

Leap Telecom Configuration Guide: SIP Enabled IP Intercoms

Document Part #931952A

CyberData Corporation

3 Justin Court Monterey, CA 93940 (831) 373-2601



Leap Telecom Configuration Guide: SIP Intercoms Document #931952A

COPYRIGHT NOTICE:

© 2022, CyberData Corporation, ALL RIGHTS RESERVED.

This configuration guide and related materials are the copyrighted property of CyberData Corporation. No part of this configuration guide or related materials may be reproduced or transmitted, in any form or by any means (except for internal use by licensed customers), without prior express written permission of CyberData Corporation. This configuration guide, and the products, software, firmware, and/or hardware described in this configuration guide are the property of CyberData Corporation, provided under the terms of an agreement between CyberData Corporation and recipient of this configuration guide, and their use is subject to that agreement and its terms.

DISCLAIMER: Except as expressly and specifically stated in a written agreement executed by CyberData Corporation, CyberData Corporation makes no representation or warranty, express or implied, including any warranty or merchantability or fitness for any purpose, with respect to this configuration guide or the products, software, firmware, and/or hardware described herein, and CyberData Corporation assumes no liability for damages or claims resulting from any use of this configuration guide or such products, software, firmware, and/or hardware. CyberData Corporation reserves the right to make changes, without notice, to this configuration guide and to any such product, software, firmware, and/or hardware.

OPEN SOURCE STATEMENT: Certain software components included in CyberData products are subject to the GNU General Public License (GPL) and Lesser GNU General Public License (LGPL) "open source" or "free software" licenses. Some of this Open Source Software may be owned by third parties. Open Source Software is not subject to the terms and conditions of the CyberData COPYRIGHT NOTICE or software licenses. Your right to copy, modify, and distribute any Open Source Software is determined by the terms of the GPL, LGPL, or third party, according to who licenses that software. Software or firmware developed by CyberData that is unrelated to Open Source Software is copyrighted by CyberData, subject to the terms of CyberData licenses, and may not be copied, modified, reverse-engineered, or otherwise altered without explicit written permission from CyberData Corporation.

TRADEMARK NOTICE: CyberData Corporation and the CyberData Corporation logos are trademarks of CyberData Corporation. Other product names, trademarks, and service marks may be the trademarks or registered trademarks of their respective owners.



Revision Information

8/26/2022 – Initial Release



Table of Contents

2
3
4
5
6
10
13
13
14
15
16
17
18
19



1.0 Supported CyberData Products

This section describes the products used for interoperability testing with Leap Telecom.

EQUIPMENT	MODEL or PART NUMBER	FIRMWARE VERSION	
CYBERDATA SIP OUTDOOR INTERCOM	011186	20.4.1 or greater	
CYBERDATA SIP INDOOR INTERCOM	CYBERDATA SIP INDOOR INTERCOM 011211 20.4		
CYBERDATA SIP EMERGENCY INTERCOM	011209	20.4.1 or greater	
CYBERDATA SIP KEYPAD INTERCOM	011214	20.4.1 or greater	
SIP HAND WAVE INDOOR INTERCOM	011530	1.0.0 or greater	
SIP OUTDOOR INTERCOM WITH RFID	011477	1.0.0 or greater	

Table 1-1: <u>Supported CyberData Products</u>



2.0 Before You Start

Network Advisories

Leap Telecom uses a Fully Qualified Domain Name (FQDN) for the SIP server. The CyberData intercom needs to perform a DNS query to resolve the IP address of Leap Telecom's Instance Name FQDN.

In addition, be sure to verify the following ports are available for the intercom to use:

- UDP 5060 (SIP)
- TCP 5060, 5061 (SIP)
- UDP 10500 (RTP)

The intercom will need to traverse the public internet in order to operate with Leap Telecom in the cloud. The intercom's paging and Nightringer extension uses SIP port 5060 to send and receive SIP messages.

SIP ports 5060 and RTP port 10500 are the default values on all noted firmware levels. Alternatively, SIP ports are configurable on the **SIP** page of the web interface. The RTP port setting on the **SIP** page is used for both extensions.

Product Documentation and Utilities

Before you start, download the Operation and Quick Start guides from the intercom's product webpage:

SIP Outdoor Intercom:

https://www.cyberdata.net/collections/sip/products/011186

SIP Indoor Intercom: https://www.cyberdata.net/collections/sip/products/011211

SIP Emergency Intercom: https://www.cyberdata.net/collections/sip/products/011209

SIP Outdoor Keypad Intercom https://www.cyberdata.net/collections/sip/products/011214

The CyberData Discovery Utility can be used to locate CyberData devices on your network. You may download it from the following web address: https://www.cyberdata.net/pages/discovery

Note: DHCP addressing mode is enabled on default on all noted firmware levels.



3.0 Setting up a Device in the Leap Tel System

This section outlines how to create a device in the Leap Tel system.

- 1. Login to the Leap system
- 2. Mouse over instances and select the site/instance where the device will be used.



leap 🖉		
A Dashboard		Trail Traveler TEST
ACCOUNT	>	Name Trail Traveler TEST Email
INSTANCES	>	site1.cust90003105.uc.leap.tel site2.cust90003105.uc.leap.tel New Instance
		Postal code Contact number



3. From the site page select **Devices**, then press the + button to create a new device.

<u>)evices</u>								8 -
earch:								
Name	Login	SIP Caller ID name	SIP Caller ID number	Edit	Delete	Origins	Registration Status	Routing
Ted Home Phone	tedxxx	Traveler Traveler		<u>#</u>	<u> </u>	<u>+</u>	•	<u>N</u>
Home Speaker	cyb3r	Traveler Traveler		<u>#</u>	<u> </u>	<u>+</u>	٠	Ň
Test device	fubar	Traveler Traveler		<u>/</u>	<u> </u>	<u>+</u>	٠	
Cyber Intercom	Intercom	Traveler Traveler		<u>#</u>	<u>ů</u>	ŧ	•	M
CyberNight	CyberNight	Traveler Traveler		<u>#</u>	<u>ů</u>	ŧ	•	M
CallButton	CallButton	Traveler Traveler		<u>#</u>	<u>ů</u>	ŧ	•	<u>N</u>
PaulSoftphone	PaulSoftphone	Traveler Traveler		<u>#</u>	<u> </u>	<u>+</u>	•	<u>N</u>
KERRY'S DESK PHONE	kgarrison123	Traveler Traveler		<u>/</u>	<u> </u>	<u>+</u>	٠	<u>Av</u>
3how 1 - 8 of 8		<	<	>	>			O

Figure 3-2: Workspaces Page

- **4.** Set the **Name** of the device, being descriptive can help for device management in the future.
- 5. Set the Login field as desired, CyberData recommends not using spaces, hyphens, or underscores.
- 6. Press Save at the bottom of the page.



|--|

CyberData Indoor Intercom	
Login 🔁	
Indoor_Intercom	
Password 0	REGENERATE PASSWORD

- 7. After pressing save the page will refresh, click on Extensions.
- 8. In the Extensions section press the + to create a new extension.

Ex	tensions						9 -
Sea	Irch:						
I	Name	Number	Edit	Delete	Origins	Routing	
	CyberData Ring Group	3004	<u>#</u>	<u> </u>	<u>+</u>	N	
ł	Kerry Home Speaker	4001	<u>#</u>	<u> </u>	<u>+</u>	M	
(Cyber Intercom	3006	ø	Ē	<u>+</u>	N	
(CyberNight	3008	<u>a</u>	<u> </u>	<u>+</u>	<u>N</u>	
(CallButton	3010	din .	<u>۵</u>	<u>+</u>	N	
F	PaulSoftphone	3011	(A)	<u> </u>	<u>+</u>	N	
S F	Sales Conference Room Ext	4002	<u>#</u>	<u> </u>	<u>+</u>	M	
ł	Кеггу	1002	ø	Ē	<u>+</u>	N	
	Ted	2005	<u>an</u>	<u> </u>	<u>+</u>	N	
Sho	ow 1 - 9 of 9	<	<	>	>		
							•

Figure 3-4: Pick a device



- **9.** In the New extension window set a **Name** for the extension. CyberData recommends having the name correlate to the device that will use the extension.
- 10. Set the Number as desired.
- 11. Set the Destination to the Name of the device set in step 4.
- 12. Press Save.

I ISUIC J-J. NEW EXCENSION CLEANOR	Figure 3-5:	New	Extension	Creation
------------------------------------	-------------	-----	-----------	----------

New extension	on	
Name 🚯		
CyberData Indoor In	ntercom	
Number ()		
3006		
Destination ()		
CyberData Indoor	Intercom (device:3442)	▼
CANCEL	SAVE	

Configuration on the Leap Tel side is now complete and the CyberData device is ready to be configured. Values set on the Device tab are required for registration, CyberData recommends opening up the Device created in steps 3 - 6 for ease of copy and pasting.



4.0 Setting up the CyberData Intercom

This section outlines the required sections for the CyberData device and how the credentials supplied from Leap correlate to the CyberData settings. For the purposes of the document the SIP Intercom is used to illustrate how to setup the device.

Table 4-1: SIP Credential Explanation

Leap Credential	CyberData Setting
Instance	Primary SIP Server
Device Login	Primary SIP User ID
Device Login	Primary SIP Auth ID
Device Password	Primary SIP Auth Password

CyberData's default login credentials are: Username: admin Password: admin

1. Log into the web interface of the CyberData device.

Figure 4-1: Home Tab

Home Device	Network SIP	SSL Multicast	Sensor Audiof	iles Events	DSR	Autoprov	Firmware		
CyberData Intercom									
Device Status		Sensor Statu	S	Imp	ort Setti	ngs			
Serial Number:	211200122	Relay Status:	Locked	Choos	se File No file	chosen			
Mac Address:	00:20:f7:04:04:6d	Door Status:	Closed						
Firmware Version:	v20.4.1	Intrusion:	Opened	Impo	rt Config				
Partition 3:	v20.4.1	Admin Settin	ae						
Booting From:	partition 2	Aunin Setun	ys						
		Username: ad	min	Exp	ort Setti	ngs			
Boot From Other Partition		Password: ···	•			-			
		Confirm Password: ···		Expo	rt Config				
IP Addressing:	DHCP								
IP Address:	192.168.1.16	Save R	eboot Toggle Help						
Subnet Mask:	255.255.255.0								
Default Gateway:	192.168.1.1								
DNS Server 1: DNS Server 2:	192.108.1.1								
SIP Volume:	4								
Multicast Volume:	4								
Ring Volume:	4								
Sensor Volume:	4								
Microphone Gain:	4								
Push to Talk Microphone Gain:	: 4								
SIP Mode:	Enabled								
Multicast Mode: Event Reporting:	Disabled Disabled								
Primary SIP Server:	Not registered								
Backup Server 1:	Not registered								
Backup Server 2:	Not registered								
Nightringer Server:	Not registered								



- 2. Navigate to the SIP tab.
- 3. Set the Primary SIP Server field to the FQDN of the Instance.
- 4. Set the Primary SIP User ID to the Device Login set in step 3-5.
- 5. Set the Primary SIP Auth ID to the Device Login set in step 3-5.
- 6. Set the Primary SIP Auth Password to the Device Password.

Note: Leap Tel supports both UDP and TCP for SIP Transport. Please use either of the transport protocols, during testing CyberData found that TCP preforms best.

7. Save and Reboot.

SIP Settings		Nightringer S	Settings		
Enable SIP operation:		SIP Server:		Host or IP address	
Register with a SIP Server:		SIP User ID:		User ID	
Primary SIP Server:	site1.cust90003105.uc.leap.tel	SIP Auth ID:		Auth ID	
Primary SIP User ID:	Indoor_Intercom	SIP Auth Password		Password	
Primary SIP Auth ID:	Indoor_Intercom	Re-registration Interva	SIF Auth Password. Password		
Primary SIP Auth Password:	•••••				
Re-registration Interval (in seconds)	360				
		Dial Out Sett	ings		
Backup SIP Server 1:	Host or IP address	Dial out Extension:	204		
Backup SIP User ID:	User ID	Extension ID:	id204		
Backup SIP Auth ID:	Auth ID	Send Multicast Audio:	:		
Backup SIP Auth Password:	Password	Multicast Address:	224.5.5.5		
Re-registration Interval (in seconds)	: 360	Multicast Port:	5050		
		Repeat Message:	1		
Backup SIP Server 2:	Host or IP address				
Backup SIP User ID:	User ID				
Backup SIP Auth ID:	Auth ID	Call Disconn	ection		
Backup SIP Auth Password:	Password	Terminate Call after de	elay: 0		
Re-registration Interval (in seconds)	: 360				
Domoto SID Dort	5000				
Remote SIP Port:	5000	Audio Codec	Selection	on	
Local SIP Port:	5060	Codec: Auto Select	~		
SIP Transport Protocol:	TCP V				
TLS Version:	1.2 only (recommended)	PTD Sottings			
Verify Server Certificate:		KIF Settings			
		RTP Port (even):	10500		
Outbound Proxy:	Host or IP address	Asymmetric RTP:			
Outbound Proxy Port:	0	Jitter Buffer:	50		
Use Cisco SRST		RTP Encryption (SRT	P): Disabled	<u>~</u>	
Disable rport Discovery:					
Unregister on Boot:		Save Reboot	Toggle Help		
Keep Alive Period:	10000				

Figure 4-2: SIP Tab



If the credentials have been entered correctly the device should now be registered with Leap. This can be verified on the home tab of the web interface or on the Leap Device page.

	1												
Home	Device	Network SIP	SSL Mult	icast Sensor	Audiofiles	Events	DSR	Autoprov	Firmware				
		Cy	horſ	lata I	ntor	'con	n						
		U y	DCIL	ala	IIICI	COI							
Device	Status		Sensor	Status		Impo	rt Sotti	nas					
	otatus	244200422	Delise Status			Impo		ilg5					
Mac Address	er: S:	00:20:f7:04:04:6d	Door Status:	Closed	а I	Choose	File NO TILE	cnosen					
Firmware Ve	rsion:	v20.4.1	Intrusion:	Opene	d	Import	Config						
Partition 2: Partition 3:		v20.4.1 v20.4.1	Admin 9	Settings									
Booting From	n:	partition 2		Jettings		Even							
De et Ferrer	Other Destition		Username:	admin		Export Settings							
Bool From	Other Partition		Confirm Pass	word ·····		Export	Config						
IP Addressin	ıg:	DHCP	001111111100]								
IP Address:		192.168.1.16	Sa	ve Reboot To	ggle Help								
Default Gate	c way:	192.168.1.1	_										
DNS Server	1:	192.168.1.1											
DNS Server 2	2:												
SIP Volume:		4											
Ring Volume	lume:	4											
Sensor Volu	me:	4											
Push to Talk Microphone	Volume: Gain:	4											
Push to Talk	Microphone Gain	: 4											
SIP Mode:		Enabled											
Multicast Mo	de:	Disabled											
Event Report	ting:	Disabled											
Primary SIP	Server:	Registered											
Backup Serv	ver 1: ver 2:	Not registered											
Nightringer S	Server:	Not registered											

Figure 4-3: <u>Home Tab – Registered</u>



5.0 Using the CyberData Intercom in a Leap Telecom system.

CyberData Intercoms are used for access control. Depending on the number of keys the intercom has there are different ways to use the intercom. A single button intercom can be configured to call a number when the call button is pressed. The Keypad variants can take advantage of the keypad and dial numbers to make a call. There are several different modes that can be used on Keypad intercoms.

5.1 Setting the Dialout Extension – Single button intercom

Once the intercom is registered with Leap Telecom, the "Dial out Extension" will need to be set for the intercom to call a number when the front call button has been pressed. This number can be either a direct extension, hunt group, call queue, or a direct phone number.

- 1. After Logging into the intercom go to the **SIP** Tab.
- 2. On the SIP Tab set the Dial out Extension to the address you want the intercom to call.
- 3. The Extension ID of the intercom is what should appear on the caller ID of the intercom.

Dial Out Settings									
Dial out Extension:	123								
Extension ID:	Front Entra	1							
Send Multicast Audio:									
Multicast Address:	224.5.5.5	24.5.5.5							
Multicast Port:	5050								
Repeat Message:	1								

Figure 5-1: Set the Dial out Extension



5.2 Calling with a Keypad Intercom

The Outdoor Keypad Intercom (011214) has multiple different 'Dial Modes' that can be used which will make the intercom operate in a slightly different manner. There are four different dial modes that can be used. Telephone Operation, Cell Phone Operation, Speed Dial Operation, and Security Operation. These different modes are selected on the Buttons page.

	_																	
Home	Device	Buttons	Security	Network	SIP	SSL	Multicast	Access Log	Sensor	Audiofiles	Events	DSR	Autoprov	Firmware				
	CyperData Keypad Intercom																	
							-) r											
Dial Mode Speed Dial Settings																		
Enable Tele	ephone Ope	ration: 💿					Speed Dial Timeout: 0											
Enable Cel	I Phone Ope	eration:					Keyp	ad 1: 800		ID: Ent	trance Interc	om						
Enable Spe	ed Dial Ope	tion:					Keyp	ad 2: 801	ID: Entrance Intercom									
Enable Sec	unty Opera						Keyp	ad 3: 802		ID: Entrance Intercom								
							Keyp	ad 4: 803		ID: Ent								
Securi	ty Mod	e Settin	igs				Keyp	ad 5: 804		ID: Ent								
Relay Activ	ation Code	9876123					Keyp	ad 6: 805		ID: Ent	ID: Entrance Intercom							
Relay Dead	tivation Co	de: 9876456					Keyp	ad 7: 806		ID: Entrance Intercom								
							Keyp	ad 8: 807	ID: Entrance Intercom									
Allow Telep	phone Dialo	ut: 🔲					Keyp	ad 9:		ID:								
							Keyp	Keypad 0: ID:										
Call Button	: 600		ID: Ent	rance Intercor	m		Keyp	ad *:	ID:									
Send Multi	cast Audio:						Keyp	ad #:		ID:								
Multicast A	ddress:	224.5.5.5					Call E	sutton: 600		ID: Ent	trance Interc	om						
Multicast P	ort:	5050																
Repeat Me	ssage:	1					But	ton Tone	s									
								Satton Tones.										
								ave Deboot										
								Kebuul										
							Start Button Test Toggle Help											

Figure 5-2: Dial Modes

• Telephone Operation

• This mode operates like a telephone. Press the call button and then dial the number.

• Cell Phone Operation

- This mode operates like a cell phone. Dial the number then press the call button.
- Speed Dial Operation
 - This allows each button (0-9 * # Call Button) to be for a specific speed dial number. The Speed Dial Timeout is how long the button must be pressed before the call will send.
- Security Operation
 - This mode restricts the calling options to only the call button. The keypad is then used for "Security Codes" for access control without making a call. Check the operations manual for more details on the Security Codes.



5.2.1 Setting up Speed Dial Operation

After setting the dial mode to **Speed Dial Operation**, the **Speed Dial settings** will be configurable. **Speed Dial Timeout** is how long the button will need to be pressed to make a call; if set to 0 the call will send immediately.

Home	Device	Buttons	Security	Network	SIP	SSL	Multicast	Access Lo	g Sensor	Audiofiles	Events	DSR	Autoprov
					4-	V			l				
	(Gyi	per	Da	ta	N	eyp)au	INT	erc	om		
Diel M	a da						Cm		Cattinan	_			
	ode						Sp	eed Dia	Settings	5			
Enable Tele	phone Oper	ration: O					Spee	d Dial Timeo	it: 0				
Enable Cer Enable Spe	ed Dial Ope	ration:					Keyp	ad 1: 800		ID: E	intrance Interc	om	
nable Sec	urity Operat	tion: O					Keyp	Keypad 2: 801 ID: Entranc					
							Keyp	Id 3: 802 ID: Entrance Intercom					
Securi	tv Mod	e Settin	as				Keyp	ID. Entrance Intercom					
	ly mou		90				Kevp	Keypad 6: 805			intrance Interc	om	_
Relay Activ	ation Code:	Je: 9876123					Keyp	ad 7: 806	806 ID: Entrance Intercom			_	
telay Dead	tivation Cod	e: 9876406					Keyp	ad 8: 807		ID: E	intrance Interc	om	
llow Teler	hone Dialou	ut- 🔲					Keyp	ad 9:		ID:			
Allow Telephone Dialout:						Keyp	ad 0:		ID:				
all Button	.600		ID: En	trance Interco	ım		Keyp	ad *:		ID:			
Send Multi	ast Audio:						Keyp	ad #:		ID:			
Multicast A	ddress: 2	224.5.5.5					Call E	Button: 600		ID: E	intrance Interc	om	
Multicast P	ort: E	5050											
Repeat Me	ssage: 1	1					Bu	tton Tor	es				
									: 🖌				
								ave Reb	ot				
									The sector	la la			
							5	start Button Te	st Toggle H	leip			

Figure 5-3: Speed Dial Settings



5.2.2 Setting up Security Mode Operation

Security Mode Operation will make the call button function as the main way to make a call. The call button can call a direct extension, ring group/call queue, or a standard phone number. The keypad can then be used for security codes that are configured on the security tab.

Relay Activation and Relay Deactivation are codes that can be entered on the keypad to activate and deactivate the relay. If those fields are left blank, they will be disabled.

Home Device Buttons Security Network SIP SSL	Multicast Acc	ess Log Sensor	Audiofiles	Events	DSR	Autoprov	Firmware						
CyberData Keypad Intercom													
Dial Mode Enable Telephone Operation: Enable Cell Phone Operation: Enable Speed Dial Operation: Enable Security Operation:	Speed Dial Settings speed Dial Timeout: 0 Keypad 1: 800 ID: Entrance Intercom Keypad 2: 801 ID: Entrance Intercom Keypad 3: 802 ID: Entrance Intercom												
Security Mode Settings Relay Activation Code: 9876123 Relay Deactivation Code: 9876456	Keypad 5: Keypad 6: Keypad 7: Keypad 8:	804 ID: Entrance Intercom 805 ID: Entrance Intercom 806 ID: Entrance Intercom 807 ID: Entrance Intercom											
Allow Telephone Dialout: Call Button: 600 D: Entrance Intercom	Keypad 9: Keypad 0: Keypad *: Keypad #:	ID: ID: ID: ID: ID:											
Send Multicast Audio: Keypad #: ID: Multicast Address: 224.5.5.5 Call Button: Multicast Port: 5050 ID: Expeat Message: 1 Button Tones													
Play Button Tones: ♥ Save Reboot													

Figure 5-4: Security Mode Operation



5.3 Activating the on-board relay

While in a call with the intercom, DTMF codes can be entered on the phone to trigger the onboard relay of the intercom. These settings are found on the Device tab of the web interface.

- Relay Pulse code
 - Activates the relay for the configured Relay Pulse Duration.
- Relay Pulse Duration
 - How long the relay will activate when the Pulse code is sent.
- Relay Activation Code
 - This code activates the relay.
- Relay Deactivation Code
 - \circ $\;$ This code deactivates the relay.

Figure 5-5: Relay Settings

Home	Device	Buttons	Security	Network	SIP	SSL	Multicast	Access Log	Sensor	Audiofiles	Events	DSR	Autoprov	Firmware	
	CyberData Keypad Intercom														
Volum SIP Volum Multicast V Ring Volum Sensor Vol Push to Ta Microphon Push to Ta	e Settii e: 2 folume: 2 ume: 2 lik Volume: 4 bhone \$ e Gain: lik Micropho	ngs (0-9) ; (0-9)				Rela Activ Relay Relay Relay Play Activ Activ Activ Relay	ate Relay with D (Pulse Code:) Pulse Duration (Activation Cod) Deactivation Cod (Deactivation Cod Tone During DTM ate Relay During ate Relay During ate Relay Umile ate Relay On Bur (on Button Pres	GS TMF code: (in seconds e: ode: AF Activatio (Ring: (Night Ring: Call Active: tton Press: is Duration:	2 456 654 11					
Clock Settings Enable NTP: NTP Server: north-america.pool.ntp.org Timezone: America.Los_Angeles Current Time:Thu, 03 Oct 2019 15:58:08							Mis Devic Auto Butto Butto Keyp Play Enab Enab Preve Disat	Misc Settings Device Name: Keypad Intercom Auto-Answer Incoming Calls: Button Lit when Idle: Button Brightness (0-255): 255 Keypad Brightness (0-255): 255 Play Ringback Tone: Enable Push to Talk: Enable DTMF Push to Talk: Prevent Call Terminatio: Disable HTTPS (NOT recommended):							
Save Test Audi	Reboot o Test M	Toggle Help icrophone	Test Relay												

Note: Enable "Play Tone During DTMF Activation" if you want a tone to play when the onboard relay is active.



6.0 Setup Diagram



Figure 6-1: Interoperability Test Infrastructure



7.0 Contact CyberData Corporation

Sales

For sales-related questions, please visit our <u>Contact CyberData Sales</u> web page for more information.

Technical Support

For CyberData Technical Support, please submit a <u>Contact CyberData VoIP Technical Support</u> form on our website.

The CyberData VoIP Technical Support Contact form initiates a troubleshooting ticket which CyberData uses for quality assurance purposes.

Additionally, the Contact VoIP Tech Support form tells us which phone system you are using, the make and model of the network switch, and other essential troubleshooting information we need to efficiently assist with a resolution. Please also include as much detail as possible in the Describe Problem section of the form. Your installation is extremely important to us.

Documentation Feedback

We realize changes to the software or hardware of the Leap Telecom solution may render this document obsolete. We welcome and encourage documentation feedback to ensure continued applicability.