

# Configure 2N Access/Control Hardware

EvTrack is a software Eco-system designed for visitor management and physical access control and supports 2N Access Control and Intercoms.

## Tested Configurations

Device	Required License	RFID	PIN	Call Main Button 1	Access Time Profile	Validity
2N Access Unit 2.0	-	Yes	Yes	-	TBA	Yes
2N Verso 1 Button with Keypad and RFID	2N Enhanced Integration (Part No. 9137907)	Yes	Yes	Yes	TBA	Yes

## Instructions

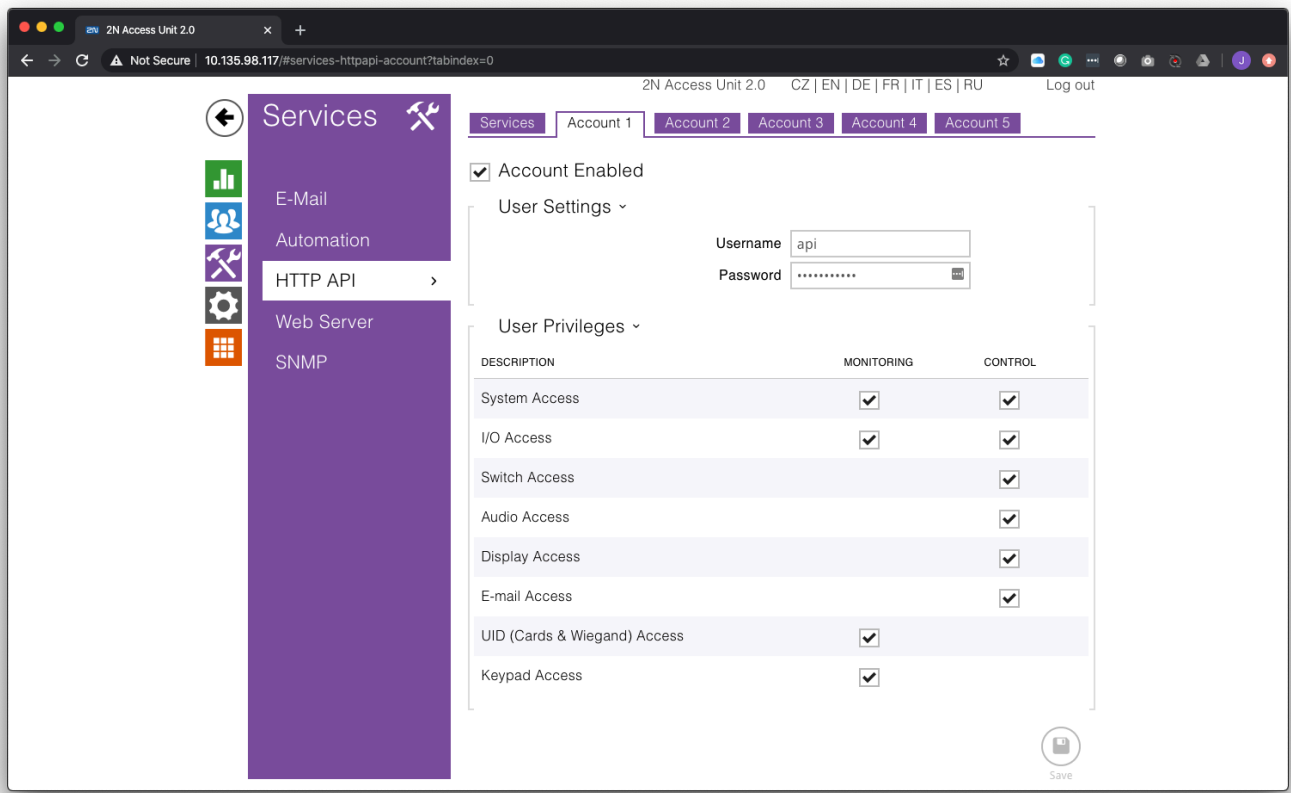
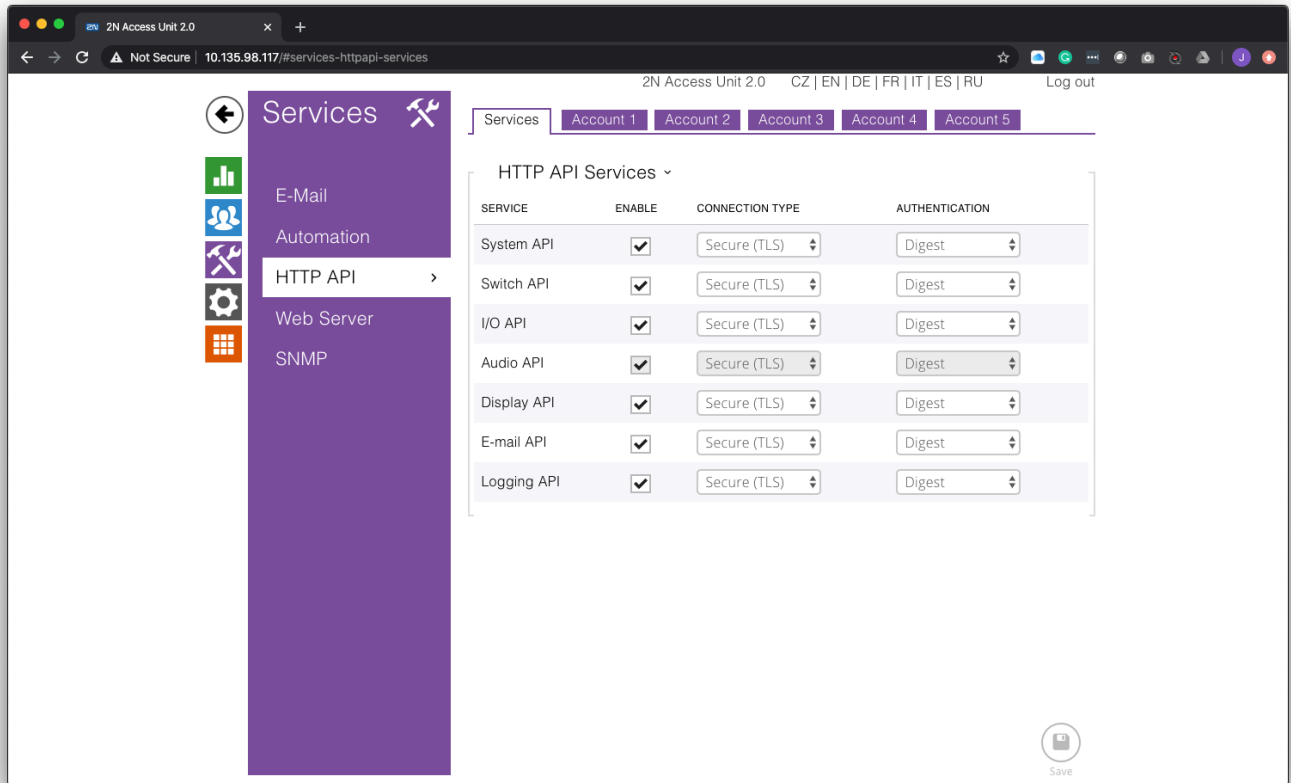
A step-by-step guide to adding a 2N Access Control Device to EvTrack:

1. Configure API Access on the 2N Device
2. Configure the device under Configuration > Devices
  - a. Select Device Type: 2N Helios Unit API Driver"
  - b. Complete All Fields
3. Confirm the device connection status.
4. *(Optional) Map a Person to Intercom Calling Button 1*

Please make sure to configure a **valid NTP Server** under Devices > New. Without a valid NTP server scheduling and event log will be unreliable. By default, EvTrack server will try and configure "pool.ntp.org"

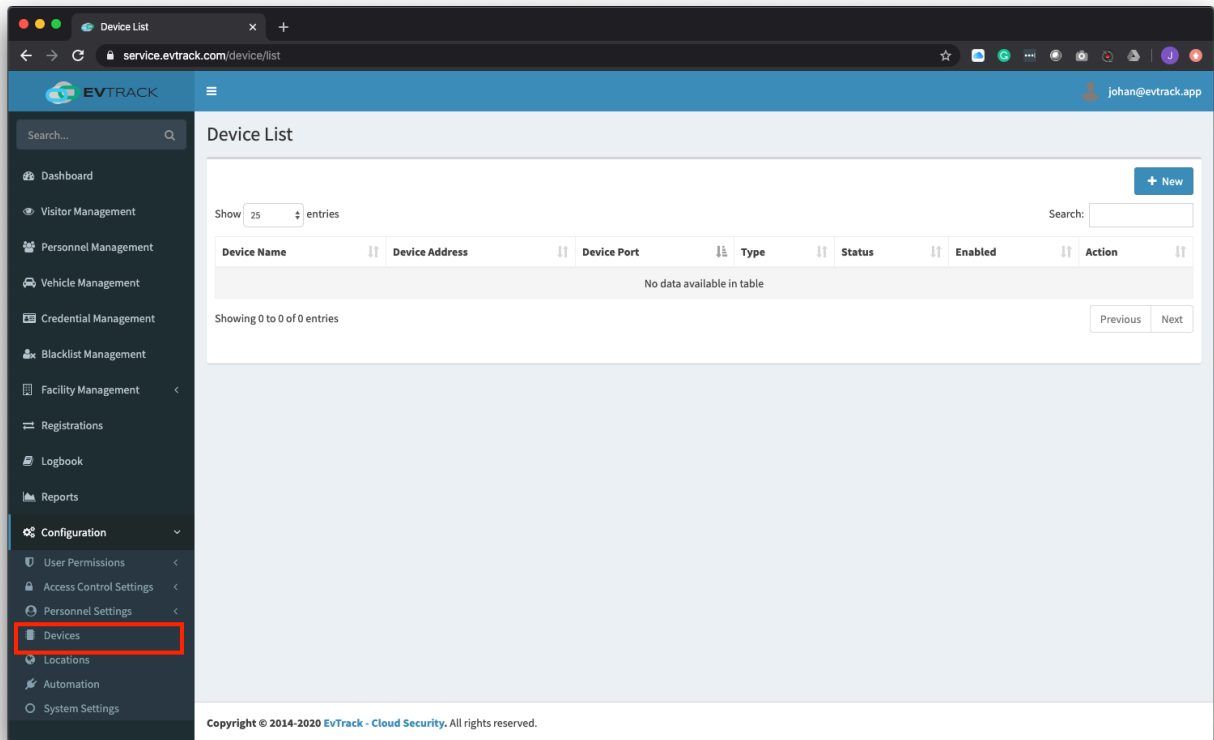
### Step 1: Configure 2N Device API Access

1. Enabled HTTP API Services
  - a. Connection Type: Secure (TLS)
  - b. Authentication: Digest
2. Configure an API Account:
  - a. Specify a Username/Password
  - b. Select the Required User Privileges



**Step 2: Configure the device under Configuration > Devices**

1. Navigate to Configuration > Devices and click on “+ New” button

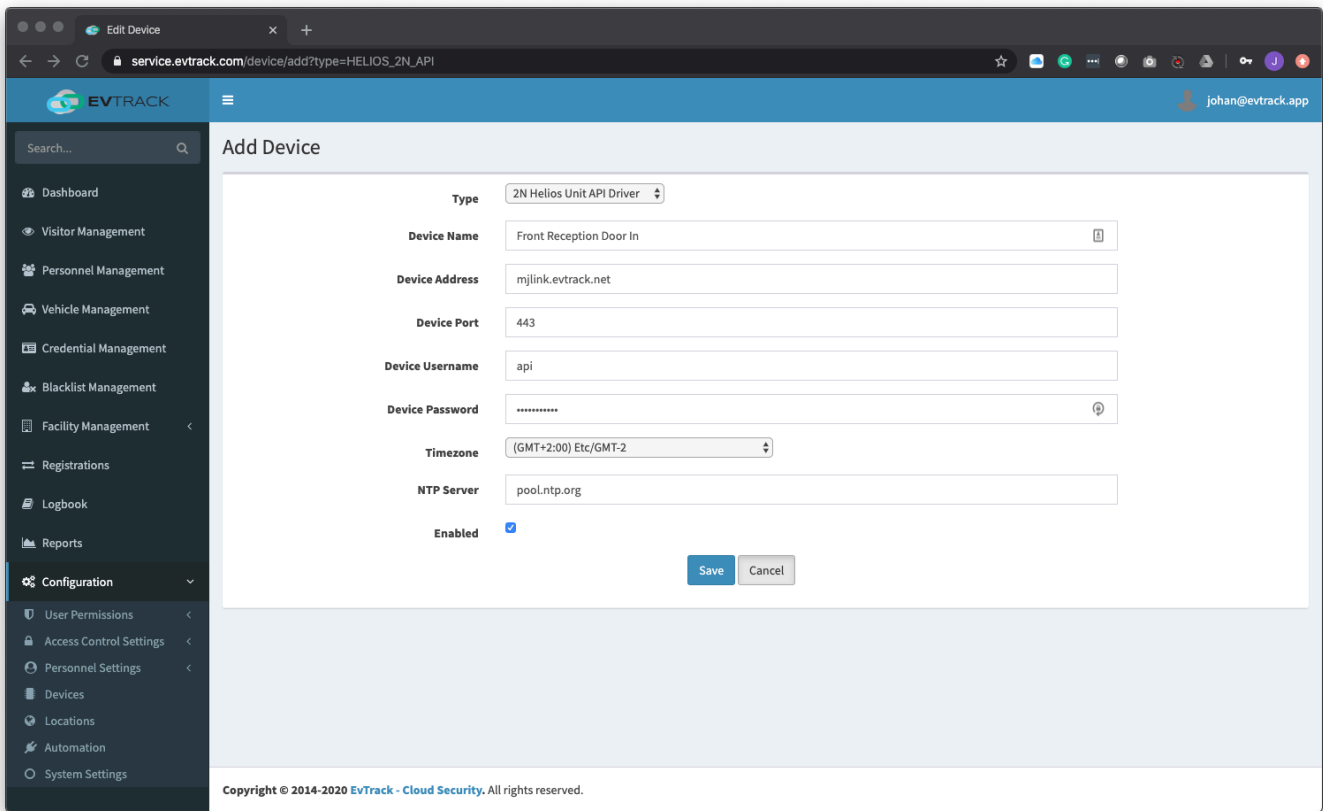


2. Complete the Fields

a. Select Device Type as “2N Helios Unit API Driver”

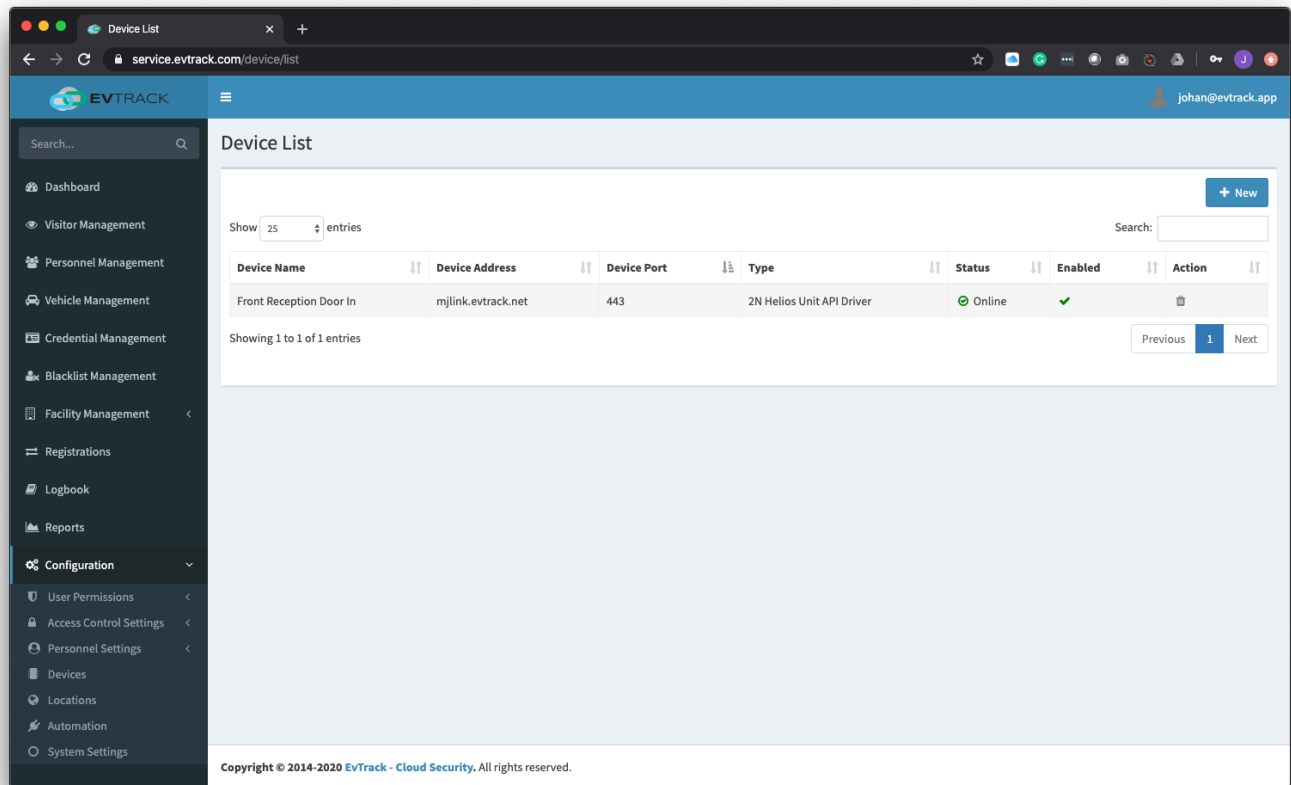
b. Complete Fields

- i. Device Name (Logical Name)
- ii. Device Address (IP Address or Hostname)
- iii. Device Port (HTTPS Port of the 2N Device. Default: 443)
- iv. Device Username (Configure API Username)
- v. Device Password (Configure API Password)
- vi. Timezone (Timezone of the device used for scheduling)
- vii. **NTP Server (Specify an NTP server that is accessible by the 2N Device)**



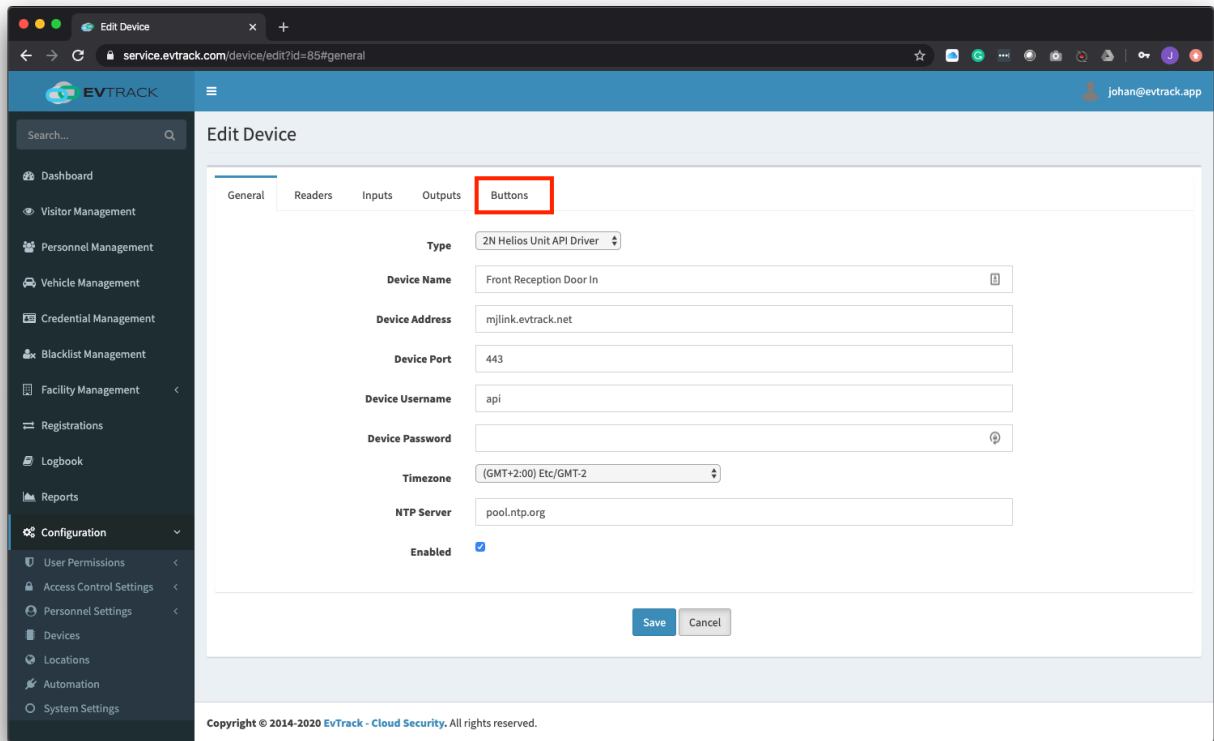
### Step 3: Confirm the device connection status

Once the device has been added the system will try and connect and display the connection status under the "Status" column. Please refer to **An nex A - Troubleshooting** if the device is Offline or Authentication Failed.

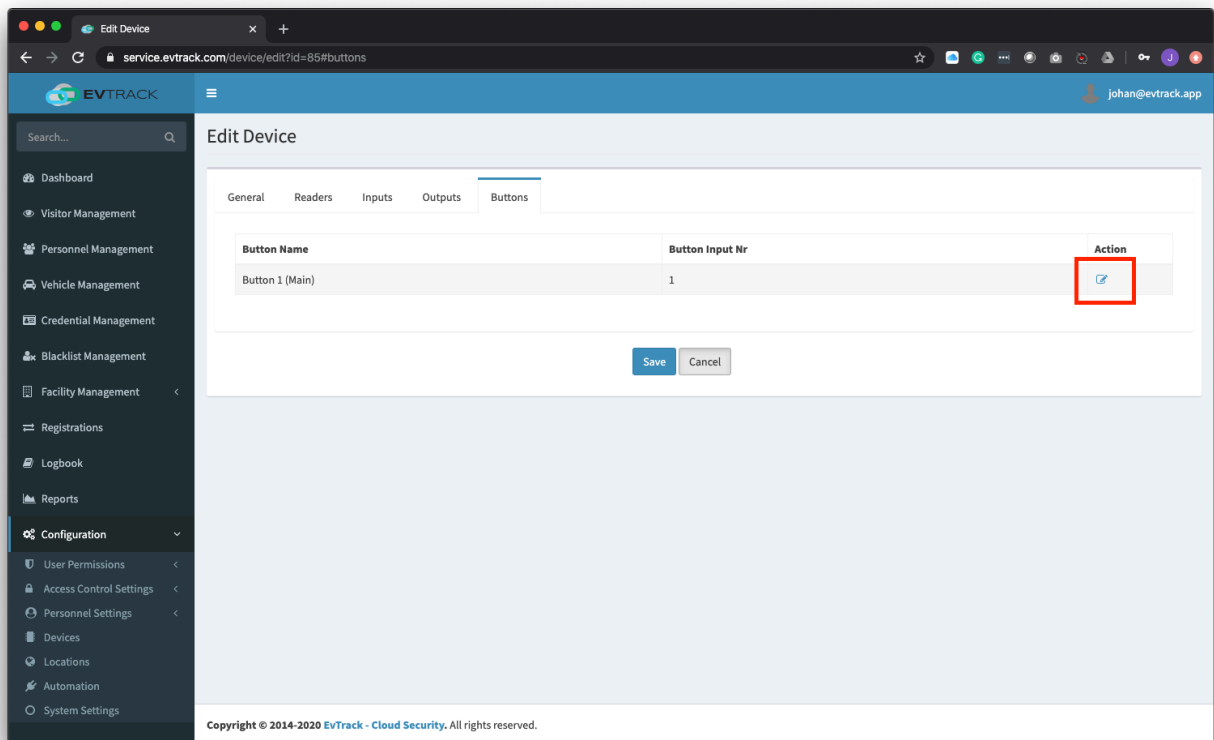


#### Step 4: (Optional) Map a Person Office Extension to Intercom Calling Button 1

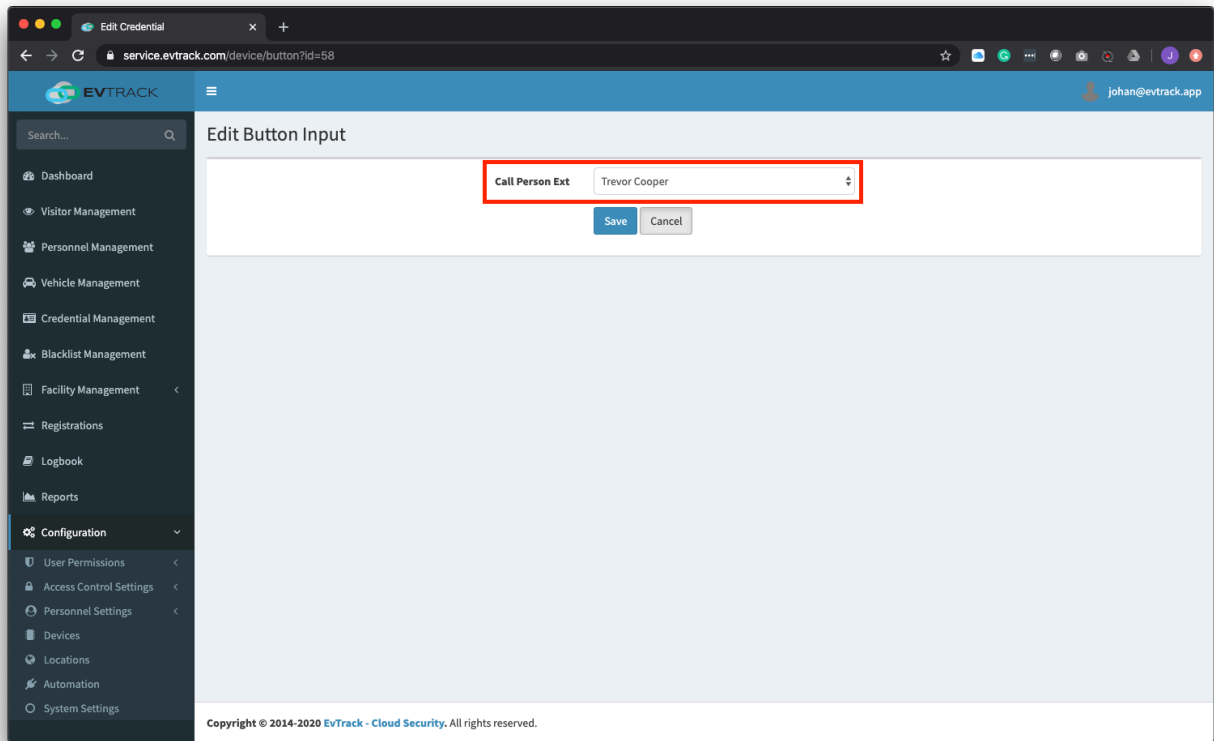
1. Edit the Device
2. Navigate to Edit Device > Buttons Tab



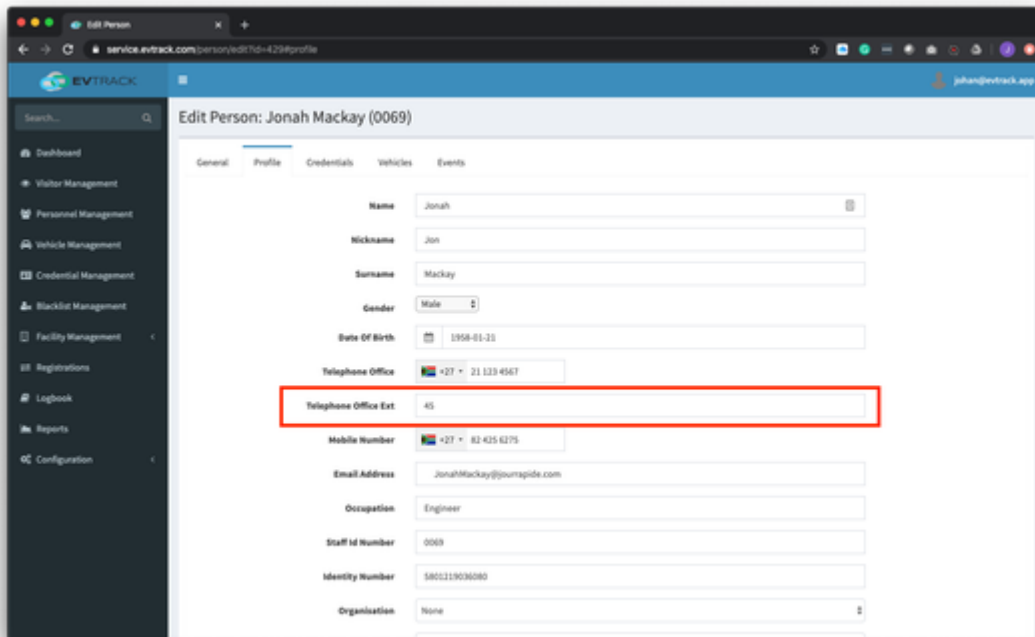
3. Click on the edit icon next to "Button 1 (Main)"



4. Select a Person to call when the button is pressed.



Call Person Ext map the Person Management > "Telephone Office Ext" field.



**Annex A - Troubleshooting:**

Device Status:

Status	Description	Troubleshooting
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N/A	Disable Is Disabled	Enabled Device
Online	The device is connected and receiving log events	-
Offline	The device is offline	<ul style="list-style-type: none"> <li>• Check Device is physically installed.</li> <li>• Check Device IP address and port.</li> <li>• Check Device has power.</li> </ul>
Authentication Failed	Unable to authentic to device	<ul style="list-style-type: none"> <li>• Check API Username/Password</li> <li>• Make sure u are not using the device admin credentials.</li> <li>• Ensure that Digest Authentication has been enabled.</li> <li>• Ensure HTTPS is enabled.</li> <li>• Ensure that the device has the correct licensing (i.e 2N Enhanced Integration (Part No. 9137907)</li> <li>• Ensure that function is enabled.</li> </ul>