

TCIS or TCIV Intercom Mobile App Guide

Accessing the Web Interface of a Zenitel TCIS or TCIV

To access the station's web interface over Wi-Fi, your computer must be connected to the same network as the station and configured within the same subnet.

1. If the equipment was ordered without specifying use on a DHCP-enabled network, it is likely configured with a static IP address by default. In this case, the controller is set to **169.254.1.100**. To access and update the settings, connect both your computer and the intercom to the same PoE switch. From your computer, log in to the station using the following credentials:
 - a. Username: **admin**
 - b. Password: **alphaadmin**
2. Once logged in, navigate to **Main > Main Settings**. Under **IP Settings**, select the **DHCP** option, then click **Save** to apply the changes.
3. Ensure the TCIS or TCIV intercom is connected to your WiFi network (via Ethernet directly to a router or POE switch). **The intercom must be plugged into something that provides Power over Ethernet (POE)**.
4. Connect your computer to the same network using Wi-Fi.
5. Discover the assigned TCIS or TCIV IP address from your Wi-Fi router admin panel or network scan tool.

Programming the TCIS or TCIV Intercom

1. Once you know the IP address assigned to the TCIS or TCIV intercom then you need to log in to it using that IP address and the username "admin" and the password "alphaadmin".
2. Click the Advanced Configuration button in the upper right corner of the Admin page.
3. Select **Edge Controller > System Configuration > Directory**
4. The Bria App will be added under the **Manually Added Devices** as a **3rd party SIP Terminal**. In the example below it has a Number of 301 and a Name of Scale House 1.
5. Add other devices as needed. Additional TCIS or TCIV devices are **Zenitel Devices**. All phones are **3rd party SIP Terminals**.

The screenshot shows the 'Directory' configuration page in the Zenitel web interface. The navigation menu at the top includes 'Main', 'Edge Configuration', 'Station Administration', 'Edge Controller', and 'Advanced Network'. The 'Advanced Configuration' checkbox is checked. The left sidebar shows a tree view with 'System Configuration' expanded to 'Directory'. The main content area is titled 'Directory' and contains three sections:

- Auto Discovered Devices:** A table with columns: Number, Name, SIP Password, Profile, DHCP / Static IP, Read IP Address, Play Tone. It shows one device: Number 300, Name Scale 1, Profile Operator, DHCP / Static IP checked, Read IP Address checked, Play Tone icon. Below the table, it says 'Total 1 devices discovered in the system.' and a 'REFRESH' button.
- Manually Added Devices:** A table with columns: Number, Name, SIP Password, Profile, Type. It shows six devices:

Number	Name	SIP Password	Profile	Type
301	Scale House 1		Operator	3rd party SIP Terminal
302	Scale 2		Operator	Zenitel Device
303	Scale House 2		Operator	3rd party SIP Terminal
304	Scale 3		Operator	Zenitel Device
305	Scale House 3		Operator	3rd party SIP Terminal
306	Scale 4		Operator	Zenitel Device

Below the table, it says 'Total 6 devices manually added to the system.' and a '+' button.
- Linked Edge Controllers:** A table with columns: Number Start, Number Stop, Name, Profile, Host, Port. It shows 'Total 0 linked Edge Controllers.' and a '+' button.

A 'SAVE' button is located at the bottom center of the page.

To make the Bria App and other phones ring when the button on the TCIV or TCIS is pressed, they need to be added to a Ringlist.

The screenshot shows the 'Direct Access Keys' configuration page. On the left is a navigation menu with 'System Configuration' expanded to show 'Direct Access Keys'. The main area is titled 'Direct Access Keys' and contains three columns for 'Ringlist 1', 'Ringlist 2', and 'Ringlist 3'. Each ringlist has a list of phone numbers with checkboxes. Ringlist 1 has 301, 303, 305, and 307 checked. Below the ringlists is a 'SAVE' button. The 'Buttons and Inputs' section shows a table for device 300 with columns for 'Number', 'Name', and 'Buttons and Inputs'. It lists 'Button 1' and 'Input 1' with their respective settings for idle, call, and hold actions, and ringlist associations.

1. Go to **Edge Controller > System Configuration > Direct Access Keys**
2. Enter the phone numbers to be called in the Ringlists under Ringlist 1 when the button is pressed, or when Input 1 is triggered (ie. Optical sensor) then click the SAVE button.
3. Click on **Show/Hide Settings** to expand Button Settings. Make sure Button 1 is set to call Ringlist 1. If you want the button on the outside intercom to be able to hang up a call, set **Call:** to **End Call On Key Press** as shown.
4. Also make sure Input 1 is set to Ringlist 1 so if you connect a sensor it will place a call when triggered.

Installing the Required SIP License

A SIP License is required to use any 3rd Party non-Zenitel devices or software. You will have a 60-day grace period to obtain this license so you can use the devices until then.

1. Obtain the license key and save it to a USB thumb-drive so you can cut-and-paste it into the appropriate field.
2. Use a Firefox or Microsoft Edge browser to log in to the Edge Controller, DN number 300.
3. Click Login and enter the default User name: **admin**

4. Enter the default Password: **alphaadmin**
5. Select **Edge Controller > Licensing**
6. In the **New License** field paste in the license code, then **Activate License**. You will receive an activation code as well, however you do not need to do anything with it.

DO NOT attempt to manually enter the license key. It is simply too long to get it correct. Use Cut and Paste and make sure there are no spaces before or after the license code.

The screenshot shows the 'Licensing (Key Version 5)' page in the Edge Controller interface. The left sidebar has 'Licensing' selected. The main content area shows a table with the following data:

License type	Number of Licenses	Currently Used	Available
Intercom Extensions	0	0	0
SIP-Client Extensions	4	0	4
TelTrunk	0	0	0

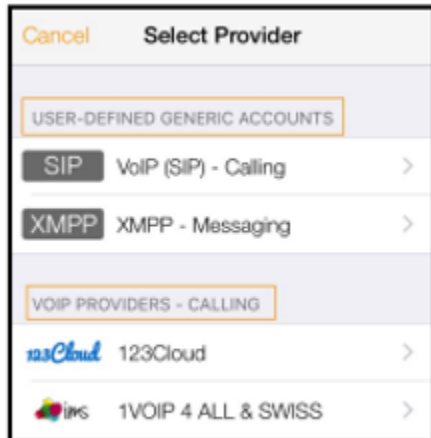
Below the table, the 'License Key Version' is 'Version 5'. Under the 'License Key' section, the 'License' value is 'DFkvHSX6k3kYFA3hwXV85pJ9qj3mq4R@yF@R'. The 'New License' field contains the placeholder text 'Enter license key'. An 'ACTIVATE LICENSE' button is located at the bottom of the page.

Figure 1: License for 4 SIP devices installed

Setting up the Bria Mobile App

Bria Mobile by CounterPath is the app used to make mobile calls to our noise cancelling intercoms. You can find out more info about it here: <https://www.counterpath.com/bria-mobile/>

1. Download the app to your phone. Just search for Bria Mobile on whatever app platform your phone uses.
2. Open the app and go to Settings and then click on Accounts. Click on SIP as shown:



3. Change the “Account Name” to the same thing as the account name in the Zenitel TCIS or TCIV intercom.
4. Change the “Display as” to the same name you assigned in the Turbine programming.
5. “Username” is the DN (telephone number) you assigned in the TCIS or TCIV programming
6. “Password” is the same as the DN.
7. “Domain” is the IP address of the TCIS or TCIV Edge Controller.
8. After changes are made, click the “Enabled” slider button.
9. You should not be able to call the TCIS or TCIV intercom from Bria and vice versa.

