



CyberData WiFi Alert Button Setup Guide

Document Part # 931822C

CyberData Corporation

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- 1-7-21 Initial Release
- 2-25-21 Update to network configuration.
- 3-14-2023 Update to guide name "WiFi Alert Button Setup Guide"
 - o Adding new section: 4.0 Adding a WiFi Alert Button to a WiFi Network
 - Adding new section: <u>5.0 Configuration of WiFi Buttons with a SIP Paging Server</u>



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1.0 Preparing the Environment

The CyberData WiFi Alert Button is used to trigger a message from a SIP Paging Server or InformaCast. When used in an InformaCast environment the button does not register to InformaCast like a typical InformaCast enabled device, but it does interact with the server.

When using the WiFi Alert Button with the CyberData SIP Paging Server, the buttons will need access to the same network segment as the paging server. Depending on network configuration the VoIP Network may need WiFi access for the buttons to communicate with the paging server.

To properly use the buttons in an InformaCast environment, CyberData recommends having already setup the InformaCast Server, Speaker groups, and Service Location Protocol (SLP). The button uses SLP to discover the server which allows for a faster deployment. If using SLP is not possible on the network, the WiFi Button Utility allows the InformaCast Server to be set using the SNMP button.

The WiFi buttons will require the ability to contact the InformaCast server or the SIP Paging Server. As such this will require WiFi Alert Button to have access to the relevant network segment.



2.0 Installing the Tool

This section will walk through the setup of the CyberData Wifi Button Utility. This tool is designed to setup and manage the buttons.

- 1. Download and unzip the CyberData WiFi Button Utility.
- 2. Double click on the wb_installer.exe file to start the installation.
- 3. Once you have the Installer Setup Wizard window, press Next to begin.

Figure 2-1. Installer Setup Welcome

| Wifibutton Utility Installer Setup Setup - Cyberdata Wifibutton Utility Installer | × CyberData The IP Endpoint Company |
|---|--|
| Welcome to the Cyberdata Wifibutton Utility Installer Setup Wizard. | |
| | |
| | |
| | |
| | Next > Quit |



- 4. Confirm the installation location or press the Browse button to select a new install location.
- 5. Press Next to continue.

Figure 2-2. Select Install Location

| 💯 Wifibutton Utility Installer Setup | | \times |
|--|----------------|------------|
| Installation Folder | Cyber | Data |
| | The IP Endpoir | it Company |
| Please specify the directory where Cyberdata Wifibutton Utility Installer will be installed. | | |
| C:\Users\ptuttle\Cyberdata | | Browse |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | < Back Next > | Cancel |
| | Duck Next > | Cancer |



- 6. Check the box for "WiFi Button Utility".
- 7. Press Next to continue.

| Ø | Wifibutton Utility Insta | aller Setup | | × |
|--|--------------------------|-------------|--------------|--|
| Select Components Please select the components you want to install. | | | | CyberData |
| | | | | The IP Endpoint Company |
| | Default | Select All | Deselect All | |
| | VifiButton Utility | | | Cyberdata Wifibutton utility. Used for setting up the WB for network operations. |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | This component will accure approximately 20.09 |
| | | | | MB on your hard disk drive. |
| | | | | |
| | | | | < Back Next > Cancel |

Figure 2-3. Pick Utility to Install



- 8. Read and Agree to the License Agreement.
- 9. Press Next to continue.

Figure 2-4. License Agreement

| 🕶 Wifibutton Utility Installer Setup | | | \times |
|---|--|--|---|
| License Agreement Please read the following license agreement. You must accept the terms contained in this agreement before continuing with the installation. | The IP | ber[| Data Company |
| Software License Agreement | | | ^ |
| 1. This is an agreement between Licensor and Licensee, who is being licensed to use t | the named Soft | ware. | |
| 2. Licensee acknowledges that this is only a limited nonexclusive license. Licensor is ar rights, and interests in the Software. | nd remains the | owner of all title | 25, |
| 3. This License permits Licensee to install the Software on more than one computer system. Licensee will not make copies of the Software or allow copies of the Software to be made by others, unless authorized by this License Agreement. Licensee may make copies of the Software for backup purposes only. | | | |
| 4. This Software is subject to a limited warranty. Licensor warrants to Licensee that the Software is distributed is free from defects in materials and workmanship under norma according to its printed documentation, and to the best of Licensor's knowledge Licens the printed documentation is not an infringement of any third party's intellectual proper for a period of 30 days after delivery. To the extent permitted by law, THE ABOVE-STA ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND LICENSOR DISCLAIMS ALL IMI IMPLIED WARRANTY OF TITLE, MERCHANTABILITY, NONINFRINGEMENT, OR OF FIT No agent of Licensor is authorized to make any other warranties or to modify this limit this limited warranty must be commenced within one year of the expiration of the war not allow any limit on the length of an implied warranty, the above limitation may not not allow disclaimer of implied warranties. Then any implied warranty is limited to 30 d | ne physical med al use, the Softv see's use of this erty rights. This ATED LIMITED ' IPLIED WARRAN TNESS FOR A PA ted warranty. A ted warranty. A rranty. Because apply to this Lit tavs after delive | ium on which th ware will perform s Software accorr limited warrant WARRANTY REP ITIES INCLUDIN NRTICULAR PURI ny action for bre some jurisdictio censee. If the la | is n ding to y lasts PLACES G ANY POSE. each of ns do w does are to |
| ● I accept the license. | | | |
| ○ I do not accept the license. | | | |
| | < Back | Next > | Cancel |



10. Set the start menu shortcut location.

11. Press next to continue.

Figure 2-5. Start Menu Shortcuts

| 🕶 Wifibutton Utility Installer Setup | X |
|--|--------------------------------------|
| Start Menu shortcuts Select the Start Menu in which you would like to create the program's shortcuts. You can also enter a name to create a new directory. | CyberData The IP Endpoint Company |
| Cyberdata | |
| Accessibility | ^ |
| Accessories | |
| Administrative Tools | |
| Brave Apps | |
| Cisco Webex Meetings Desktop App | |
| Discord Inc | |
| GoToMyPC | |
| Kayako Desktop | |
| Maintenance | |
| MeetingManager | |
| Microsoft Corporation | |
| RingCentral | |
| RingCentral Meetings | |
| Slack Technologies Inc | |
| Startup | |
| System Tools | ~ |
| | |
| | < Back Next > Cancel |



12. The utility is ready to be installed, press the Install button to begin installation.

Figure 2-6. Ready to Install

| 🖾 Wifibutton Utility Installer Setup | × |
|---|---|
| Ready to Install | CyberData |
| | The IP Endpoint Company |
| Setup is now ready to begin installing Cyberdata Wifibutton Utility Installer on your of space. | omputer. Installation will use 20.98 MB of disk |
| | < Back Install Cancel |

13. Once the install is complete, press the Finish button.

Figure 2-7. Installation Complete





2.1 Installing the FTDI driver

One of the chips used by the WiFi Alert Button requires a special driver so the host PC can interact with the button correctly. Please follow these steps to install the driver.

- 1. Run the included CDM21228_Setup.exe executable file to install the driver.
- 2. Press Extract to unpack the installer.



Figure 2-8. Extract the driver installer

3. Press **Next** to begin the installation process.

Figure 2-9. Installation Wizard





- 4. Read the license agreement.
- 5. Check I accept this agreement.
- 6. Press Next to begin installation

Figure 2-10. License Agreement

| S | T | | | and the second se |
|----------|--|---|--|---|
| | agreement, use the scroll bar | wing license and or press the P | greement. To read age Down key. | the entire |
| | IMPORTANT NOTICE: PLE, INSTALLING THE RELEVAL This licence agreement (Lice (Licensee or you) and Future of 2 Seaward Place, Centurio Scotland (UK Company Num driver software provided by th | ASE READ C/ NT SOFTWAF ince) is a legal Technology I on Business Pa ber SC136640 ne Licensor(So | AREFULLY BEFOF RE: agreement betwee Devices Internation ark, Glasgow G41)) (Licensor or we) f oftware). | RE A en you lal Limited 1HH, for use of |
| | BY INSTALLING OR USING | THIS SOFTV | VARE YOU AGRE | E TO THE V |
| | I accept this agreement I don't accept this agreem | ent | Save As | Print |

7. Press **Finish** to complete the installation.



The utility and drivers are installed on the host PC. The WiFi buttons can now be connected and configured for the environment.



3.0 Using the Tool

This section will detail using the tool and the various button functions.

| œ WiFi Alert Butto | on Utility, version v | /2.4.0 | | _ | |
|--------------------|-----------------------|-----------------|-----------------|------------|------------|
| CyberD | ata | WiFi A | Alert B | utton | Utility |
| MAC Address | Serial Number | Device Name | Battery SoC (%) | RSSI (dBm) | Connection |
| | | | | | |
| | | Configure Disco | MP Quit | | |

Figure 3-1. WiFi Alert Button Utility

The tool shows all relevant information to finding and setting up buttons on the network.

MAC Address Serial Number Device Name Battery Soc (%) RSSI (dBm) Connection (WiFi or USB)



3.1 Button Explanations

The Utility has several functional buttons that can be interacted with; Configure, Discover, Buzzer/LED, Log, SNMP, and Quit.

Discover will scan the network and report back any discovered CyberData WiFi Buttons.

| • WiFi Alert Button Utility, version v2.4.0 | | | | | – 0 × |
|---|---------------|-----------------|-----------------|------------------|------------|
| CyberData | | | M | liEi Alart Butta | n Utility |
| The IP Endpoint Company | | | v | | n ouncy |
| MAC Address | Serial Number | Device Name | Battery SoC (%) | RSSI (dBm) | Connection |
| 00:20:f7:04:86:2f | 527000106 | WiFi Button | 100 | -55 | WiFi |
| 00:20:f7:04:86:30 | 527000107 | WiFi Button | 100 | -61 | WiFi |
| 00:20:f7:04:86:2e | 527000105 | WiFi Button 105 | 99 | -50 | WiFi |
| 00:20:f7:04:61:d1 | 480000104 | WiFi Button | 100 | -47 | WiFi |
| 00:20:f7:04:86:32 | 527000109 | WiFi Button | 99 | -59 | WiFi |
| 00:20:f7:04:86:2c | 527000103 | WiFi Button 103 | 99 | -52 | WiFi |
| 00:20:f7:04:86:2d | 527000104 | WiFi Button 104 | 100 | -48 | WiFi |
| 00:20:f7:04:86:2b | 527000102 | WiFi Button | 99 | -51 | WiFi |
| | | | | | |
| | | Configure Dise | over Buzzer/LED | | |
| | | Log St | IMP Quit | | |

Figure 3-2. Devices discovered on the network



3.3.1 Edit Button Configuration

Edit will allow a user to change several settings relating to the button including network connection, Firmware, and the boot partition. These settings include IP Source (DHCP or Static), NTP Server, Timezone, SSID, and PSK (WiFi Password).

| Device Configur | ation | | | | | |
|----------------------|--------------------|-------|-----------------|---------------------|-------------------|--|
| | | | | | | |
| Device Configuration | | | | | | |
| Serial Number 52 | 27000109 | | MAC A | ddress | 00:20:f7:04:86:32 | |
| | | | | | | |
| Device Name | WiFi Button | | FW Version | v2.4.0 | | |
| IP Assignment | DHCP | | Time Zone | Americ | a/Los_Angeles 🔹 | |
| | ○ Static | | SSID | cd_pro | d24 | |
| IP Address | 10.10.1.98 | | PSK | | | |
| Subnet Mask | 255.0.0.0 | | Battery SoC | 99 | | |
| Default Gateway | / 10.0.0.1 | | Power Source | Line | | |
| DNS Server | r 10.0.1.56 | | Logging Host IP | 239.255.255.255 | | |
| NTP Server | r pool.ntp.org | | Last Boot Time | 2021.01.06 15:22:07 | | |
| r | | | | | | |
| | AP Scan | - | SSID | | RSSI | |
| | FW Update | | | | | |
| | Set Boot Partition | | | | | |
| | Reset to Factory | | | | | |
| | Restart | | | | | |
| | | | | | | |
| | | | | | | |
| | | AP sc | an idle | | | |
| | | | | | | |
| | | | | | | |
| | | | | Commit | Cancel | |

Figure 3-3. Edit Settings

This window also features an AP Scan or Access Point Scan feature to find and detect access points that the button can connect to. Pressing AP Scan will have the tool scan the local network to detect access points.



3.3.2. SNMP Servers

SNMP allows the selection of the InformaCast server the button will interact with. This page allows the manual configuration of the InformaCast server if SLP is not enabled. Pressing Add will create a pop-up window that allows entry of the InformaCast servers IP Address.

Note: The InformaCast Server's IP Address must be reachable by the Access Point that the button is connected to.

| œ, snm | P Servers | | \times | | | |
|--|------------|--------|----------|--|--|--|
| SNMP Servers Serial Number 527000109 MAC Address 00:20:f7:04:86:32 | | | | | | |
| | 10.0.1.195 | | | | | |
| | Remove | Commit | Add | | | |

Figure 3-4. <u>SNMP</u>



3.3.3 Buzzer and LED Behavior

The Buzzer/LED button allows the adjustment of the buzzer and the LED on the button itself. There are adjustments for both the LED and Buzzer for both power options, line power connected to AC power adapter or on Battery power.

| œ. Buzzer/LED Behav | ior | | | × |
|----------------------|-----------------------|----------------|--------------------|---------------|
| | B | Buzzer/LED Pat | terns | |
| Serial Number 527000 | 109 | | MAC Address 00:2 | 0:f7:04:86:32 |
| Line | volume | Buzzer | intensity | LED |
| Power | volume | | incensity | |
| | pattern | SOLID OFF 👻 | pattern | SOLID ON 👻 |
| Battery | volume | | intensity | |
| Power | pattern | SOLID OFF 🔹 | pattern | BLIP SLOW 👻 |
| | | Button Durati | ons | |
| | Button Press Duration | ms | Button ACK Timeout | seconds |
| | 0 | 2 | | |
| | | | | Save Cancel |

Figure 3-5. <u>Buzzer/LED</u>



Table 3-1. <u>Buzzer/LED pattern explanations</u>

| Buzzer | | LED | | |
|-------------|--------------|-------------|---------------------|--|
| Solid Off | Buzzer Off | Solid Off | LED Off | |
| Solid On | Buzzer On | Solid On | LED On | |
| Flash Slow | Buzz slowly | Flash Slow | LED Flash slowly | |
| Flash Rapid | Buzz quickly | Flash Rapid | LED Flash rapidly | |
| Blip Slow | Short buzzes | Blip Slow | LED Blink slowly | |
| Fade | Buzz | Fade | LED Fade in and out | |

Button Press Duration controls how long the button should be pressed before it takes an action. This is also known as a 'debounce timer'.

Button ACT Timeout controls how long the button will blink and/or buzz after it has been pressed.



3.3.4 System Event Log

Log button allows the gathering and viewing of logs from a button. The logs for all buttons are logged per button. The logs can be viewed directly through the WiFi Button utility or can be saved to the PC running the utility.

Set log verbosity changes the verbosity or the amount of information printed in the logs. It is normal for this to be left at the default verbosity of 5.

| 💁 Log Messages | | × |
|---|-------------------------|---|
| System Even | t Log | |
| MAC Address 00:20:f7:04:86:32 | Serial Number 527000109 | |
| Get Log Clear Log Save to File | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Set log verbosity 5 🗘 Save Undo | Exit | |
| Note: verbosity changes will be reflected in newly-generate | d logs | |

Figure 3-6. Log button



4.0 Adding a WiFi Alert Button to a WiFi Network

This section outlines the process of adding a WiFi alert button to a specific WiFi Network. This process is shared for use with both the SIP Paging Server and in InformaCast Environments.

- 1. Start the WiFi Button Utility
- 2. Remove the back cover to the WiFi button by removing the small screw at the bottom of the enclosure.
- **3.** Take the included shunt and attach it to both posts for the Battery. This should be labeled BAT on the circuit board.



Figure 4-1: <u>Attach Battery Shunt</u>

- **4.** Insert the included Micro USB cable into the Micro USB Port, this should be labeled J1 on the circuit board.
- **5.** Connect the other end of the USB cable to the Windows based PC running the WiFi Button utility.

Note: The button's led around the button should light up blue and begin blinking.

6. If the button has not appeared in the list on the utility, press the Discover button. The button should appear shortly after pressing Discover.



Figure 4-2: Button in WiFi Button Utility

| œ WiFi Alert Butto | n Utility, version v2 | 4.0 | | _ | |
|--------------------------------|-----------------------|-----------------|-----------------|------------|------------|
| CyberDa The IP Endpoint Cor | npany | WiFi | Alert I | Button | Utility |
| MAC Address | Serial Number | Device Name | Battery SoC (%) | RSSI (dBm) | Connection |
| 20:f7:04:6e:f5 | 480000105 | WiFi Button | 99 | N/A | COM7 |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | Configure Disco | over Buzzer/LED | | |
| | | Log SNN | 4P Quit | | |

- 7. If multiple buttons are shown confirm the serial number of the unit, then select it out of the list and press **Configure.**
- **8.** In the device configuration pop-up change all necessary settings, such as network (Static vs DHCP), NTP, and Time zone.
- **9.** Next press **AP Scan** to discover all local Access Points and select the desired SSID from the list. The SSID can also be manually entered.
- 10. Set the PSK or password for the SSID.



| Device Configur | ation | | | | | | × |
|----------------------|--------------|--------|---------------|---------------|---------------------|----------------|-----|
| Device Configuration | | | | | | | |
| Serial Number | 80000105 | | М | AC A | ddress 00: | 20:f7:04:6e:f5 | |
| Device Name | WiFi Button | | FW Ver | sion | v2.4.0 | | |
| IP Assignment | DH | Time Z | Zone | America/Lo | os_Angeles | • | |
| | () Sta | | 5 | SSID | cd_prod24 | | |
| IP Address | 10.10.10.10 | | | PSK | ••••• | , | |
| Subnet Mask | 255.0.0.0 | | Battery | attery SoC 99 | | | |
| Default Gateway | 10.0.0.1 | | Power So | urce | e Line | | |
| DNS Server | 8.8.8.8 | | Logging Hos | st IP | 239.255.255.255 | | |
| NTP Server | pool.ntp.org | | Last Boot T | ime | 2023.03.04 13:59:10 | | |
| | | 4 | AP Scan | | SSID | RSSI | |
| | | Set B | oot Partition | Spe | ectrumSe | -45 | |
| | | Rese | t to Factory | My | Spectru | -56 | |
| | | | Restart | ATI | abUIWQs | -63 | |
| | | | | лт | 2021220 | 61 | • |
| | | | | AP s | can idle. | | |
| | | | | | Co | ommit Can | cel |

Figure 4-3: Device Configuration Pop-up

- **11.** Press the **Commit** button to push the changes to the button.
- 12. In the subsequent pop-up press Save to confirm.
- **13.** A final pop-up should appear stating the button has received the configuration and is rebooting.

Figure 4-4: <u>Setup Successful</u>

| CD _o | Setup Successful | \times |
|-----------------|--|------------|
| | The WiFi Button was successfully configured. T now restarting. | he unit is |
| | | ОК |

After the quick reboot process the button's LED should illuminate and stay solid. This means the unit is on the Wifi network and is ready to be installed in it's final location.

For setup with a SIP Paging Server please proceed to the next section. If using the button with InformaCast please proceed to section <u>6.0 Setting up SNMP on InformaCast</u>.



5.0 Configuration of WiFi buttons with a SIP Paging Server

Support for CyberData's WiFi Alert Buttons is a new feature added with SIP Paging Server v20.1.0. This version of firmware is a free upgrade but is only valid for SIP Paging Server (011146) with serial numbers of 1462xxxxx.

- 1. Navigate to the web interface of the SIP Paging Server and proceed to the WiFi-Buttons tab.
- 2. Assuming the SIP Paging Server and WiFi Alert buttons are on the same network segment upon loading the page all WiFi buttons should be shown in the drop down menu. If the buttons do not appear, simply press the **Discover** button.



Figure 5-1: <u>WiFi-Buttons Tab</u>

3. Press the **View/Config** button to view and adjust the actions taken when a particular button is pressed.

When the button is pressed it can, send a stored message to a specific page group and have the paging server generate a call to a specific extension number. The heartbeat timeout can also be adjusted to send a notification of a button going offline. Finally the buzzer volume, pattern, and LED Brightness can be adjusted.



| Button Settings | | | | | | |
|---|--|----------------------------------|--------------------------------|------------------|----------------|--|
| Serial Number: | 4800001 | 105 | | | Save | |
| MAC Address: | 00:20:f7 | :04:6e:f5 | | | | |
| Firmware Version: | v2.4.0 | | | | Get Log | |
| Battery SoC | 100% | | | | Clear Log | |
| Power Source | Line | | | | Restart Button | |
| Addressing Mode | Static | DHCP | | | Cancel | |
| IP Address: | 192.168 | .1.18 | | | | |
| Subnet Mask: | 255.255 | .255.0 | | | loggle Help | |
| Default Gateway: | 192.168 | .1.1 | | | | |
| DNS Server: | 192.168 | .1.1 | | | | |
| SSID: | SoFlyFo | rAWiFi | | | | |
| NTP Server: | pool.ntp | .org | | | | |
| Time Zone: | PST+8P | DT,M3.2.0,M1 | | | | |
| Device Name: | WiFi But | ton | | | | |
| Logging IP Address | 239.255 | .255.255 | | | | |
| Button Press Durati Button press PGRO | Button Press Duration (ms): 100 Button press PGROUP: Choose a PGROUP | | | | | |
| Button press MSG: | | Choose a MS | G | ~ | | |
| Times to play MSG: | | 1 | | { | | |
| Button press Ext: | | | |] | | |
| Heartbeat timeout (s Heartbeat timeout P Heartbeat timeout M Times to play MSG: Heartbeat timeout E | seconds): GROUP: ISG: xt: | Choose a PG Choose a MS 1 | ROUP V G |] ~ ~] | | |
| Buzzer Volume (Line Buzzer Pattern (Line Buzzer Volume (Batt Buzzer Pattern (Batt | e 0-10): e): t 0-10): :): | 4 Solid Off 4 Solid Off | . |] | | |
| LED Brightness (Lin LED Pattern (Line): LED Brightness (Ba LED Pattern (Batt): | ue 0-10): tt 0-10): | 9 Solid On 9 Blip Slow | |] | | |



6.0 Setting up SNMP on InformaCast

To use the buttons with InformaCast, an SNMP trap must be set up on the server. This allows the buttons to communicate with the server when they are pressed. This utilizes the M2M (Machine to Machine) plugin on InformaCast.

Note: It is recommended to have already set up IP Speaker groups to receive the messages triggered by the buttons.

Note: Since the M2M Contact Closures require the IP Address of the button to function as expected it is recommended to set up the button with either a Static IP Address or a DHCP Address reservation.

6.1 Creating the M2M relay

1. Navigate to the InformaCast server and log into InformaCast.

Figure 6-1. InformaCast Login Page

| singlewire InformaCast | |
|---------------------------|--|
| Username I Password | |
| SIGN IN | |

2. Go to the Event Sources in the Broadcast Triggers section.



Figure 6-2: Navigation Page



3. On the Event Sources page click on M2M Contact Closures.

Figure 6-3: Event Sources

| Event Sources | | | Ø |
|--|---|--|---|
| Califure Dexics and optionally recipies monitored numbers (primarily \$11 calit) and higgers a predictate | DiaCese Configure the message to send in a DialCest and the incident group to receive it based on a number that is based | Infound CAP Foil visional CAP fields from public safety organizations and match the CAP exercises from these leaders with messager rules. These rules offer the types of messagers you vant to indicaticant to informaCast noticents. | leboust Email Sand a broadcaar when an email is received by a montored email account. |
| Indown IRSS Worker RSS levels and trapper brokskasts containing RSS feed test whenever new information becomes available. | MXM Contact Clearers Tragain InformaCast broadcasts when contact clearers are activated, and activate contact clusters when traindcasts are serie. <i>Econome for 80000 NZM Contact Clearers</i> | Night Boll Night Boll Monta-specific directory numbers and Yigger a repeating broadcast until the call is answered or diropped. | Park and Page Park incoming calls and send broadcasts to announce then annial to interested parties Loonsed for 0 floor ond Page Triggers |
| Ouk/SPage Assistant Pre-onfigure message components and recipionts as an XML service, and initiate broefficiels by claims a phone number | | | |



4. On the M2M Contact Closure page press Create.

| Figure 6-4: <u>M2M Relay Contact Closure</u> |
|--|
|--|

| M2M Contact Closures Licensed for 50000 M2M Contact Closures | | | | | |
|--|---------------------------------------|------------|-------------------|-----------------|-------|
| < Event Sources | | | | | |
| ÷ Q | | | | CF | REATE |
| Name | Description | IP Address | Input Ports | Output Ports | |
| Cameron PC | Cameron's PC Simulating a WiFi Button | 10.0.1.2 | 1 | 0 | : |
| qa102 | One of Denise's WiFi Buttons | 10.10.1.73 | 1 | 0 | : |
| | | | Rows per page: 10 | ▼ 1-2 of 2 < < | > > |

5. Set the Name, Description, IP Address (of the button) and SNMP Community Name. Press Save to create the contact closure.

Note: Since the M2M Contact Closures require the IP Address of the button to function as expected it is recommended to set up the button with either a Static IP Address or a DHCP Address reservation.

| Create Contact Closure | | 0 |
|--|-------|---------|
| < Event Sources < M2M Contact Closures | | |
| General Details | | ^ |
| Name * | | |
| Panic Button - John's Office | | |
| Description * | | |
| Panic Button in John's Office | | |
| IP Address * | | |
| 10.1.2.3 | | |
| SNMP Community Name * | | |
| Panic Buttons | | |
| | CANCI | EL SAVE |
| Input Ports | | |
| Output Ports | | |

Figure 6-5: Create Contact Closure



6. Press **Create** to make an Input Port for the SNMP messages from the button.

| Edit Contact Closure | | | | 0 |
|--------------------------------------|--------|---------|---------|-----------------|
| Event Sources < M2M Contact Closures | | | | |
| General Details | | | | |
| lama* | | | | |
| Paric Button - John's Office | | | | |
| Description * | | | | |
| Paric Button in John's Office | | | | |
| P Adciesa * | | | | |
| 10 1 2 3 | | | | |
| SNIP Community Name* | | | | |
| Paric Buttons | | | | |
| | | | | |
| | | | | Connect Connect |
| nput Ports | | | | ~ |
| | | | | |
| ≂ α, | | | | CREATE |
| | 5.81.8 | | Message | |
| 114 | | | | |
| | | No Data | | |

Figure 6-6: Edit Contact Closure.

7. Set the Name, Port Identifier (OID), Port Switch, Message, and Recipient Groups.

Note: The CyberData OID is 1.3.6.1.4.1.45953.1.1.2.1.2.201

| Figure 6- | 7: <u>C</u> | reate | Input | Port |
|------------------|-------------|-------|-------|------|
| 0 | | | | |

| Create Input Port | | | 0 |
|---|---------------|---|-----|
| Event Sources < M2M Contact Class | tes | | |
| Seneral Details | | | |
| kama * | | | |
| John's Panic button | | | |
| Set Current Monitoring Status Set Schedule to "Always On" | s to Active | | |
| Ichedule * | | | |
| | | | |
| Annelecturer MIB fort deathfar (OID) 1 1.3.6.1.4.1.45963.1.1.2.1.2.201 | OID REFERENCE | | |
| Annufacturer MIB fort dect/Eer (GID) * 1.3.6.1.4.1.45963.1.1.2.1.2.201 fort Sector On/Off (OID value) * | OID REFERENCE | | |
| Annufacturer MIB fort identifier (0ID) * 1.3.6.1.4.1.45963.1.1.2.1.2.201 fort Switch On Off (OID value) * 1 | OID REFERENCE | | |
| Annufacturer MIB Port identifier (OID)* 1.3.6.14.1.45963.1.1.2.12.201 fort Switch On/Off (OID value)* 1 fessage * | OID REFERENCE | | |
| Annufacturer MIB but identifier (OID) * 1.3.6.14.1.45963.1.12.12.201 but Switzh On/OF (OID value) * 1 Iessage * Example Paric Button Message | OID REFERENCE | | |
| Annolecture VIIB Text Identifier (OID)* 1.3.8.14.8.145653.1.12.12.201 Opti Sentin Oncolf (OD value)* 1 Annote Control (OD value)* 1 Example Paint Dutton Message Necipiert Genome * | OID REFERENCE | • | |
| Manufacturer MIB Port Identian (010)* 1.3.6.1.4.1.45653.1.12.12.201 Port Seator Co10* (100 value)* 3 Researce * Example Pains Button Message Necesart Groups * (M Respense X | OID REFERENCE | • | × • |

The WiFi button is now ready to be used. CyberData recommends testing the button to ensure that the message is set correctly and plays to the correct group.



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