevocably submit to the exclusive jurisdiction of the English Courts in respect of any matter, claim or dispute arising under, out of, from or in connection with this Agreement.

9. Export Laws. This Agreement relates to Products, Software and/or technical data that may be controlled under the United States Export Administration Regulations and may be subject to the approval of the United States Department of Commerce prior to export. Any export, directly or indirectly, in contravention of the United States Export Administration Regulations, or any other applicable law, regulation or order, is prohibited.

10. United States Government Restricted Rights. The Software is provided with Restricted Rights. Use, duplication, or disclosure by the United States Government, its agencies and/or instrumentalities is subject to restrictions as set forth in subparagraph (c)(1)(ii) of The Rights in Technical Data and Computer Software Clause at DFARS 252.227-7013 (October 1988) or subparagraphs (c)(1) and (2) of the Commercial Computer Software - Restricted Rights at 48 CFR 52.227-19, as applicable.

11. Severability. If any provision of this Agreement shall be held to be invalid, illegal or unenforceable, the validity, legality and enforceability of the remaining provisions hereof shall not in any way be affected or impaired

12. No Waiver. No waiver of any breach of any provision of this Agreement shall constitute a waiver of any prior, concurrent or subsequent breach of the same or any other provisions hereof, and no waiver shall be effective unless made in writing and signed by an authorized representative of the waiving party.

13. Entire Agreement. In entering into this Agreement, You acknowledge and agree that You have not relied on any representation unless expressly included in this Agreement. You acknowledge that you have read this license agreement and that You understand its provisions. You agree to be bound by its terms and conditions. You further agree that this Agreement contains the complete and exclusive agreement between You and TIU and supersedes: (i) any proposal or prior agreement, oral or written, or any other communication relating to the subject matter of this license agreement; and (ii) any term or condition implied by trade custom or course of dealing and any purported contrary or inconsistent provision is hereby excluded. Nothing in this clause shall limit liability for fraudulent misrepresentation.

14. Third Party Rights. No provision of this Agreement shall be enforceable by any third party under the Contracts (Rights of Third Parties) Act 1999 or otherwise.

Toshiba Information Systems (UK) Limited.
Business Communications Division
Toshiba Court
Weybridge Business Park
Addlestone Road
Weybridge
Surrey
KT15 2UL

Contents

Introduction

Conventions	vi
Related Documents/Media.....	vii

Chapter 1 – The Grand Tour

Operator Keys	3
Numeric Keypad.....	3
Special Function Keys	4
Function and Volume Keys	5
Views and Controls.....	7
Call Monitor View.....	7
Menu Bar	8
Toolbars	8
Info Bar	9
Status Bar.....	9

Chapter 2 – Call Processing

Login.....	11
Answering Incoming Calls	12
Prompts	13
Releasing a Call	13
Making a Call.....	14
Call Completion.....	15
BLF/DSS Dialling	16
Directory Dialling.....	18

Contents

Chapter 3 – User Directory

Show Department/Show All	19
Hold	19
Call Transfer	20
Blind Transfer	20
Conference Calls	21
Joining and Splitting a Call	21
Switching Between Source and Destination Parties	22
Paging	23
Call Pickup	24
Call Door Phones	25
Door Unlock	26
Call Park	27
Status	28
Messages Tab	30
Message Waiting Light	31
Contacts Tab	33

Chapter 3 – User Directory

User Directory Dialogue	36
Directory Lists	38

Chapter 4 – Control Panel

Control Panel View	40
Prompts Tab	43
Feature Keys Tab	44

Chapter 5 – Call Statistics

Call Statistics View	46
----------------------------	----

Chapter 6 – Administration

Administration View	50
Admin Tab	50
Primary/Alternate Tab	52
User & Dept. Tab	53
BLF Network Control Tab	54

Answer Priority Tab	55
BLF Sorting Tab.....	56
Backup Log Files	57
Appendix – Call List	59
Notes to Users	61
Index	71

Contents

Appendix – Call List 59

Introduction

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

This user guide is divided as follows:

- **Chapter 1 – The Grand Tour** includes information on the CIX Operator 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!	<i>Calls attention to important instructions or information.</i>
CAUTION!	Advises you that hardware, software applications, or data could be damaged if the instructions are not followed closely.
Extension Number	<p>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.</p> <p>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.</p>
Arial Bold	Represents keys on the keyboard.
+	<p>shows a multiple PC keyboard or telephone button entry. Entries without spaces between them show a simultaneous entry.</p> <p>Example: Delete+Enter.</p> <p>Entries with spaces between them show a sequential entry.</p> <p>Example: # + 5.</p>
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 (Toshiba Partner Portal download), cross-references appear in blue hypertext.

Related Documents/Media

Note Some documents listed here may appear in different versions on the web or in print. To find the most current version, check the version/date in the Publication Information section at the start of this document.

Refer to the following for more information:

- Strata CIX Operator Console Quick Reference Guide
- Strata CIX Operator Console Installation Manual
- Toshiba Partner Portal Download

For *authorised users*, the Toshiba Partner Portal website contains all current Strata CIX documentation and enables you to view, print and download current publications.

This page is intentionally left blank.

This chapter describes the Strata CIX IP Operator Console, menu options and keyboard. It provides general instructions for PC keyboard operations and for navigating through the screens and dialogue 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 IP Operator Console enables an Operator 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.

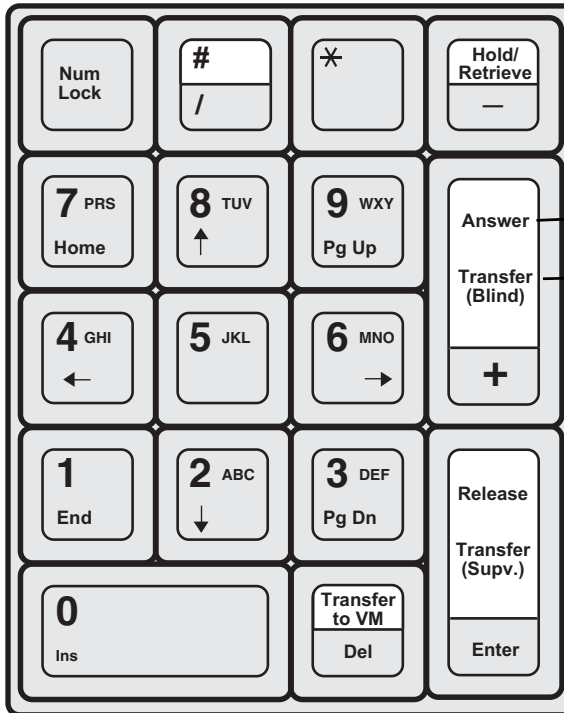
The Strata CIX processor via the LAN as a Customer Supported Telephony Application (CSTA). It also connects internally to an IP station port for the speech path. The console consists of the following items:

- Pre-installed CIX Attendant Console software application
- Keyboard
- Special Attendant Keyboard stickers (CTX-KL-ATCON-VA). See [“Operator Keys” on pages 3~5](#) for sticker placement.
- Mouse

The Strata CIX system supports up to two Operator Consoles. Multiple consoles automatically share the incoming call load on a call-by-call rotation basis. Features such as Overflow, Position Busy, and Interposition Call Transfer add to the efficiency of single or multiple console applications.

Operator Keys

Numeric Keypad

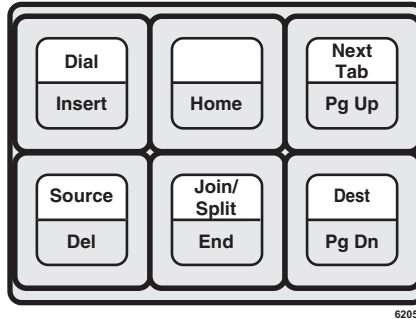


Some keys have multiple functions.

For example, press this key to Answer a call.
Then, you can press this key to Blind Transfer the call.

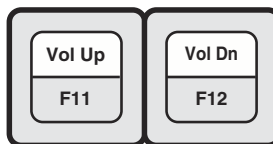
PC KEY	ATTENDANT KEY	DESCRIPTION
Minus (-)	Hold/Retrieve	Hold or Retrieve a call
Plus (+)	Answer Transfer (Blind)	Answer or Blind Transfer.
Enter	Release Transfer (Supv.)	Release or Supervised Transfer.
Del	Transfer to VM	Voice Mail Transfer.

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 dialling 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 7 .)
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.

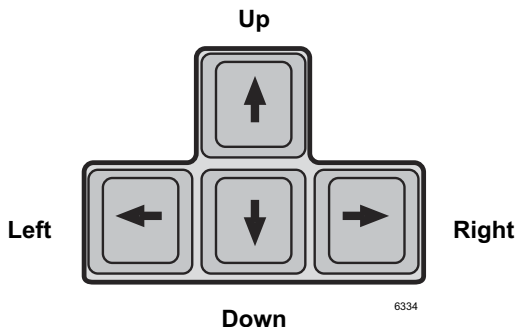
Function and Volume Keys



6310

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 44](#).



6334

The Grand Tour

Operator Keys

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.

Ringling On/Off Controls

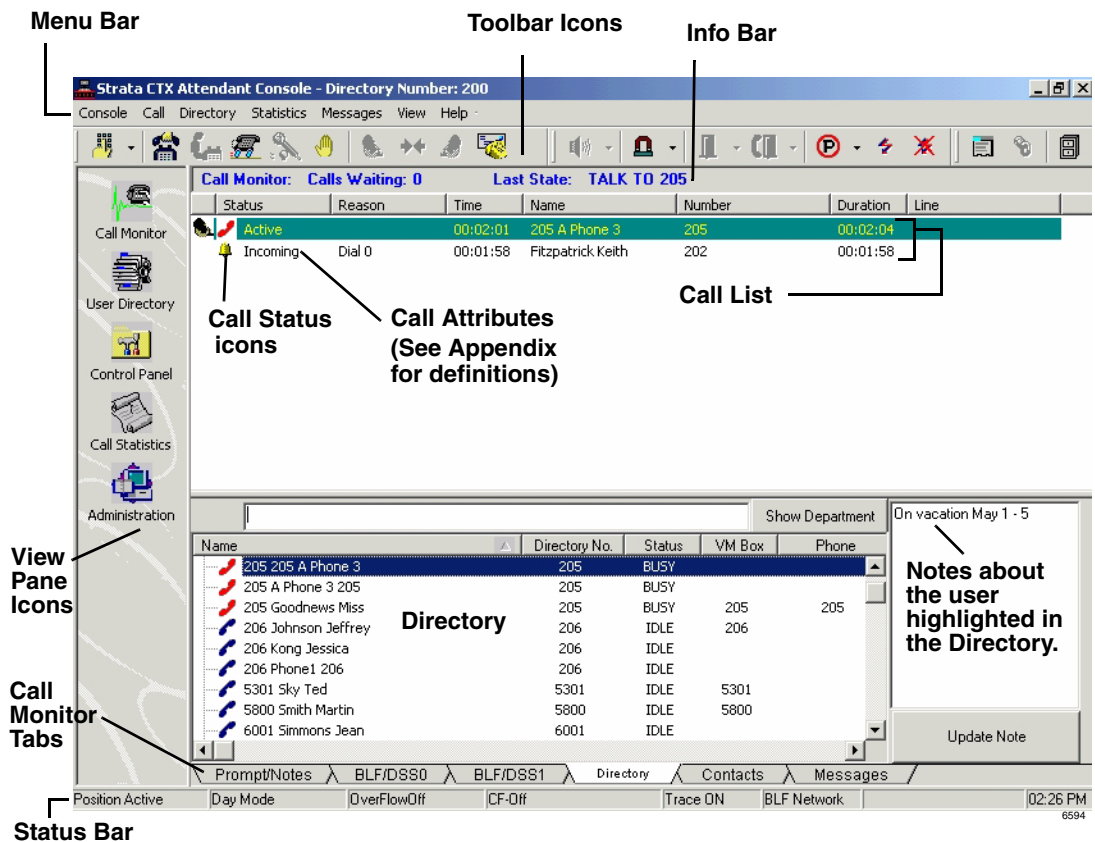
KEYS	DESCRIPTION
Ctrl + R	Turns the sound card Headset or External Speaker Ring On
Ctrl + T	Turns the sound card Headset or External Speaker Ring Off
Ctrl + Z	Turns the PC Internal Speaker Ring On
Ctrl + X	Turns the PC Internal Speaker Ring Off

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 Operator. (See the window shown below).



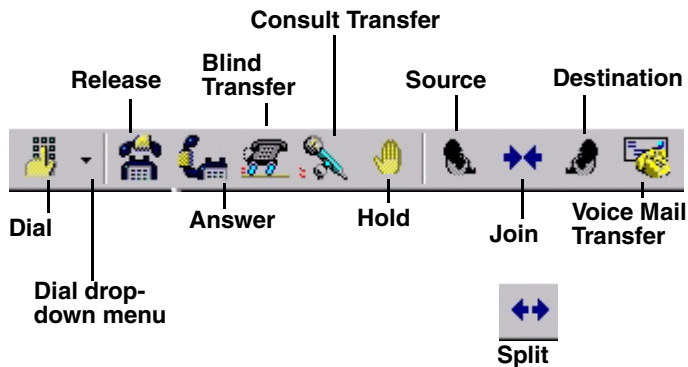
Menu Bar

The menu bar for the Strata CIX IP Operator 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.

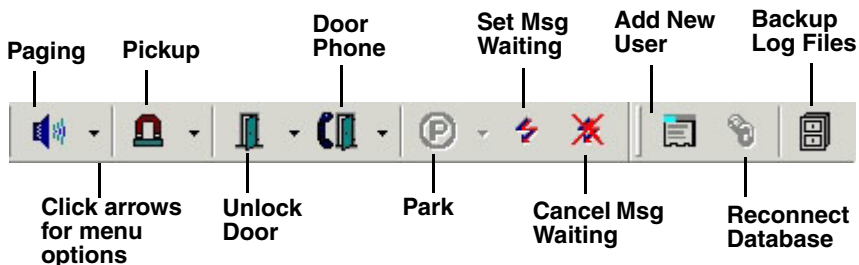
Call Handling Toolbar Icons



6311

Optional Toolbar Icons

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



6312

Call Statistics Toolbar Icons



6331

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 28](#).

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 IP Operator Console begins the dialling process or searches for a match in the directory for the person being dialled.

Login



1. To login, double click on the Strata CIX IP Operator Console icon
....or click on the icon in the Microsoft Windows Start menu bar
...or select Start > Programs > Strata CIX IP Operator > Strata CIX IP Operator Console.
2. Select User ID.
3. Type the password (default is empty), press Enter or click OK.

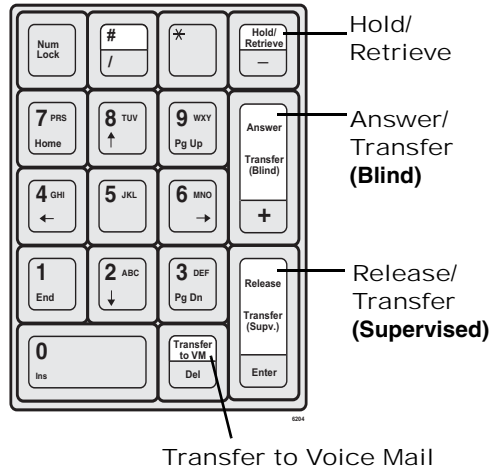
Answering Incoming Calls



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

...or click the Answer icon

...or double click on the entry.



Strata CTX Attendant Console - Directory Number: 202

Console Call Directory Messages View Help

Call Monitor: Calls Waiting: 2 Last State: TALK TO 206

Status	Reason	Time	Name	Number	Duration
Active	Dial 0	00:00:51	Johnson Jeffrey	206	00:01:00
Incoming	Dial 0	00:00:57	Phone2 200	200	00:00:57
Incoming	Dial 0	00:00:55	205 A Phone 3	205	00:00:55

Press the Answer key.
The call with the “sounding” bell will be answered. This is based on priority settings.

6212



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

➤ **To answer a specific call**

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

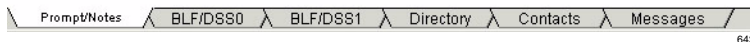
...or double click on the call to answer.

➤ **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.

Caller needs to talk to Sales Manager.

The Prompt/Notes tab is where you enter notes about the current call.



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

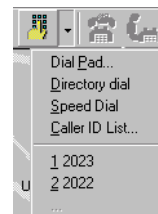


1. Press Dial (Insert) key
...or click the Dial Pad icon down arrow, then select the Dial Pad
...or select Call > Dial > Dial Pad.
2. Enter the number, click Dial.

► To redial the last number



- Press Alt+C, press L, then select the dialled number
...or click the Dial icon down arrow, select one of the recently dialled 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 Dialling

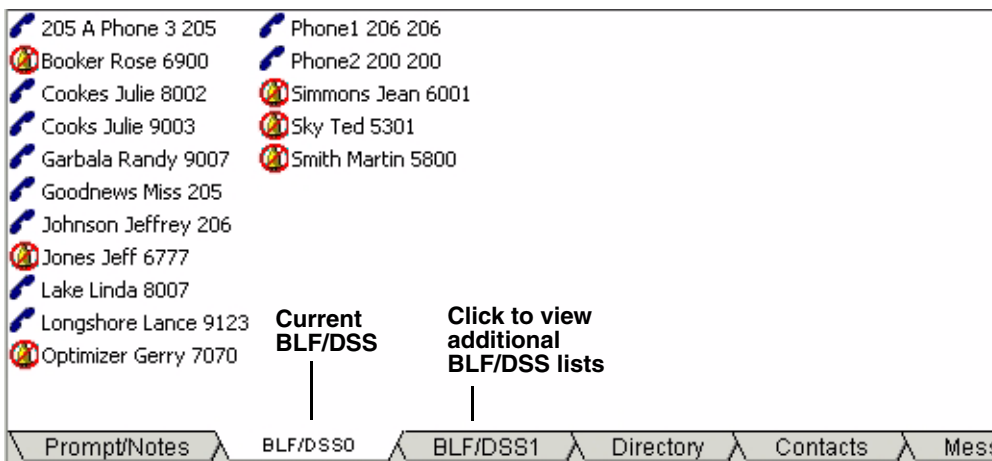
The Busy Lamp Field/Direct Station Selection (BLF/DSS) tab provides a list of users, their extensions, and telephone status (icons). You can make calls from this tab.

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 Strata CIX telephone system is networked to another Strata CIX system (using R1.2 or later software), you can see BLF/DSS information for all users. When using versions prior to CIX R1.2, 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 customise 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 Dialling

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 Strata CIX IP Operator 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.”

Name	Directory No.	Status	VM Box	Phone
Goodnews, Miss	205	IDLE	205	205
Missy, Miss				208
Fitzpatrick, Keith	202	BUSY	202	
Goodnews, Miss	205	IDLE	205	205
Kong, Jessica	206	BUSY		
Missy, Miss				208
N/A				
Kong, Jessica	206	BUSY		
Product Management				
Fitzpatrick, Keith	202	BUSY	202	

Prompt/Notes | BLF/DSS0 | BLF/DSS1 | **Directory** | Contacts | Message

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.

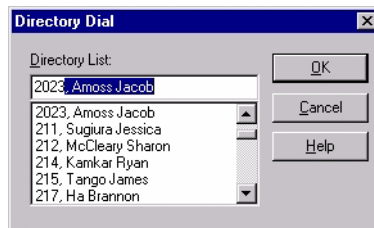


- ▶ While on an active call, dial the destination party on the numeric keypad. Press Transfer (Blind) (+) on the keyboard

...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.



6220

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).

	ConsultHold	Directed Call	00:01:47	Kong Jessica	206	00:01:59
	Announcing		00:01:47	Goodnews Miss	205	00:01:47

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 Strata CIX IP Operator Console automatically transfers the call if the default transfer flag in Admin View is enabled. Strata CIX IP Operator 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 Strata CIX IP Operator Console 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 dialled party answers, press Join/Split (End). The Strata CIX IP Operator Console joins the active call and the consultation call.

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

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



- Press Join/Split

...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 Operator.



- 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.

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 44](#).

► 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 Exchange 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 44.

► 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 44](#).

► 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 Strata 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 44](#).

► 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 You can assign one of the function keys (F2~F10 on your keyboard) as the Park or Park & Page key. See [“Feature Keys Tab” on page 44](#).

► To park a call

1. Select a call.
2. Click the Park icon. The call is parked by the system at a location set in the Administration view under the Primary setting.



► 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.



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.

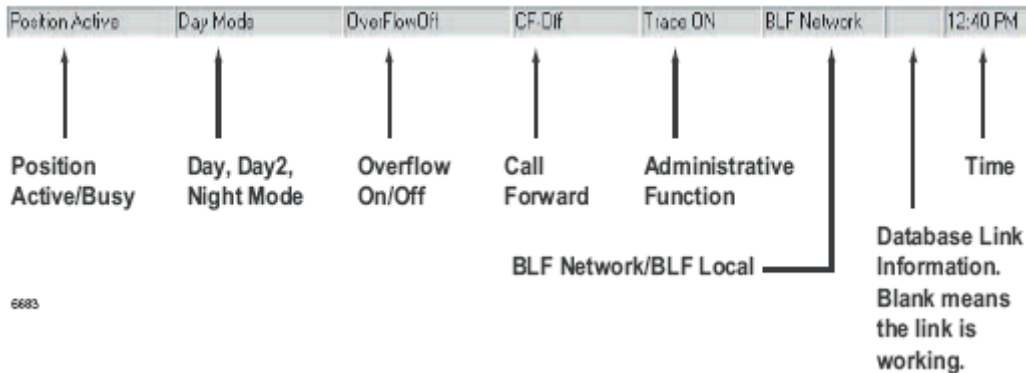
► To retrieve a parked call

1. Right click in the call list view area, then select Park Retrieve.
2. In the Call Retrieve dialogue box, type or select an orbit or extension number, then click Retrieve.

► ...or select Call > Park Retrieve.

Status

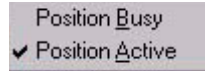
The functions and descriptions for the Attendant status are as follows:



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.
Trace ON	Ignore. Used for the troubleshooting purposes.
BLF Network/Local	If your Strata CIX IP 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.

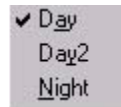
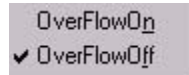
➤ **To change console, overflow, night mode or call forward (CF) destination status**

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



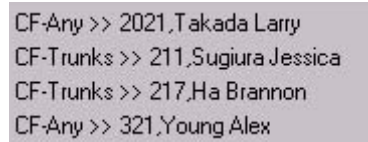
...or

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 41).
- Call Forward applies only to the Attendant Console extension number. It does not forward the calls in queue.



➤ **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 dialogue 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 featurephone



- 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 featurephone



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 Operator 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.

Call Monitor: Calls Waiting: 0		Last State:				
Status	Reason	Time	Name	Number	Duration	Li
Message		00:00:19		205	00:00:19	

► 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

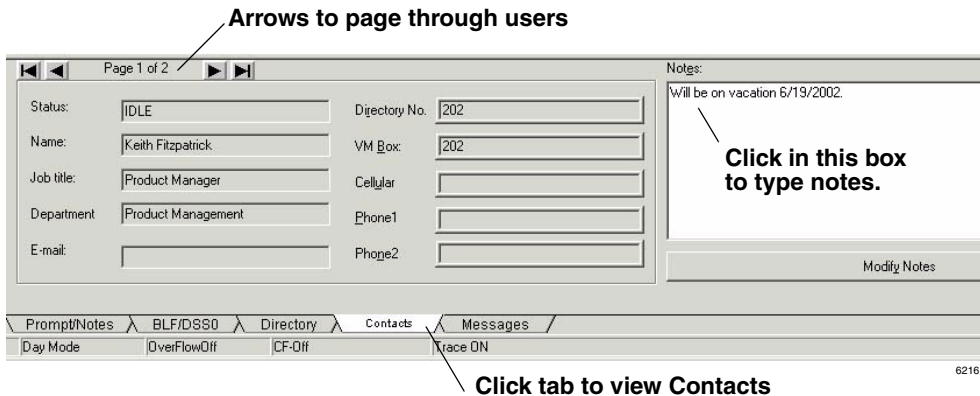
1. Click the Messages tab.
2. Select the message(s), click the Print icon.

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 Strata CIX IP Operator 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 7.](#))

This page is intentionally left blank.

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).

User Directory										
Pg	Pos.	First Name	Last Name	Job Title	Department	Directory No.	VM Box	e-mail	Phone1	Phone2
1	1				N/A					
1	1	A Phone 3	205		N/A	205				
1	1	Rose	Booker	Mgr	Communic...	6900				
1	1	Julie	Cookes		N/A	8002	8002			
1	1	Julie	Cookes		N/A	9003	9003			
7	99	Keith	Fitzpatrick	Produ...	Product M...	202	202		205	
1	1	Randy	Garbala		N/A	9007	9007			
1	1	Miss	Goodnews	writer	Communic...	205	205		205	205
1	1	Jeffrey	Johnson		N/A	206	206			
1	1	Jeff	Jones		N/A	6777				
7	99	Jessica	Kong	Engineer	N/A	206				
1	1	Linda	Lake		N/A	8007	8007			
1	1	Lance	Longshore		N/A	9123	9123			
1	4	Miss	Missy		Communic...				208	
1	1	Gerry	Optimizer		N/A	7070	7070			
1	1		Phone1		N/A	206				
1	1		Phone2		N/A	200				

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.
Last Name	The user's last name.

User Directory

User Directory Dialogue

FIELD	DESCRIPTION
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.
Mobile	The user's mobile 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 dialogue.

User Directory Dialogue

The user directory dialogue 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 IP 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.

6196

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

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

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.

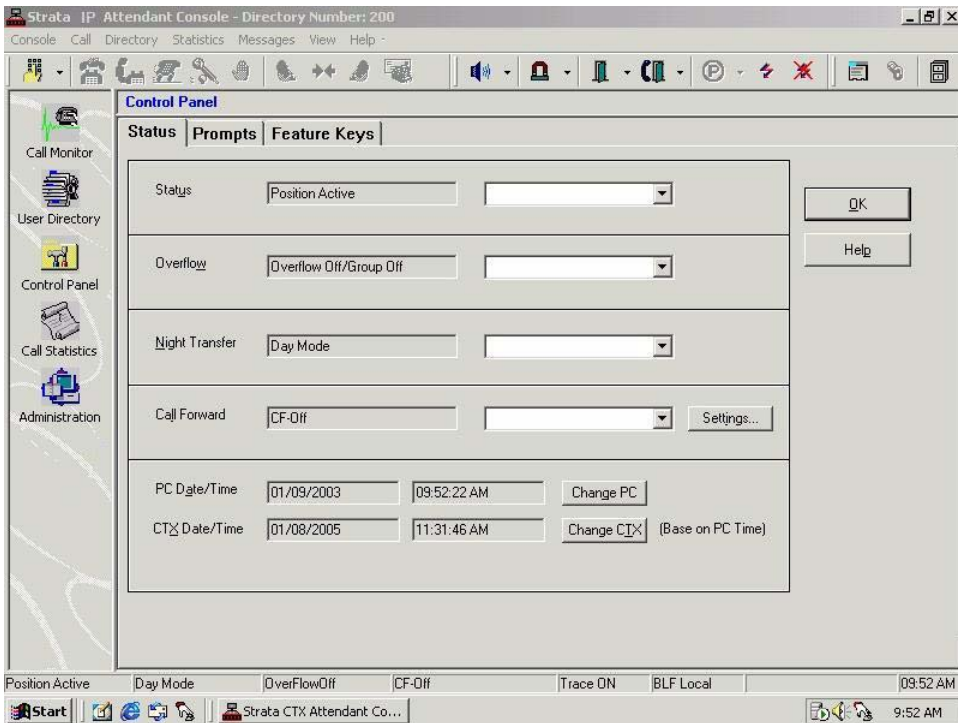
► To export a directory list

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

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 IP Office 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.

Control Panel

Control Panel View

► 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 29](#).

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.

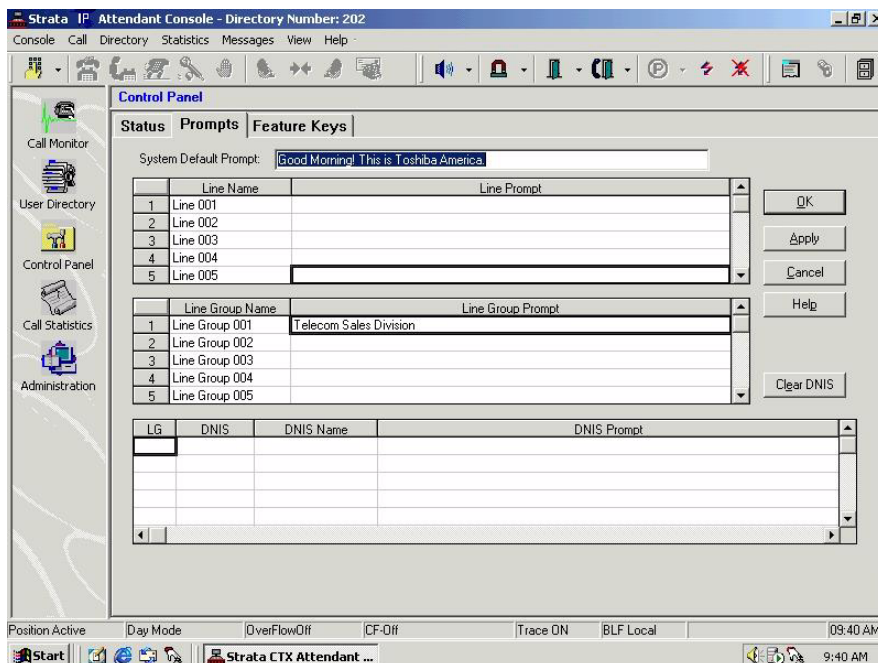
► To set the CIX time to match the PC date and time



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).



6598

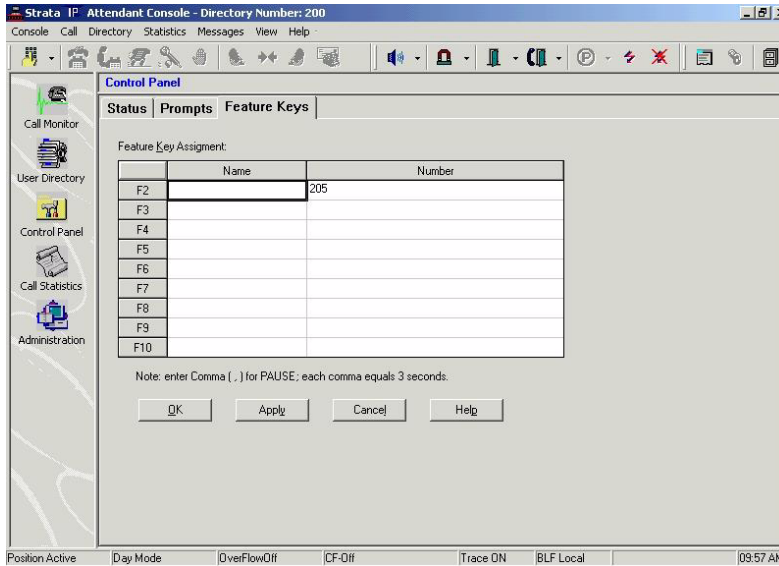
► To store a prompt



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 dialling sequences to the F2~F10 keys. F-keys can be used as Speed Dial locations or to store dialling prefixes or area codes.



► 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 dialling 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 dialled. You can use these keys in addition to the dial pad.

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

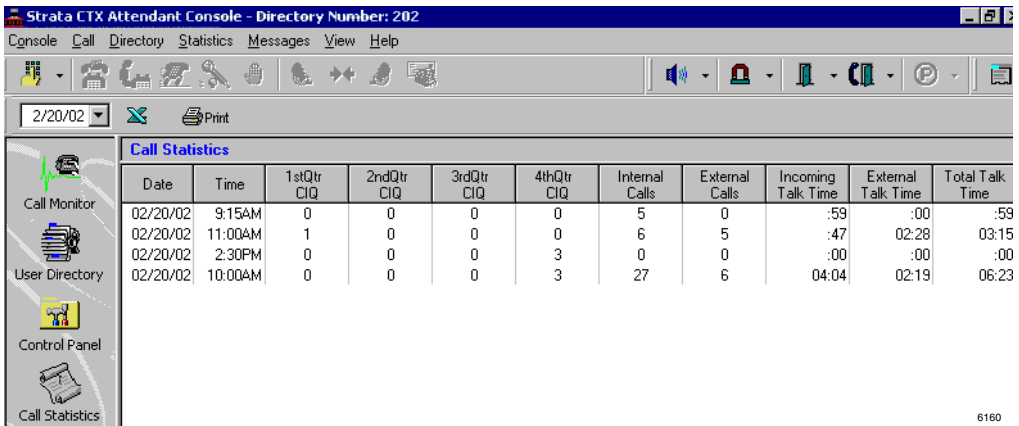
Statistics on incoming calls are collected and stored daily for each console. Each console collects information pertaining to that console only.

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 dialogue 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 dialogue box appears.
3. Enter a date range.
4. Browse to select the location for the Excel file.

Call Statistics

Call Statistics View

This page is intentionally left blank.

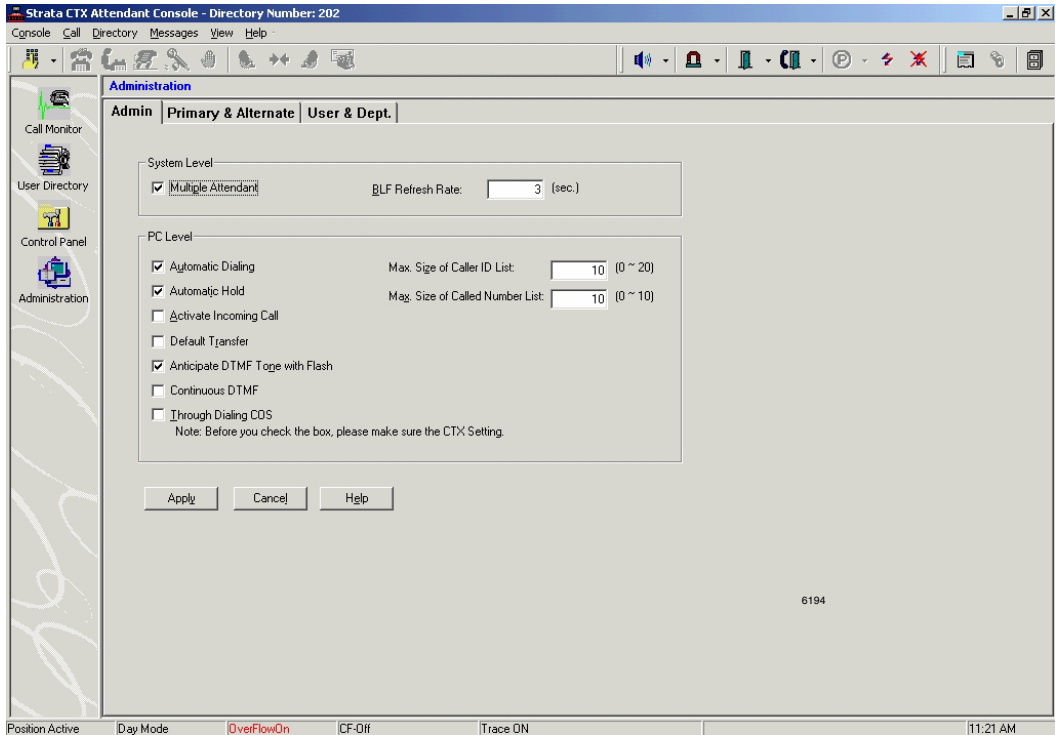
This chapter discusses the features of the Strata CIX IP Operator Console that apply to the Administrator.

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

Administration View

Admin Tab

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



The Admin tab contains the following sections:

FIELD	DESCRIPTION
Multiple Attendant	Allow multiple Operator 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 Dialling	Enable/Disable automatic dialling. 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 IP 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 dialogue 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 43 and " Prompts " on page 13.
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.

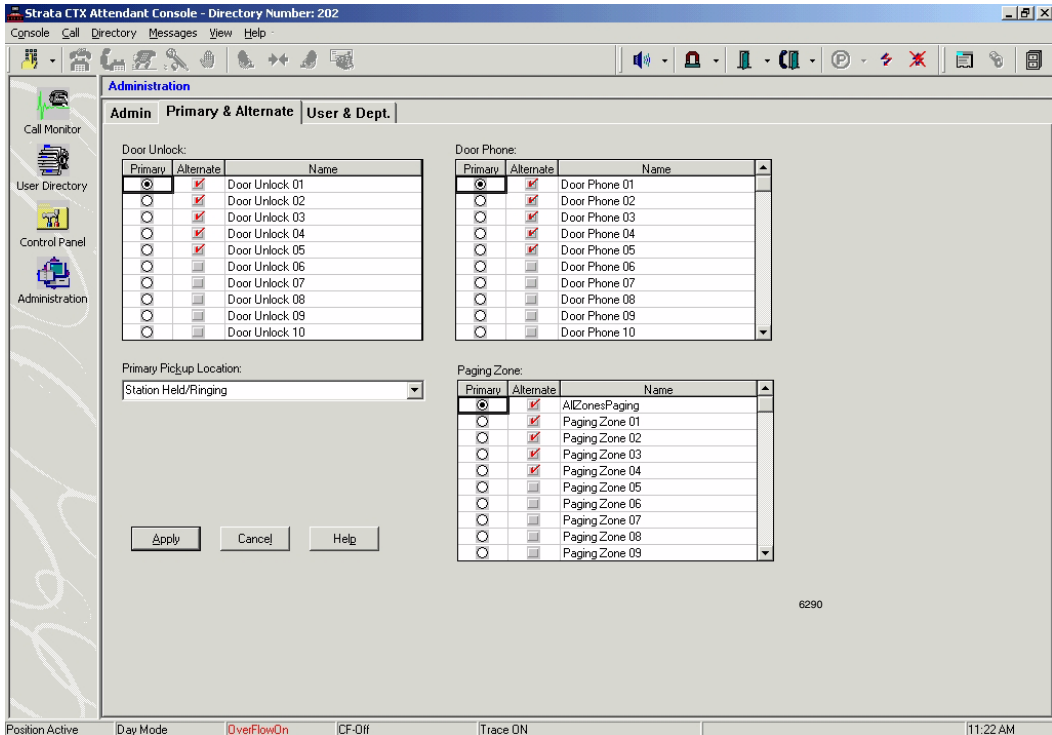
Notes

- 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 IP Operator programming.

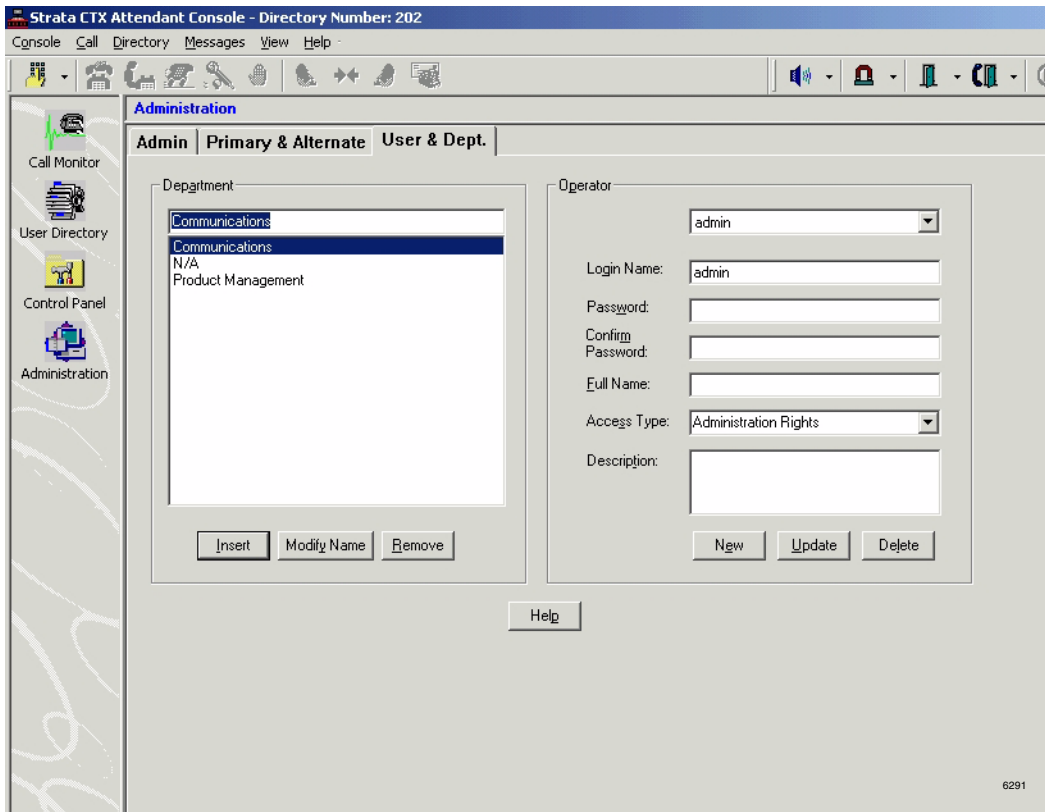
- To assign the Primary Pickup Location, click the down arrow in this box and select a location, then click Apply or OK.
- To make the Park feature available to the Attendant Console, click the down arrow in the Primary Park box, select a Park function, then click Apply or OK.

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.

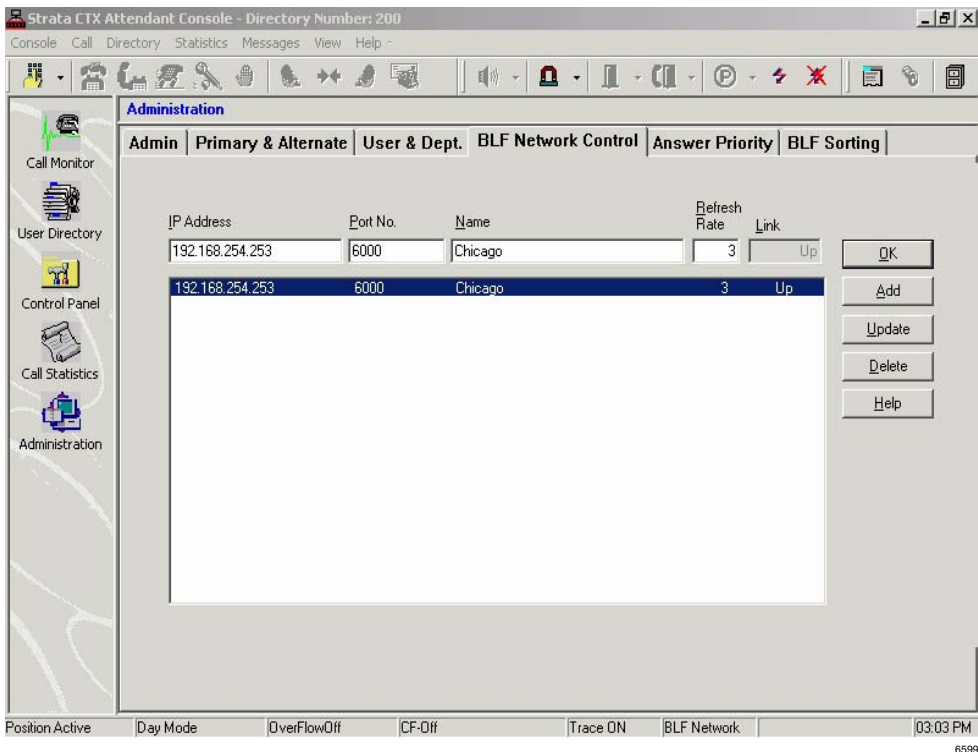


BLF Network Control Tab

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).

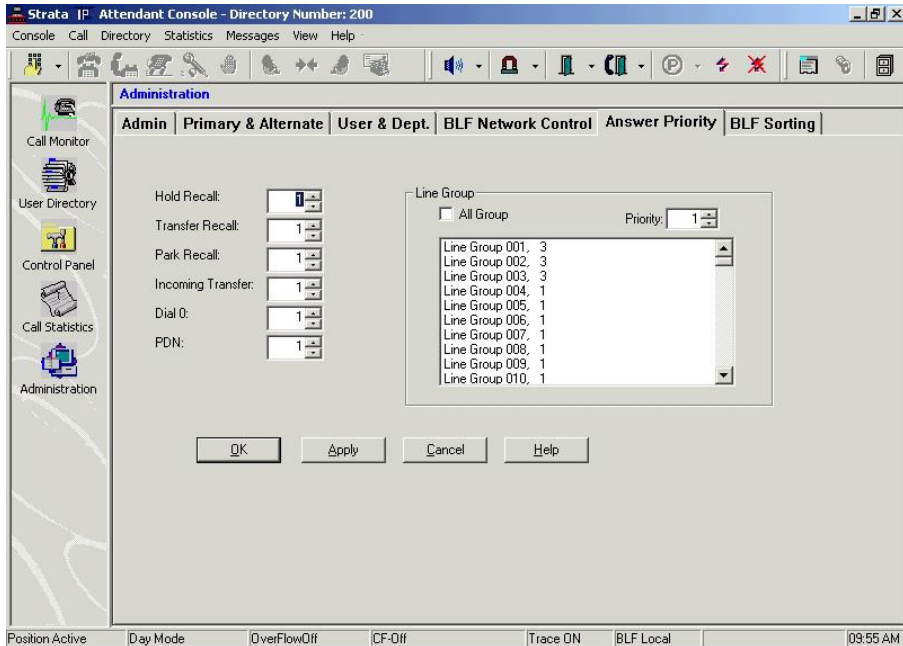
CAUTION! *Do not change the IP address, Port No., or name unless this data has been changed in the Strata CIX IP programming. This data must match the programmed information or the BLF will not work.*



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.



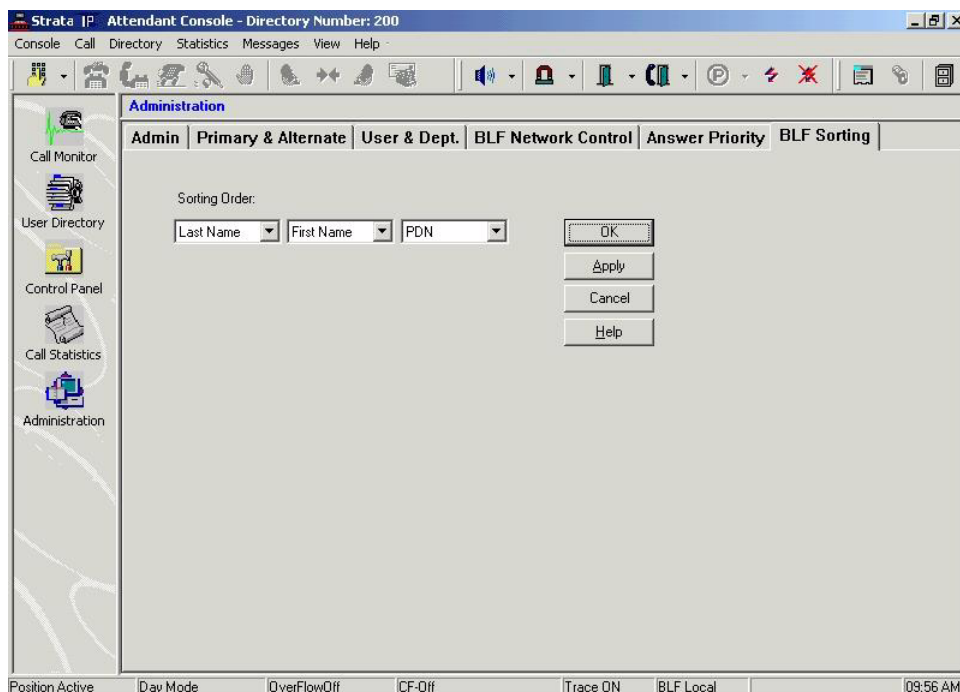
6597

- 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.

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 within priority numbers. For example, if there are three different priority levels in the directory, priority level 1 will be sorted by Last Name (or whatever you select), then priority level 2 users will be sorted by Last Name, and then priority level 3 users will also be sorted by Last 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.



6596

Backup Log Files

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



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.

This page is intentionally left blank.

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).
Dialling	The call is in the process of dialling.
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.

Appendix – Call List

Backup Log Files

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 Operator.
Pickup	The call was picked up.
Unpark	The call was parked and retrieved by the Operator.
Redirect	The call was redirected to the Operator.
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 Operator.
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.

Notes to Users

Step 1: Safety Approval

Toshiba Information System (U.K.) Ltd declare that the Strata CTX and CIX product ranges comply with the EEC's LVD directive, (Directive No. 73/23/EEC). The product has been assessed and found to comply with EN60950-1:2001.

The notes listed below form part of the products compliance with the aforementioned European Norm.

IMPORTANT SAFETY NOTES

- 1-1. Both systems must have an earth connection and must be hardwired to a main distribution point. The main cabinet must be earthed.
- 1-2. Table A-1 below identifies and classifies the ports available on the system:

Table A-1

Type of Circuit (EN60950 Classification)	Port Location	Port Description
SELV	Power SupplyBPSU672F/ APSU112F/CHSUB192F	For connection of external 24 volt batteries.
SELV	Processor BoardsACTU1F, ACTU2C, BECU1F, BBCU1F, BCTU2F, LCTU2C	For connection of external Music-On-Hold source and Ethernet LAN connection
SELV	AETS1A	Ethernet I/F for CTX100 only

Notes to Users

Step 1: Safety Approval

Table A-1 (continued)

Type of Circuit (EN60950 Classification)	Port Location	Port Description
SELV	PDKU2A/BDKU/BDKS/BWDKU	For connection of Toshiba proprietary terminals.
SELV	BSIS1A	For connection of Voice Mail and Call Logging Equipment. RS232 ports.
TNV3	RSTU1F/RSTU3F/BSTU1F/BSLU1F/BSLS1F/ASTU1F/LSLU	For connection of Approved 2 wire devices.
TNV3	PCOU2F/PCOUS2FR/COU/RCOS/RCOUS	For connection to PTO provided Loop Calling Unguarded Clear exchange lines.
TNV1	RBSU1A/ RBSU2A	2 Cct ISDN2, (TBR3), Basic Rate I/F. For connection to euro-ISDN services.
TNV1	RBSS1A & RBSS2A	2 Cct ISDN2, (TBR3), Basic Rate I/F. For connection to approved Euro-ISDN services & devices.
TNV1	RPTU1F/RPTU2F/BPTU1F	1 ccts ISDN30, (TBR4), primary rate I/F. For connection to euro-ISDN services..
TNV2	PACU2F/PACU3F	4 Cct AC15 Private Circuit I/F, (TBR17). For connection to PTO Private Circuit services.
TNV2	PEMU2F/REMU	4 Cct DC5 Private Circuit I/F, (TBR 17). For connection to PTO Private Circuit services.
SELV	BIOU1A	Contains various ports for connection of audio paging amplifiers, dry relay contacts to control external equipment.
SELV	BVPU1A/BIPUM2A/BIPQ1A/LIPU-X1A	Voice Over IP interface cards. House Ethernet/RS232 ports
SELV	Stratagy DK, IES32, GVMU1F	Integrated Voice Mail unit. Houses R232 ports.
SELV	RRCU1A	Optical interface board for connecting remote cabinets.
SELV	BPCI1A	USB port for connection of PC for CTI
SELV	DKT2500/DKT3000/DKT3500/IPT1020/DKT3200/IPT2000	Headset ports on any of the range of key telephones.
TNV3	LPFU1A	8 port power failure Transfer Unit for BSTU and RCOU units.
TNV3	LCNU-C1A, LCNU-D1A	Passive extender units for CIX product

Table A-1 (continued)

Type of Circuit (EN60950 Classification)	Port Location	Port Description
SELV	LEXU-A, LEXU-B, LCNU-B1A	Passive extender units for CIX product

Any peripheral apparatus connected to the above ports must have the same EN60950 classification. ie.

- SELV ports must only be connected to SELV type ports.
 - TNV ports must only be connected to TNV type ports.
- 1-3. The Strata CTX670 system must be hardwired into a switched fused spur, (which should comply with the requirements of a disconnecting device as specified in the standard EN60950), the switch on the fused spur outlet shall be considered the AC power disconnection device. This spur must be installed in accordance with 16th edition of the IEE wiring regulations, aka BS7671:1992. Or the latest edition of this standard.

The Strata CTX100 system must be hardwired into a switched fused spur, (which should comply with the requirements of a disconnecting device as specified in the standard EN60950), the switch on the fused spur outlet shall be considered the AC power disconnection device. This spur must be installed in accordance with 16th edition of the IEE wiring regulations, aka BS7671:1992. Or the latest edition of this standard.

The Strata CIX Office system must be hardwired into a switched fused spur, (which should comply with the requirements of a disconnecting device as specified in the standard EN60950), the switch on the fused spur outlet shall be considered the AC power disconnection device. This spur must be installed in accordance with 16th edition of the IEE wiring regulations, aka BS7671:1992 or the latest edition of this standard.

- 1-4. Environmental Installation details.

The Strata CIX & CTX is designed to work within the following environmental conditions:

- Operating temperature 0oC to 40oC
- Humidity 20% to 80%

Step 2: EU Compliance

Toshiba Information Systems (U.K.) Ltd declare that the Strata CIX, CTX100 & CTX670 complies with the EEC's EMC directive, Directive No. 89/366/EEC as amended by directive 92/31/EEC. The product has been assessed and found to comply with the following product specific standards:

- EN55022:1998-9, EN/IEC61000-3-2/1995, EN/IEC61000-3-3/1995 (Emissions)
- EN52024:1998, EN61000-4-2/1995+A1:1998, EN61000-4-3/1997+A1:1998,
- EN61000-4-4/1995+A1:2001, EN61000-4-5/1995+A1:2001, EN61000-4-6/1995+A1:2001, (Immunity)

The notes listed below form part of the products' compliance with the aforementioned European Norm.

To ensure EU compliance the system must installed in accordance with the instructions in the "Installation and Maintenance" manual. In order to maintain compliance any shielded cables supplied and/or ferrite suppression cores must be used.

Equipment details Strata CTX/CIX100

Base Cabinet Dimensions:	Expansion Cabinet Dimensions:
Height - 370mm	Height - 370mm
Width - 303mm	Width - 230mm
Depth - 259mm	Depth - 259mm
Weight - 8.8kg (fully equipped)	Weight - 6.9kg (fully equipped)

Equipment details Strata CTX/CIX670

Base Cabinet Dimensions:	Expansion Cabinet Dimensions:
Height - 296mm	Height - 254mm
Width - 672mm	Width - 672mm
Depth - 270mm	Depth - 270mm
Weight - 14.1kg (fully equipped)	Weight - 13.2kg (fully equipped)

Equipment details Strata CIX Office/CIX200

Base Cabinet Dimensions:	Expansion Cabinet Dimensions:
Height - 89mm	Height - 89mm
Width - 483 mm (with ears)	Width - 483mm (with ears)
Width - 440 mm (without ears)	Width - 440mm (without ears)
Depth - 410mm	Depth - 410mm
Weight - 7.2kg (cabinet & PSU)	Weight 7.0kg (cabinet & PSU)

Warning! *This is a Class A product. In a domestic environment this Product may cause radio interference in which case the User may be required to take adequate measures*

Step 3: Type Approval

Toshiba Information Systems (UK), Ltd, (TIU), hereby declares that the Strata CTX & CIX product range complies with the requirements of the EC Directive 1999/5/EC, (aka Radio & Telecommunications Terminal Equipment Directive). A manufacture's Declaration under this Directive allows connection to the relevant Public Network Services and the right to place the Product on the market.

The Strata CTX and CIX is classified as "Call Routing Apparatus" it is intended to be connected to the various Public Telecommunications Network Services for the purpose of generating and terminating "calls". Table 2 below lists the intended purposes of the relevant system network interfaces

Table A-2

Interface Type	Network Service
PCOU2F/RCOU	Analogue Loop Calling Unguarded Lines. PD7002
RPTU1F/RPTU2F/BPTU1F	Euro ISDN30 service. Approved to TBR 4 & TBR12.
RBSU1A & RBSU2A	Euro ISDN2 service. Approved to TBR 3.
PACU2F/PACU3F	Analogue 4 wire Private Circuits, uses AC15 signalling. Approved to TBR 17.
PEMU2F/REMU	Analogue 4 wire Private Circuits, uses DC5 signalling. Approved to TBR 17.

The system must be installed in accordance with BS6701 parts 1 and 2, the latest issue shall apply.

Toshiba Information Systems claim approval to OFTEL general variation NS/V/1235/P/100020. The information contained in this paragraph supports Toshiba's claim:

The following features require the interconnection of 2 or more exchange lines.

- Multi-party conferencing
- Call Forward External*
- Translation of Un-used Extension numbers*
- DISA*

***Warning!** *These features can allow an Incoming callers access to an outgoing exchange line. There is an engineering programming parameter which can disable these features. In addition the DISA feature can be “password” protected. USERS SHOULD BE AWARE THAT THESE FEATURES CAN BE USED FOR FRAUDULENT PURPOSES. Please consult your supplier to ensure any necessary security measures are enabled.*

Step 4: Network Planning Information

4-1. Strata CIX & CTX Tone Plan.

Table A-3 below lists the characteristics of the tones and signals used in Strata CIX & CTX.

Table A-3

Tones/ Signal to:	Frequency	Cadence	Meaning
Exchange Line	Music On Hold 1209Hz	N/A 0.12 ON 2s Off	Call on Hold Internatl Hold Tone
DKT	1. 500/640Hz	1s On 3s Off OR 1sOn 1s Off	I/C PSTN call Opt.1 & 2.
	2. 1240/1560Hz	1s On 3s Off OR 1sOn 1s Off	I/C PSTN call Opt.3 & 4.
	3. 840/1060Hz	1s On 3s Off OR 1sOn 1s Off	I/C PSTN call Opt.5 & 6.
	4. 840/1060Hz (T1) & 1240/1560Hz (T2)	T1-0.5s ON T2-0.5s On 3s Off OR T1-0.5s ON T2-0.5s On 3s Off	I/C PSTN call Opt.7. I/C PSTN call Opt.8.
	5. 2000Hz mod by 10Hz		I/C PSTN to Busy DKT
	5. 500Hz	1s On 3s Off	I/C Int call Opt 1
	6. 1300Hz	1s On 1 S Off	I/C Int call Opt 2
	7. 1000/800Hz	0.6s On 1000Hz/0.6s On 800Hz	Call from D/phone A
	8. 1000/800Hz	0.6s On 1000Hz/0.6s 800Hz	Call from D/phone B
	9. 660/500	0.7s On 660Hz/0.7s On 500Hz	Call from D/phone B
	10. 2000Hz	1s On 3s Off	Busy/DND Override
	11. 2000Hz 10Hz Intrpt	1s On 1 S Off	Recall Indication
12. 860/1180Hz (T1) & 1300/1780Hz (T2)	T1-0.5s ON T2-0.5s On Repeat	Emergency Ring down Call	

Table A-3(continued)

Tones/ Signal to:	Frequency	Cadence	Meaning
2 Wire extns	1. 20Hz	0.4s On 0.2s Off 0.4s On 3s Off	Ringling Signal Internal
	2. 20Hz	1s On 3s Off	Ringling Signal Internal
	3. DTMF A	80 or 160mS	Voice Mail Answer
	4. DTMF D	80 or 160mS	Voice Mail Disconnect
	5. DTMF B	80 or 160mS	Voice Mail Recall
	6. MWI Signal	0.9 ON/0.1s Off	Message Waiting Signal
	7. 20Hz	1s On 1 S Off	Recall Ringing Signal
	8. 1209Hz	2 bursts 0.16s On twice then 3s Off	External Call waiting
	9. 1209Hz	2 bursts 0.5s On twice then 3s Off	Internal Call waiting
Internal general	1. 350/440Hz	Continuous	Dial Tone
	2. 400(T1), 350/ 440Hz(T2)	4 bursts of 0.125s T2-3s On	DND Stutter Dial Tone
	3. 350/440Hz	5 bursts of 0.1s 3s On	MW Stutter Dial Tone
	4. 400/450Hz	0.4s On, 0.2s Off 0.4s On 2s Off	Ringling Back Tone
	5. 400Hz	0.375s On/0.375s Off Repeated	Normal Extension Busy
	6. 400Hz	0.375s On/0.375s Off Repeated	Busy-Extension in DND
	7. 400Hz	0.375s On/0.375s Off Repeated	NU/Reorder Tone
	8. 440Hz	1s On	Executive override
	9. 350/440Hz	3 bursts of 0.1s	Entry Tone
	10. 1209Hz(T1), 500Hz(T2)	T1-3 bursts of 0.25s, T2 0.25s three times	Operation rejected. In call
	11. 350/440Hz	3 bursts of 0.125s	Operation accepted In call
	12. 2000Hz	2 bursts of 0.125s	Progm Operation accepted
	13. 2000Hz	0.75s On	Prgm Operation rejected
	14. 350/440Hz	1s On 2s Off Repeated	CFD stutter dial tone

4-2. System Port to Port losses.

Notes to Users

Step 4: Network Planning Information

Table A-4 below lists the various “typical” transmission gains/losses when inter-connecting the various port types.

Table A-4

System Port Type	RCOU3R/PCOU2F		RBSU2A		RPTU1F/RPTU2F		PEMU2F/REMU		PACU2F/PACU3F		RSTU3F/ASTU	
	to	fm	to	fm	to	fm	to	fm	to	fm	to	fm
PCOU2F/RCOU	3.7	3.7	1.8	1.9	1.8	1.9	3.1	3.2	-0.7	-1.5		
RPTU1F/2F	1.9	1.8	0	0	0	0						
RBSU2A	1.9	1.8	0	0	0	0						
PEMU2F/REMU	3.1	3.2	1.3	1.3	1.3	1.3	2.6	2.6	-2.0	-2.0		
PACU2F/PACU3F	-0.7	-1.5	-3.4	-2.5	-3.4	-2.5	-2.0	-2.0	-6.0	-6.0		
RSTU3F/ASTU	-0.5	-1.0	-2.4	-2.8	-2.4	-2.8	-1.1	-1.5	-5.9	-6.2	-5.2	-5.2

-Values indicate a transmission loss.

4-3. Loudness Rating.

The table below lists the measured loudness rating of the Toshiba proprietary terminals.

SLR and RLR @ 0km PSTN. (All values are +/-dB)

Table A-5

System Port Type	PDKU2A/BDKU/BDKS ITS-A	
	SLR	RLR
PCOU2F/RCOU3F	1dB	-5dB to -16dB
RPTU1F/RPTU2F/RBSU1A	6dB	2dB to -10dB
PEMU2F/REMU	4dB	-2dB to -14dB
PACU2F/PACU3F	8dB	0dB to -9dB

Index

A

- about this book
 - conventions, [vi](#)
 - related documents, [vii](#)
- activate incoming call, [51](#)
- add new user icon, [8](#)
- administration, [49](#), [50](#), [52](#)
- administration view
 - admin tab, [50](#)
 - primary/alternate tab, [50](#)
 - user and dept. tab, [50](#)
- alternate
 - call pickup, [24](#)
 - door phone, [25](#)
 - page zone, [23](#)
 - park, [27](#)
- answer
 - icon, [8](#)
 - key, [3](#)
- arrow keys, [6](#)
- automatic
 - dialling, [51](#)
 - hold, [51](#)
- auto park, [27](#)

B

- backup log files, [57](#)
- backup log files icon, [8](#)

- BLF/DSS tab, [16](#)
- BLF network control tab, [54](#)
- BLF refresh rate, [51](#)
- BLF sorting tab, [56](#)
- blind transfer, [20](#), [51](#)
 - from BLF tab, [17](#)
 - icon, [8](#)
 - key, [3](#)
- broken database, [29](#)
- busy override, [15](#)
- buttons
 - extension, [vi](#)
 - settings, [42](#)

C

- call
 - back, [15](#)
 - completion, [14](#)
 - conference, [21](#)
 - forward, [28](#), [40](#)
 - settings, [41](#)
 - history, [14](#)
 - making a call, [14](#)
 - monitor view, [7](#)
 - park, [27](#)
 - pickup, [24](#)
 - statistics view, [46](#)
 - transfer, [20](#)

- called number, 51
- caller ID, 51
- call forward, 29
 - create menu items, 42
- call park (enable), 52
- call pickup (enable/assign), 52
- call statistics, 9, 45
- cancel
 - cancel msg waiting icon, 8
 - message waiting, 15
- CF (see call forward)
- changing status, 28
- conference, 21
 - release last party, 22
- console
 - overflow, 40
 - status, 29
- consultation transfer, 8, 17, 20
- ConsultHold, 20, 59
- contact tab, 33
- control panel view, 40

D

- database link, 28, 29
- date/time, 40
- date and time, 28, 40
- day, day 2, or night mode, 28
- destination, 22
 - icon, 8
- destination key, 4
- dest key, 4
- dial
 - directory, 18
 - icon, 8
 - key, 4
- dial a number, 14
- directory lists, 38, 56
- directory tab, 18

- door phone
 - calling, 25
 - icon, 8
- door phones and locks (assigning), 52
- door unlock, 26
- DTMF, 51

E

- emergency page, 23
- error message, 29
- executive override, 15
- export directory list, 38
- ExportToExcel, 9
- extension number, vi

F

- F11 key, 5
- F12 key, 5
- F1 key, 5
- feature keys tab, 44
- flash, 51

H

- help key, 5
- hold
 - a call, 19
 - ConsultHold, 59
 - icon, 8
- hold/retrieve key, 3

I

- icons, 8
 - add new user, 8
 - answer, 8
 - backup log files, 8
 - blind transfer, 8
 - cancel msg waiting, 8

- consult transfer, 8
- destination, 8
- dial, 8
- door phone, 8
- hold, 8
- join/split, 8
- paging, 8
- park, 8
- pickup, 8
- reconnect database, 8
- release, 8
- set msg waiting, 8
- source, 8
- unlock door, 8
- user directory, 35
- views, 7
- voice mail transfer, 8

import

- directory list, 38

info bar, 9

IP address, 54

J

- join, 21
- join/split
 - icon, 8
 - key, 4

K

keypad, 3

keys

- answer transfer (blind), 3
- dest, 4
- dial, 4
- help, 5
- hold/retrieve, 3
- join/split, 4
- next tab, 4

- release, 3
- source, 4
- transfer (supv.), 3
- transfer to VM, 3
- vol dn, 5
- vol up, 5

L

login, 11

M

- making a call, 14
- menu bar, 8
- messages tab, 23
- message waiting, 31
 - cancel, 15
 - icon, 8
 - msg light, 30
- multiple operators, 51

N

- network control, 54
- next tab key, 4
- next view
 - key, 4
- night mode, 28
- night transfer, 40
- numeric keypad, 3

O

- operator keys, 3, 4
- overflow, 28, 40
- override
 - busy, 15
 - executive, 15

P

- page zone
 - alternate, 23
 - emergency, 23
 - primary, 23
- paging, 23
 - icon, 8
- paging zones (assigning), 52
- park
 - a call, 27
 - alternate, 27
 - icon, 8
 - primary, 27
 - retrieve, 27
- park (enable), 52
- park page, 27
- pickup, 24
 - alternate, 24
 - icon, 8
- pickup (enable/assign), 52
- port, 54
- position
 - active, 28
 - busy, 28, 51
- primary
 - call pickup, 24
 - door phone, 25
 - page zone, 23
 - park, 27
- primary/alternate tab, 52
- print, 9
- prompt/notes tab, 13
- prompts tab, 43

R

- reconnect database, 29
 - icon, 8

- redial the last number, 14
- refresh rate, 54
 - BLF, 51
- release
 - a call, 13
 - icon, 8
- release key, 3
- release last party, 22
- retrieve
 - key, 3
- retrieve a parked call, 27
- retrieve parked call, 27
- ring mode, 15

S

- set msg waiting icon, 8
- settings button, 42
- setup conference, 20
- source, 22
 - icon, 8
 - key, 4
- special function keys, 4
- speed dial, 15
 - (also see feature keys tab)
- split, 21
 - icon, 8
 - key, 4
- station park, 27
- status, 40
- supervised transfer, 20
- swap, 22
- switch between source/destination parties, 22

T

- tabs
 - administration
 - admin, 50

- primary/alternate, 52
 - user & dept., 53
- BLF/DSS, 16
- contacts, 33
- directory, 18
- feature keysF2~F10 keys, 44
- messages, 23
- prompt/notes, 13
- prompts, 43
- time, 28
- time/date, 40
- tone/voice, 15
- tool bars, 8
- transfer, 3, 17, 20
 - blind, 20
 - blind key, 3
 - supv., 20
- transfer (supv.) key, 3
- transfer to VM, 21
 - key, 3

U

- unlock door
 - alternate, 26
 - icon, 8
 - primary, 26
- user & dept. tab
 - administration, 53
- user directory view, 35

V

- view pane, 7
- views
 - administration, 49
 - call monitor, 7
 - call statistics, 45
 - control panel, 40
 - controls, 7