



Zoom Configuration Guide: SIP Speaker

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CyberData Corporation

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



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Revision Information

- 9-27-19 Initial Release.
- 1-31-20 Updated Device Type Creation.
- 3-11-21 Update for Zoom phone security update.
- 9-21-21 Update for new provisioning process.



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1.0 Setup Diagram







2.0 Test Setup Equipment

This section describes the products used for interoperability testing with Zoom.

Table 2-1: <u>Setup Equipment</u>

EQUIPMENT	MODEL or PART NUMBER	FIRMWARE VERSION
CYBERDATA SIP SPEAKER	011394/011393	12.1.1
CYBERDATA SIP TALKBACK SPEAKER	011398/011397	12.1.1
YEALINK	T58A	58.83.3.6
LINKSYS SWITCH	SRW208MP	



3.0 Before You Start

Network Advisories

Zoom uses a Fully Qualified Domain Name (FQDN) for the SIP server and Outbound Proxy addresses. The CyberData speaker needs to perform a DNS A query to resolve the IP address of Zoom's Outbound Proxy FQDN. It is necessary to ensure the configured DNS server(s) have an A record for the Outbound Proxy address.

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

- TCP 5060-5061, 5091 (SIP)
- UDP 10500 (RTP)

The speaker will need to traverse the public internet in order to operate with Zoom in the cloud.

The speaker's paging extension uses SIP port 5060 to receive SIP messages. The Nightringer extension uses SIP port 5061 to receive SIP messages. Both extensions will send SIP messages to port 5091, the port used by Zoom's Outbound Proxy.

SIP ports 5060-5061 and RTP port 10500 are the default values on all noted firmware levels.

Alternatively, SIP ports for the paging and Nightringer extension 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 speaker's product webpage: SIP Speaker: https://www.cyberdata.net/collections/sip/products/011393-011394

SIP Talkback Speaker: https://www.cyberdata.net/collections/sip/products/011397-011398

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

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



4.0 Configuration Procedure: Intercom/Paging Device

There are several different extension types that can be used on the Zoom platform. This guide provides instructions to register the CyberData Speaker as an Intercom/Paging Device.

As of 9/26/2021 Zoom has released an update that changes how CyberData products register with Zoom as Zoom has moved to an auto provisioning process. This changes the "CyberData" brand of products for Common Area Phones. Products like the SIP Speaker will continue to be manually provisioned, which is a very simple process. Contact your Zoom account manager and request they enable "Other/Generic" common area phone type. This will allow manual configuration of the CyberData device. Please follow the steps below to configure the device.

If you run into issues please contact our support department.

1. Log into Zoom.

https://zoom.us/signin

	Sign In	
Email Address		
Email Address		
Password		Forgot password?
Password		
	eCAPTCHA and the Priva Sign In	cy Policy and Terms of Service
Zoom is protected by mapply.	Sign In	
apply.	Sign In	New to Zoom? Sign Up Free
apply.	Sign In	New to Zoom? Sign Up Free

Figure 4-1: Log into Zoom



2. From the Profile page select the "Phone System Management" section and the 'Users & Rooms' subsection.

AD	MIN
	Dashboard
>	User Management
>	Room Management
~	Phone System Management
	Users & Rooms
	Auto Receptionists
	Call Queues
	Shared Lines
	Phone Numbers
	Phones & Devices
	Monitoring
	Logs
	Company Info
>	Account Management
>	Advanced





3. From the "Users & Rooms" Page navigate to the Common Area Phones tab.

Figure 4-3: Users & Rooms

Users	Zoom R	ooms	Common Area Phones
Plan Detai	ls		
Add	Import	Export	

4. Press the 'Add' Button to create a common area phone to be used by the speaker.

Figure 4-4: Add Common Area Phone

Users	Zoom Rooms	Common Area Phones
Plan Detai	ls	
Add		



5. After clicking the Add button a Pop-up will appear that allows common area phone creation.

Add Common Area	Phone	
Display Name		
Description (Optional)		
Extension Number	845	
Package	Zoom Phone Basic (Migrated) ③ Assign	
Country	Select	~
Time Zone	(GMT-7:00) Pacific Time (US and Canada)	~
MAC Address		
Device Type	Select Brand v	
	Select Model	
		Cancel Save

Figure 4-5: Phone Pop-up

- 6. Set the **Display Name** of the phone.
- 7. Set the **Description** to the location of the speaker.
- 8. Adjust the extension number as necessary.
- 9. Set the MAC address of the device.
- 10. Make sure to select **Other** for the device type.

Note: Adding the MAC Address will switch the device type to "CyberData" make sure the device type is set to "Other".



Figure 4-6: <u>Phone Pop-up – Filled</u>
--

Add Common Area	Phone	
Display Name	CyberData SIP Speaker	
Description (Optional)	Sales Area	
Extension Number	845	
Package	Assign	
	US/CA Unlimited Calling Plan ③ Pro Features · Unlimited Domestic	×
Country	United States (+1)	~
Time Zone	(GMT-7:00) Pacific Time (US and Canada)	•
MAC Address	00:20:f7:04:5d:ce	
Device Type	Other ~	
		Cancel

- **11.** Click the **Save** button to create the Phone.
- **12.** Once created, the browser will redirect to the newly created extension's page.
- **13.** Click on the Provision button at the bottom of the device's page.

Figure 4-7: Provision





Figure 4-8: Provisioning Pop-up

Provisionin	g
MAC Address	00-20-f7-04-5d-ce
Device Type	Other
	nable TLS1.2 for SIP registration and enable SRTP for secure calling on your IP phone. Please refer urer's instructions for these processes.
	information for manual provisioning. For Algo/CyberData Paging/Intercom devices, see <u>Zoom Phone</u> o view the configuration guide.
SIP Account 1:	·
1. SIP Domain: 50	882551.zoom.us
2. Outbound Prox	y: us01sip0h.ny.zoom.us:5091
3. User Name: 315	574978823662024369
4. Authorization I	D: 802331716666
5. Password:	-
Please download Dig they are not in the tr	iCert Global Root CA, DigiCert Global Root G2, DigiCert Global Root G3 and import to your IP phone if ust list of the device.
provisioned in this	that Zoom support team will not be able to troubleshoot or configure IP phones that are s manner. Some Zoom Phone features may not work on manually provisioned phones. It may vary ir desk phone model.
	Close

- **14.** A popup will appear with manual provisioning information to setup the CyberData Speaker. <u>Keep this popup open.</u>
- **15.** Make sure to download all the certificates listed which will be needed for device configuration.



5.0 Configuration Procedure: Setting up the Paging Extension

If you are configuring through the web interface, use the following steps to login to the web interface of your CyberData device.

CyberData Setting	Zoom Provisioning Pop-up
Primary SIP Server	SIP Domain
Outbound Proxy	Outbound Proxy
Outbound Proxy Port	
Primary SIP User ID	User Name
Primary SIP Auth ID	Authorization ID
Primary SIP Auth Password	Password

1. Click **Open Browser** from the CyberData Discovery Utility or point your browser to the CyberData device's IP address to access the Home Page of the web interface.

be IP Endpoint				VoIP Discovery Utility
IP Address	DHCP	MAC Address	Serial Number	Device Name
92.168.1.12	Enabled	00:20:f7:04:5d:ce	398001862	CyberData SIP Speak
92.168.1.9	Enabled	00:20:f7:04:52:22	214200240	Keypad Intercom
92.168.1.11	Enabled	00:20:f7:04:6f:a7	233200185	Paging Adapter

Figure 5-1: CyberData Discovery Utility

2. Enter the default credentials when prompted and click the Log In button.

Username: admin Password: admin



Figure 5-2:	Web Interface Login

Home De	vice Audio	Network SI	P Multicast	SSL	Sensor	Audiofiles	Events	Autoprov	Firmware
	С	yber	Data	SI	P S	pea	ker		
Current Sta	itus	А	dmin Settin	gs		Imp	ort Setti	ngs	
Serial Number: Mac Address: Firmware Version:	398001862 00:20:f7:04:5d:ce v12.1.1	Pa	ername: a ssword:	dmin			se File No file	chosen	
IP Addressing: IP Address: Subnet Mask: Default Gateway: DNS Server 1:	DHCP 192.168.1.12 255.255.255.0 192.168.1.1 192.168.1.1	I	Save Reboot 1	foggle Help			ort Setti	ngs	
DNS Server 1: DNS Server 2:	192.100.1.1								
SIP Mode: Multicast Mode: Event Reporting: Nightringer:	Enabled Disabled Disabled Disabled								
Primary SIP Server Backup Server 1: Backup Server 2: Nightringer Server Monitor SIP Server	Not registered Not registered Not registered								

3. From the Home tab press the 'Device' Tab.



Figure 5-3: Device Tab

Time Settings	
Set Time with NTP server on boot:	
NTP Server:	north-america.pool.ntp.org
Posix Timezone String (see manual):	PST8PDT,M3.2.0/2:00:00,M11.1.0,
Periodically sync time with server:	
Time update period (in hours):	1
Current Time:	10:14:53
Set Time Manually	10:14:53
	Set

- 4. Check the box for "Set Time with NTP Server on Boot".
- 5. Change the **NTP server** if necessary.
- 6. Set the **Posix Timezone String** to the local area.

Note: See the operations manual for other time zone strings.

- 7. Check the box for "Periodically sync time with server".
- **8.** Set the "Time update period (in hours)" to 1.
- 9. <u>Save.</u>
- 10. Go to the SIP Tab.



Figure 5-4: <u>SIP Tab</u>

SIP Settings			Nightringe	er Settings	
Enable SIP operation:	2		Enable Nightring	er:	0
SIP Transport Protocol:	TLS V NTP enabled		SIP Server:		10.0.0.253
TLS Version:	1.2 only (recommended)	~	Remote SIP Port:		5060
Verify Server Certificate:			Local SIP Port:		5061
Register with a SIP Server:			Outbound Proxy:		
Use Cisco SRST:	50882551.zoom.us		Outbound Proxy		0
Primary SIP Server:			User ID:		241
Primary SIP User ID:	31574978823662024369		Authenticate ID:		241
Primary SIP Auth ID:	802331716666		Authenticate Pas	sword.	
Primary SIP Auth Password:				iterval (in seconds):	
Backup SIP Server 1:			ree registration in	in seconda).	
Backup SIP User ID 1:					
			RTP Settin	ngs	
Backup SIP Auth ID 1:			RTP Port (even):	10500	
Backup SIP Auth Password 1:				50	
Backup SIP Server 2:				Enabled ~	
Backup SIP User ID 2:					
Backup SIP Auth ID 2:					
Backup SIP Auth Password 2:			Call Disco	nnection	
Backup SIF Autil Password 2.			Terminate Call af	ter delay: 0	
Remote SIP Port:	5060				
Local SIP Port:	5060		Codec Sel	ection	
Outbound Proxy:	us01sip0h.ny.zoom.us				
Outbound Proxy Port:	5091		Force Selected C Codec:	odec: PCMU (G.711	u loui) as
			Codec:	PGM0 (G.711	, u-law) 🗸
Monitor User ID:					
Monitor Authenticate ID:			Button Se	ttings	
Monitor Authenticate Password:			Dial Out Extensio	n: 204	
			Extension ID:	id204	
Disable rport Discovery:				look of t	
Buffer SIP Calls:					
Re-registration Interval (in seconds):	360				
Unregister on Boot:					
Keep Alive Period:	10000				

- 11. Set the 'SIP Transport Protocol' to TLS.
- 12. Keep TLS version set to "1.2 Only (Recommended)".
- 13. Check the box for "Verify Server Certificate".
- 14. Set the **Primary SIP Server** to the SIP Domain from the configuration Popup.
- 15. Set the **Primary SIP User ID** to the Username from the configuration Popup.
- 16. Set the **Primary SIP Auth ID** to the Authorization ID from the configuration Popup.
- **17.** Set the **Primary SIP Auth Password** to the password provided in the configuration Popup.
- **18.** Set the **Outbound proxy** and **Outbound Proxy port** to the address provided in the configuration Popup.
- 19. Check the box for "Force Selected Codec".
- 20. Set SRTP to Enabled.
- 21. <u>Save.</u>
- 22. Go to the 'SSL' Tab.



Figure 5-5: SSL Tab



23. Press the 'Choose Files' button.



							X
🦁 Open							×
\leftarrow \rightarrow \checkmark \uparrow	« Docur	nents > TLS-Certificates > Zoom	~	U	✓ Search Zoo	om	
Organize • New	v folder					-	?
📌 Quick access		Name		Date mo	odified 1 1:12 PM	Type PEM File	
E. Desktop	*	DigiCertGlobalRootG2.crt.pem			1 1:12 PM	PEINI File	
🖊 Downloads 🔅	*	DigiCertGlobalRootG3.crt.pem			1 1:12 PM	PEIN File	
Documents	*	sbc_ca.pem			1 1:12 PM	PEM File	
Pictures	*			2, 5, 202		Entric	
Tickets	*						
📜 Interop Docu:	*						
Firmware	*						
FTP-Root	*						
length of the second se							
Documents							
🗢 This PC							
🗊 3D Objects							
E Desktop							
Documents							
Downloads							
Music							
Pictures	~ <						>
F	File name:	DigiCertGlobalRootCA.crt.pem		×.	All Files (*.*)		\sim
					Open	Cancel	

Figure 5-6: Choose file Pop-up

24. Select the certificate file and press the Open button.

25. Press the "Import CA Certificate" button to load the cert.



Figure 5-7: Import CA Certificate

Server C	As			
Choose Files	DigiC	cert(GlotCA.cr	t.pem
Import CA Ce	rtificat	te		
Restore Defa	ults	R	emove All	
Toggle Help				

- 26. Repeat this process for all certificates downloaded during the extension creation process.
- **27.** Once the certificates are loaded a reboot will be required to make the changes take effect..
- **28.** Once the certificate is loaded a reboot will be required to make the changes take effect Use the "Apply/Reboot Button.
- **29.** Click Reboot in the Popup.

Figure 5-8: <u>Apply/Reboot Popup</u>

Reboot Device	×
The device must be rebooted before certificate settings can be applied. Reboot now?	
Cancel	



Once rebooted, "Registered" will appear in green in the "Status" section of the Home page.

Figure 5-9: <u>Home page – Registered</u>

Home De	vice Audio	Network	SIP Multicast	SSL	Sensor	Audiofiles	Events	Autoprov	Firmware
	C	ybe	rData	SI	P SI	pea	ker		
Current Sta	itus		Admin Settin	ngs		Imp	ort Settin	ngs	
Serial Number: Mac Address: Firmware Version:	398001862 00:20:f7:04:5d:ce v12.1.1		Username: a Password: Confirm Password:	idmin			ose File No file	chosen	
IP Addressing: IP Address: Subnet Mask:	DHCP 192.168.1.12 255.255.255.0		Save Reboot	Toggle Help	8	Exp	oort Settii	ngs	
Default Gateway: DNS Server 1: DNS Server 2:	192.168.1.1 192.168.1.1					Exp	ort Config		
SIP Mode: Multicast Mode: Event Reporting: Nightringer:	Enabled Disabled Disabled Disabled								
Primary SIP Server Backup Server 1: Backup Server 2: Nightringer Server Monitor SIP Server	Not registered Not registered Not registered								



6.0 Configuration Procedure: Setting up the Nightringer extension

|--|

CyberData Setting	Zoom Provisioning Pop-up
SIP Server	SIP Domain
Outbound Proxy	Outbound Proxy
Outbound Proxy Port	
User ID	User Name
Authenticate ID	Authorization ID
Authenticate Password	Password

1. Click **Open Browser** from the CyberData Discovery Utility or point your browser to the CyberData device's IP address to access the Home Page of the web interface.

De IP Endpoint				VoIP Discovery Utility
IP Address	DHCP	MAC Address	Serial Number	Device Name
92.168.1.12	Enabled	00:20:f7:04:5d:ce	398001862	CyberData SIP Speak
92.168.1.9	Enabled	00:20:f7:04:52:22	214200240	Keypad Intercom
92.168.1.11	Enabled	00:20:f7:04:6f:a7	233200185	Paging Adapter

Figure 6-1: CyberData Discovery Utility

2. Enter the default credentials when prompted and click the Log In button.

Username: admin Password: admin



Figure 6-2:	Web Interface Login

Home De	vice Audio Network	SIP Multicast SSL Sensor Aud	tiofiles Events Autoprov Firmware
	Cybe	rData SIP Sp	eaker
Current Sta	atus	Admin Settings	Import Settings
Serial Number: Mac Address: Firmware Version:	398001862 00:20:f7:04:5d:ce v12.1_1	Username: admin Password: Confirm Password:	Choose File No file chosen
IP Addressing: IP Address: Subnet Mask: Default Gateway:	DHCP 192.168.1.12 255.255.255.0 192.168.1.1	Save Reboot Toggle Help	Export Settings
DNS Server 1: DNS Server 2:	192.168.1.1		Export Config
SIP Mode: Multicast Mode: Event Reporting: Nightringer:	Enabled Disabled Disabled Disabled		
Primary SIP Server Backup Server 1: Backup Server 2: Nightringer Server Monitor SIP Server	Not registered Not registered : Not registered		

3. From the Home tab press the 'Device' Tab.



Figure 6-2: Device Tab

Time Settings	
Set Time with NTP server on boot:	
NTP Server:	north-america.pool.ntp.org
Posix Timezone String (see manual):	PST8PDT,M3.2.0/2:00:00,M11.1.0,
Periodically sync time with server:	
Time update period (in hours):	1
Current Time:	10:14:53
Set Time Manually	10:14:53
	Set

- 4. Check the box for "Set Time with NTP Server on Boot".
- 5. Change the **NTP server** if necessary.
- 6. Set the **Posix Timezone String** to the local area.

Note: See the operations manual for other time zone strings.

- 7. Check the box for "Periodically sync time with server".
- **8.** Set the "Time update period (in hours)" to 1.
- 9. <u>Save.</u>
- 10. Go to the SIP Tab.



Figure 6-3: SIP Tab

SIP Settings			Nightringer	Settings	
Enable SIP operation:			Enable Nightringer:		
SIP Transport Protocol:	TLS V NTP enabled		SIP Server:		50882551.zoom.us
TLS Version:	1.2 only (recommended)	~	Remote SIP Port:		5060
Verify Server Certificate:			Local SIP Port:		5061
Register with a SIP Server: Use Cisco SRST:			Outbound Proxy:		us01sip0h.ny.zoom.us
Primary SIP Server:			Outbound Proxy Po	ort:	5091
Primary SIP User ID:			User ID:		31574978823662024369
Primary SIP Auth ID:			Authenticate ID:		802331716666
Primary SIP Auth Password:			Authenticate Passw	vord:	
rinnary on Padiri doonord.			Re-registration Inte	rval (in seconds):	360
Backup SIP Server 1:					
Backup SIP User ID 1:					
Backup SIP Auth ID 1:			RTP Setting	js	
Backup SIP Auth Password 1:			RTP Port (even): 10	0500	
			Jitter Buffer: 50)	
Backup SIP Server 2:			SRTP: Er	nabled 🗸	
Backup SIP User ID 2:					
Backup SIP Auth ID 2:			Call Discon	nection	
Backup SIP Auth Password 2:					
			Terminate Call after	r delay: 0	
Remote SIP Port:	5060				
Local SIP Port:	5060		Codec Sele	ction	
Outbound Proxy:			Force Selected Cod	lec: 🕅	
Outbound Proxy Port:	0		Codec:	PCMU (G.711	, u-law) 🗸
Monitor User ID:			Dutter Catt		
Monitor Authenticate ID:			Button Sett	ings	
Monitor Authenticate Password:			Dial Out Extension:	204	
Disable rport Discovery:			Extension ID:	id204	
Buffer SIP Calls:					
Re-registration Interval (in seconds	360				
Unregister on Boot:					
Keep Alive Period:	10000				

- 11. Set the 'SIP Transport Protocol' to TLS.
- 12. Keep TLS version set to 1.2 Only (Recommended).
- **13.** Check the box for **Verify Server Certificate**.
- 14. Check the box for Enable Nightringer.
- **15.** Set the **SIP Server** to the SIP Domain from the configuration Popup.
- **16.** Set the **User ID** to the Username from the configuration Popup.
- 17. Set the Authenticate ID to the Authorization ID from the configuration Popup.
- **18.** Set the **Authenticate Password** to the password provided in the configuration Popup.
- **19.** Set the **Outbound proxy** and **Outbound Proxy port** to the address provided in the configuration Popup.
- **20.** Set SRTP to **Enabled**.
- **21.** Save.
- **22.** Go to the '**SSL**' Tab.



Figure 6-4: SSL Tab



23. Press the 'Choose Files' button.



🦁 Open					×
$\leftarrow \rightarrow \checkmark \uparrow$	« Doci	iments > TLS-Certificates > Zoom	~	ບ 🔎 Search	Zoom
Organize 🔹 Ne	ew folder				• • •
 Documents Pictures Tickets Interop Docu Firmware TFTP-Root OneDrive Documents This PC 3D Objects Desktop Documents Jocuments Documents 	* *	Name DigiCertGlobalRootCA.crt.pem DigiCertGlobalRootG3.crt.pem Sbc_ca.pem	2/9 2/9 2/9	te modified 9/2021 1:12 PM 9/2021 1:12 PM 9/2021 1:12 PM 9/2021 1:12 PM	Type PEM File PEM File PEM File
Music Pictures	~ <				>
	File name	e: DigiCertGlobalRootCA.crt.pem		 All Files (*.*) Open 	Cancel

Figure 6-5: Choose file Pop-up

24. Select the certificate file and press the Open button.

25. Press the "Import CA Certificate," button to load the cert.



Figure 6-6: Import CA Certificate

Server CAs				
Choose Files	DigiCertGlotCA.crt.pem			
Import CA Certificate				
Restore Defau	ts Remove All			
Toggle Help				

- 26. Repeat this process for all certificates downloaded during extension creation.
- **27.** Once the certificates are loaded a reboot will be required to make the changes take effect Use the "Apply/Reboot Button.
- **28.** Click Reboot in the Popup.

Figure 6-7: <u>Apply/Reboot Popup</u>

Reboot Device	×
The device must be rebooted before certificate settings can be applied. Reboot now	?
Cancel	t



Once rebooted, "Registered" will appear in green in the "Status" section of the Home page.

Figure 6-8: <u>Home page – Registered</u>

Home	Device	Audio	Network	SIP	Multicast	SSL	Sensor	Audiofiles	Events	Autoprov	Firmware
		С	ybe	erD	ata	SI	P S	pea	ker		
Current S Serial Number: Mac Address: Firmware Version IP Address: Subnet Mask: Default Gatewar DNS Server 1:	398001 00:20:f7 on: v12.1.1 DHCP 192.168 255.255	7:04:5d:ce 3.1.12 5.255.0 3.1.1		Usern Passw	ord:	gs min		Choo Imp Exp	oort Settii Dise File No file ort Config Doort Settii ort Config	chosen	
DNS Server 2: SIP Mode: Multicast Mode Event Reporting Nightringer: Primary SIP Ser Backup Server Backup Server Nightringer Ser Monitor SIP Ser	g: Disable Enabled rver: Not reg 1: Not reg 2: Not reg ver: Registe	d d j istered istered istered ered									



7.0 Using the CyberData Speaker in a Zoom system.

Once the speaker is registered with Zoom, it can be used in several ways. The unit can be directly called by dialing the extension number of the unit. It is also possible to add the unit to a call queue to reach multiple endpoints simultaneously. Keep in mind that with a call queue, multiple devices will ring, but only one device may answer. Due to this operation, it is not possible to page to multiple speakers at once.

To page multiple speakers simultaneously, CyberData recommends using Multicast, which can be sent from most modern SIP phones (e.g. Yealink, Poly, Snom) or a <u>CyberData Paging Server</u> or <u>Multicast Microphone</u>. (Consult your phone's documentation to enable multicast).



7.1 Creating a Call queue

CyberData recommends using the Nightringer extension as part of a call queue, allowing the speaker to also serve as an additional notification for incoming calls.

1. From the Phone System Management page select call queues and press the Add button to create a new queue.

ZOOM SOLUTIONS - PL	ANS & PRICING CONTACT SALES	
Important Update: Zoom will update your ac	count's meeting and webinar password settings on Sept.	29, 2019 GMT (originally p
PERSONAL		
Profile	Call Queues	
Meetings Webinars	Search by Name or Ext.	
Phone)
Recordings	Name ÷	Ext. \$
Settings	Queue	800
ADMIN	Page Size 15 • Total 1	
Dashboard		
> User Management		
Room Management Phone System Management		
Users & Rooms		
Auto Receptionists		
Call Queues		
Phone Numbers Phones & Devices		
Call Log		
Company Info		

Figure 7-1: Add call queue

2. After clicking 'Add' a pop-up will appear that allows naming and assigning a number to the call queue.



Figure 7-2: <u>Name the queue</u>

Call Queues > Add	
Name	
Description (Optional)	
Extension Number	809
Member(s)	Add
Save Cancel	

3. Name the queue, set a description and change the extension number if necessary.

Figure 7-3: Add users

Call Queues > Add	
Name	Sales Line
Description (Optional)	Incoming sales calls
Extension Number	809
Member(s)	Add
Save Cancel	

4. Press the Add button to add Users and Common Area Phones to the queue.



Figure 7-4: Add Users

Users	Common A	Area Phones				Selected	
Search by	y Name or Ext.		Q			Users (3)	
						Cameron	×
🖌 Na	ame	Email		Ext.	User Status	Mauricio	×
🕑 Ca	ameron	1		803	Active	Paul	×
I Ma	auricio			802	Active		
🕑 Pa	ul			800	Active		
Page Size	10 -	Total 3					

- 5. Select the users who will participate in the call group, then select "Common Area Phones."
- 6. In the "Common Area Phones" section, select the phones you wish to add to the queue.



Jsers	Common Area Phones		Selected
Searc	ch by Display Name or Ext. Q	Users (3)	
			Cameron
2	Display Name	Ext.	Mauricio
\supset	Call Button	806	Paul
2	CyberData SIP Speaker	808	Common Area Phones (3)
0	Indoor Intercom	500	CyberData SIP Sp
D	Indoor Keypad Intercom	505	IP66 Horn
2	IP66 Horn	804	Office Ringer
2	Office Ringer	506	
C	SIP Strobe	805	
С	Video Keypad	807	
ige Size	e 10 * Total 8		

Figure 7-5: Add Common Area Phones

- 7. Click "OK" to confirm your selections.
- 8. Finally, press 'Save' to complete the queue.



Call Queues > Add	
Name	Sales Line
Description (Optional)	Incoming sales calls
Extension Number	809
Member(s)	Selected 6 Member(s) Add
Save	

Figure 7-6: Call queue complete



8.0 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 Zoom PBX solution may render this document obsolete. We welcome and encourage documentation feedback to ensure continued applicability.