



VoIP Intercom with Fonality's PBXtra

Quick Setup Guide

CYBERDATA CORPORATION

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1.0 Secure VoIP Extension Credentials

Before You Start

Fonality does not support the installation of third party devices.

However, it is possible to manually register a CyberData device as a VoIP extension on PBXtra using the credentials provided by a softphone license for a VoIP extension.

Purchase a Softphone License

It's important to understand why a softphone license is needed to register your CyberData VoIP Intercom as a VoIP extension on your PBXtra system. Fonality had already provisioned your IP phones to be recognized by your system when you connect them to your network. That way, you could assign an IP phone to an extension using the "Phone/Devices" dropdown menu on the Add Extension configuration page.

A third party device, such as a CyberData device, will not appear in this dropdown menu because Fonality did not provision it beforehand. Adding a softphone license enables the selection of a softphone in lieu of the CyberData VoIP intercom. The softphone's description you see in the "Phone/Devices" dropdown menu will double as the "**SIP User ID**" and "**Authenticate ID**" for CyberData's SIP configuration page in the web UI.

Locate the Authenticate Password

There are two ways to locate the SIP password used for your softphone license. You can SSH into your PBXtra system to retrieve the SIP password for the softphone's VoIP extension. This will be used as the "**Authenticate Password**" for the VoIP Intercom's SIP configuration page in the web UI.

Another option is to contact Fonality's Technical Support to request this information from a technician who can assist you in retrieving it from your PBXtra system. Be advised they will not support your third party device installation.

Information on how to contact Fonality Support is found on their website at this address:

<http://pbxtra.fonality.com/support/support-details.html>

Download the CyberData VoIP Intercom's Operation Guide

The latest CyberData VoIP Intercom operation and Quick Start guides are available here on our website:

<http://www.cyberdata.net/products/voip/digitalanalog/intercom/docs.html>

2.0 Create an Extension

Add Extension

Figure 2-1. PBXtra Add Extension Configuration Page

The screenshot shows the FONALITY PBXtra Add Extension Configuration Page. The page is divided into three main sections: "Add Extension: >> step one <<", "Add Extension: >> step two <<", and "Voicemail Settings".

Step one fields:

- Extension Number: 7022
- Description: [empty]
- First / Last Name: [empty]
- Web Username: [empty]
- Web Password: [empty]
- Employee Email: [empty]
- Instant Messenger: [empty]
- Employee Mobile: [empty]
- Mobile SMS Email: [empty]
- Inbound Phone No.: None
- Outbound Caller-ID: Global Default
- Ring Type: Ringing
- Ring Seconds: 20 seconds
- Phones / Devices: Virtual Extension

Step two fields:

- Call Forwarding: disabled
- Department: -- None --
- Queue Auto-logoff: disabled
- Queue Press-to-accept: yes (radio), no (radio)
- Queue Ignore-if-busy: yes (radio), no (radio)
- Multiple Queue Calls: yes (radio), no (radio)
- Queue Pwd Required: yes (radio), no (radio)
- In Name Directory: yes (radio), no (radio)
- In Company Directory: yes (radio), no (radio)
- In Blast Group: yes (radio), no (radio)
- In HUD: yes (radio), no (radio)
- Private Extension: yes (radio), no (radio)
- Visual-only Extension: yes (radio), no (radio)
- Voicemail Enabled: yes (radio), no (radio)

Voicemail Settings fields:

- Voicemail Box: New Mailbox
- Voicemail Password: [empty] *numbers only
- Voicemail Email: [empty]
- Voicemail Pager Email: [empty]
- Email Attachments: yes (radio), no (radio)
- Delete When Emailed: yes (radio), no (radio)
- Enable CallReturn: yes (radio), no (radio)
- Enable CallOut: yes (radio), no (radio)

An "Add Extension" button is located at the bottom of the page.

1. After logging into your PBXtra system, click on **Extensions** and select **add extension**. The highlighted fields are required to Add Extension.
2. Be sure to select the Softphone from the "**Phones/Devices**" drop down menu to associate the Softphone's SIP credentials to this extension. It will be in the format of "SOFTPHONEXXX", for example "SOFTPHONE003".
3. Click **Add Extension**

3.0 Configure CyberData SIP Parameters

Required Information

These fields are required to successfully register your CyberData VoIP Intercom as a PBXtra VoIP extension:

1. SIP Server = PBXtra's local IP address
2. SIP User ID/Authenticate ID = Softphone device description from "**Phones/Devices**" drop down menu
3. Authenticate Password = Extension Password (may also be your extension number)

Login and Configure

You can follow these steps configure SIP Parameters:

1. Login to the intercom's web interface. Default credentials are admin/admin
2. Click on **SIP Config** on the left side of the screen. See Figure 3-1
3. On the **SIP Config** page, be sure that you have checked the boxes to "**Enable SIP operation**" and "**Register with a SIP Server**"
4. Enter the SIP Server IP address, SIP User ID, Authenticate ID, and Authenticate Password
5. Enter the extension number you wish the intercom to dial into the "**Dial out Extension**" field. You may also wish to add a description that the intercom will use as a caller ID description in the "**Extension ID**" field.
6. After making changes, be sure to click **Save** and **Reboot**.

Figure 3-1. CyberData VoIP Intercom SIP Configuration Page

Cyberdata Intercom

SIP Configuration

Enable SIP operation: (Registered with SIP Server)

SIP Settings

SIP Server:	10.10.1.150
Remote SIP Port:	5060
Local SIP Port:	5060
Outbound Proxy:	
Outbound Proxy Port:	5060
SIP User ID:	SOFTPHONE003
Authenticate ID:	SOFTPHONE003
Authenticate Password:	7022

Register with a SIP Server:

Re-registration Interval (in seconds): 360

Unregister on Reboot:

RTP Settings

RTP Port (even):	10500
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Dial Out Settings

Dial out Extension:	7020
Extension ID:	Outdoor Intercom

* You need to reboot for changes to take effect

Save Reboot

*CyberData VoIP Intercom (part #010935F), firmware version 6.1.0.

4.0 Test Procedure

Make a Test Call

After you have verified the CyberData device is successfully registered, make a test call by pressing the intercom's call button. If audio can be heard at the intercom's speaker and at the IP phone, you have completed this test.

5.0 Contacting VoIP Technical Support

Initiate a Troubleshooting Ticket

For CyberData Technical Support, please fill out a CyberData VoIP Technical Support contact form. You may do so here:

<http://www.cyberdata.net/support/contactsupportvoip.html>

You will receive a confirmation email with your ticket number when you submit the form. Tickets are handled in the order received.