CTC CONNECT

ACCESS2000 Gateway
Software Guide

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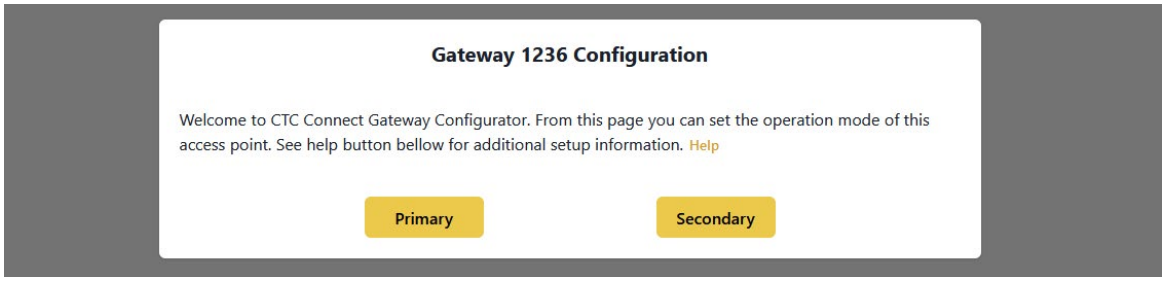
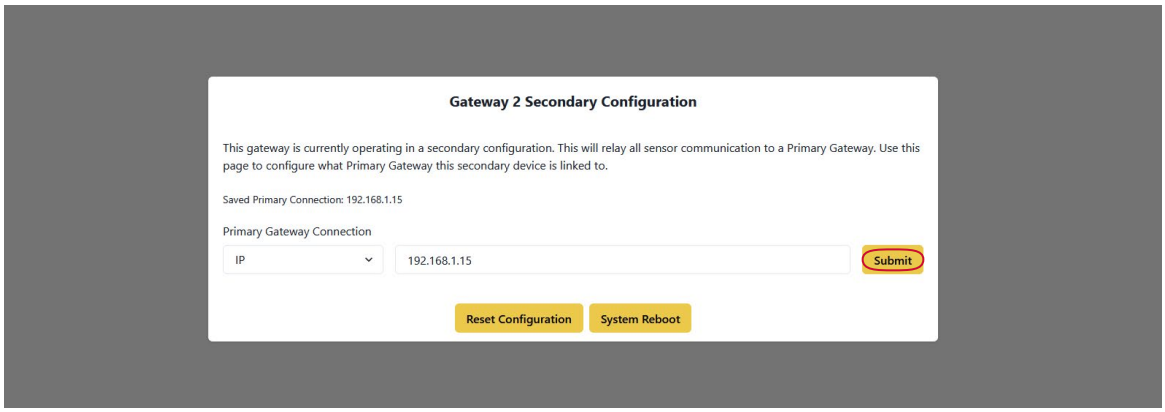
Device Setup

Connecting to a Network

1. Establish a physical connection between the gateway and the local network using the ethernet port and a Category 5 or higher ethernet cable. The gateway will power on automatically and two indicator LEDs will begin to blink, one orange and one green.
2. Wait until the orange LED remains solidly lit.
3. On a computer connected to the network, open a browser and navigate to http://ctcap-**XXXX**, where **XXXX** is the serial number of your gateway. The following screen will be displayed.

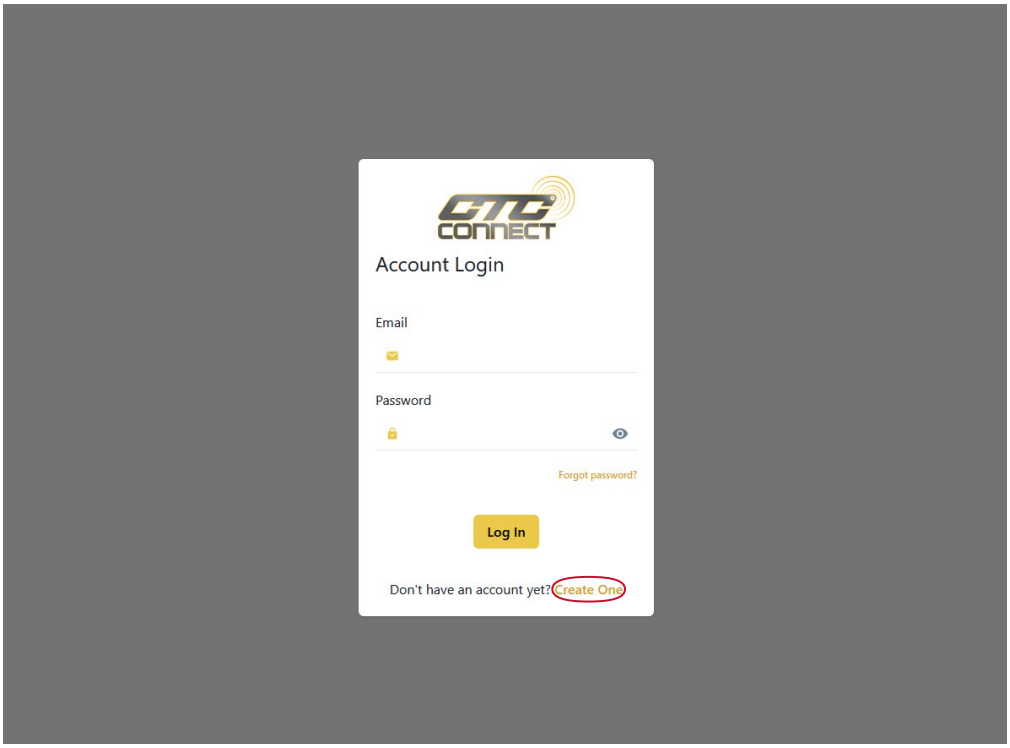


4. If the gateway is intended to be used as a primary connection point, click **Primary**. This will lead to the user login screen.
5. If the gateway is intended to be an intermediary connection point between a group of sensors and a primary gateway, click the **Secondary** button. This will lead to an additional setup screen.
6. Select IP from the Primary Gateway Connection dropdown menu. Enter the IP address of the primary gateway into the text field. Use the **Submit** button to begin a connection between the two gateways.



Creating a New Account

1. From the login screen, click the **Create** button on the bottom of the window.

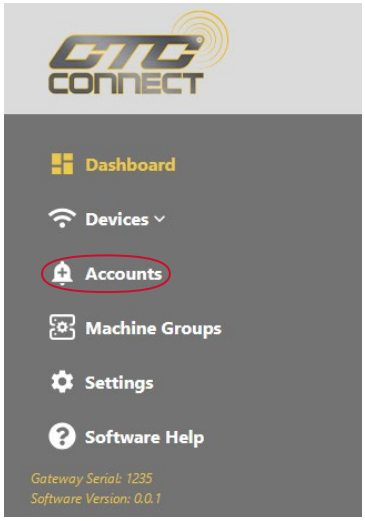


2. Enter the required user information: first and last name, email address, and password.
3. Click the **Details** button to view any additional information, if desired.
4. Click the **Register** button. The app will return to the login screen.
5. Login to the newly created account.
6. If prompted, check the associated email address for a verification email.

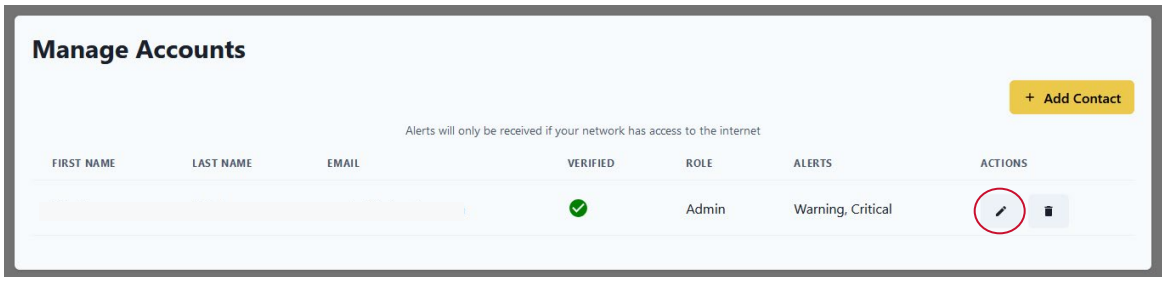
Note: The first account created on the network will automatically be assigned the Admin role. All subsequent users must have their roles elevated, as described in the following section.

Modifying User Accounts

1. While logged into an account with Admin privileges, click the **Accounts** button on the left side of the dashboard.



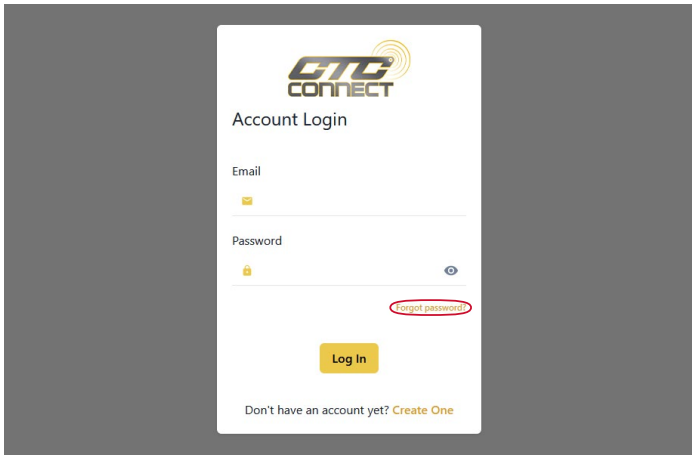
2. Select the user account you wish to edit.
3. Click the pencil icon.



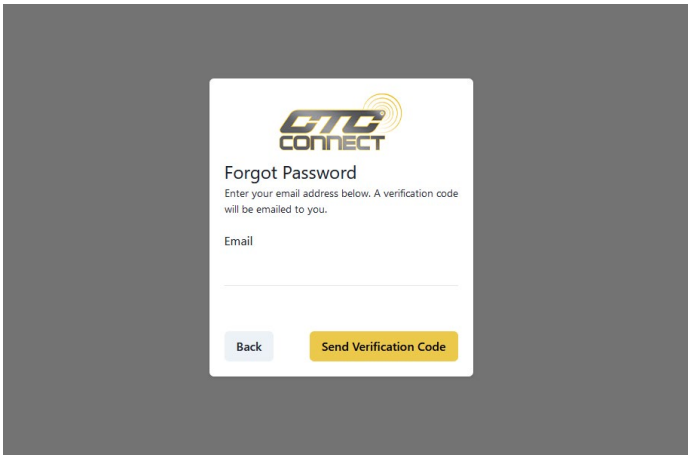
4. Modify account information as desired.
5. Click the **Save** button to complete.

Resetting User Password

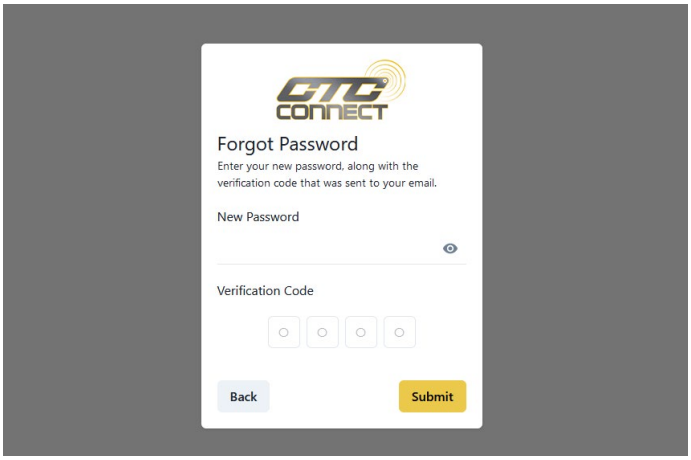
1. Ensure that the gateway is connected to a network with internet access.
2. From the login screen, select the **Forgot Password?** option.



3. Enter the user's email address.



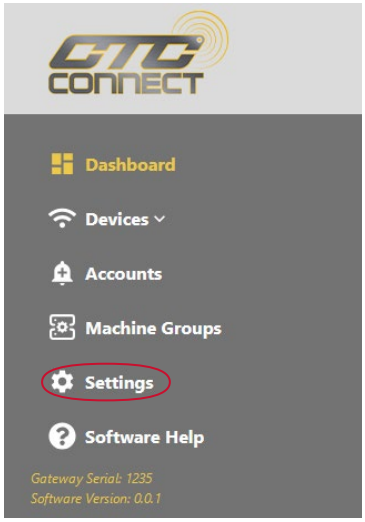
4. Create a new password, and enter the verification code sent via email. Click **Submit**.



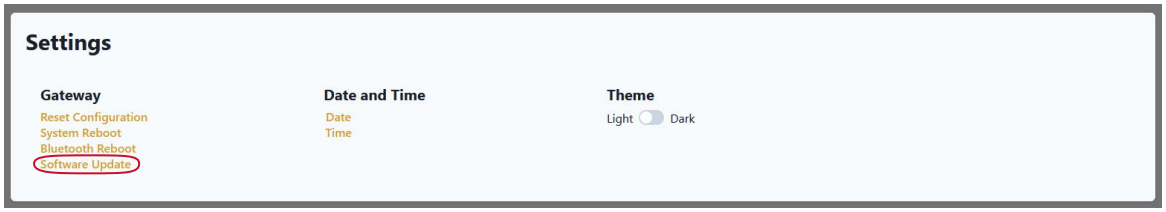
5. The user will be returned to the login screen, where they will be able to log in with the new credentials.

Performing a Software Update

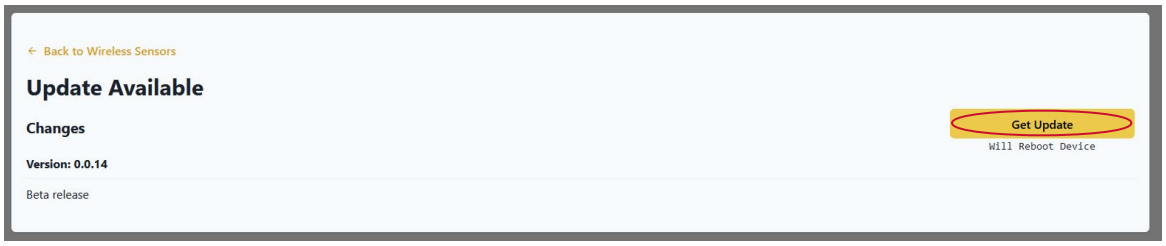
1. Ensure that the gateway is connected to a network with internet access.
2. While logged into an account with Admin privileges, click the **Settings** button on the left side of the dashboard.



3. Select the **Software Update** option.



4. If an update is available, it will be shown on this page. Click the **Get Update** button to update the software.

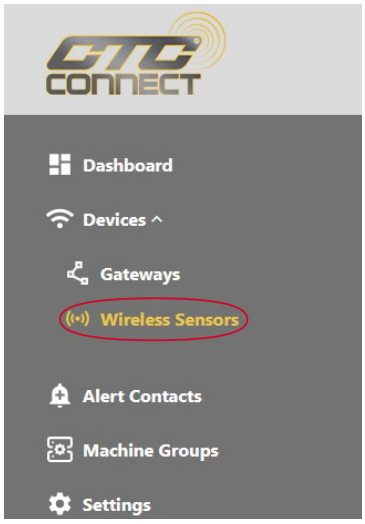


Executing Functionality

Note: Proceeding with any of the following requires the user to have either Analyst or Admin privileges.

Connecting a Sensor

1. Unscrew the sensor cap and plug in the battery.
2. From the dashboard, click the **Devices** dropdown on the left then click on **Wireless Sensors**.

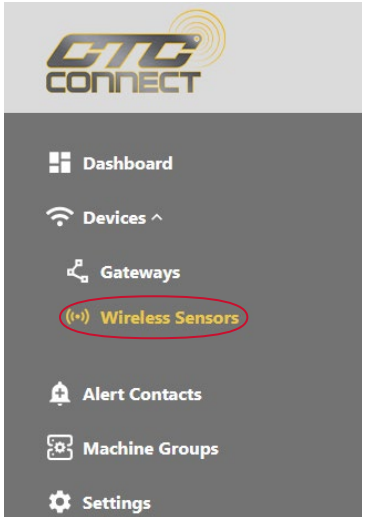


3. The sensor will automatically connect, and will show in the list of available sensors.

Note: Sensor connection status will also appear in notifications.

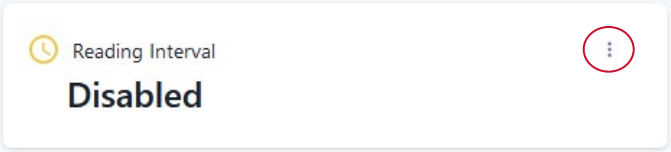
Programming a Dynamic Sensor

1. From the dashboard, click the **Devices** dropdown on the left then click on **Wireless Sensors**.



2. Select the desired sensor from the list.

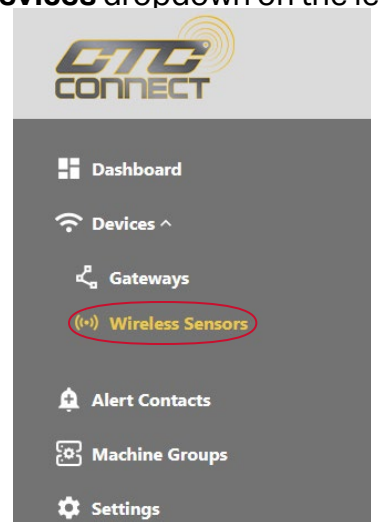
3. Modify any sensor setting by using the 3-dot button located in its field.



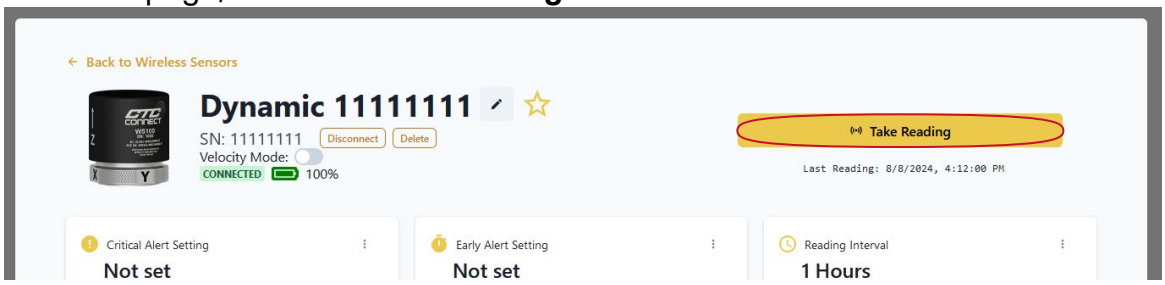
Note: WS100 Series sensors are not field reprogrammable.

Taking a Reading

1. From the dashboard, click the **Devices** dropdown on the left then click on **Wireless Sensors**.



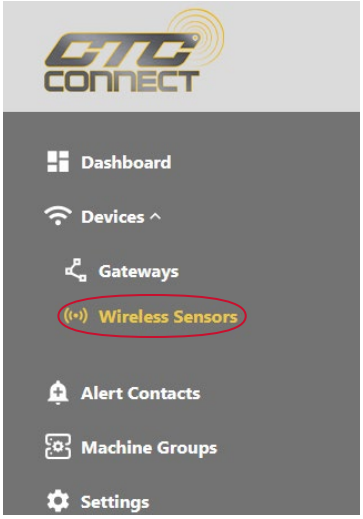
2. Find the desired dynamic sensor among the list of connected devices and click on it.
3. On the sensor page, click the **Take Reading** button.



Once the reading is complete, the page will automatically refresh with the resulting data capture.

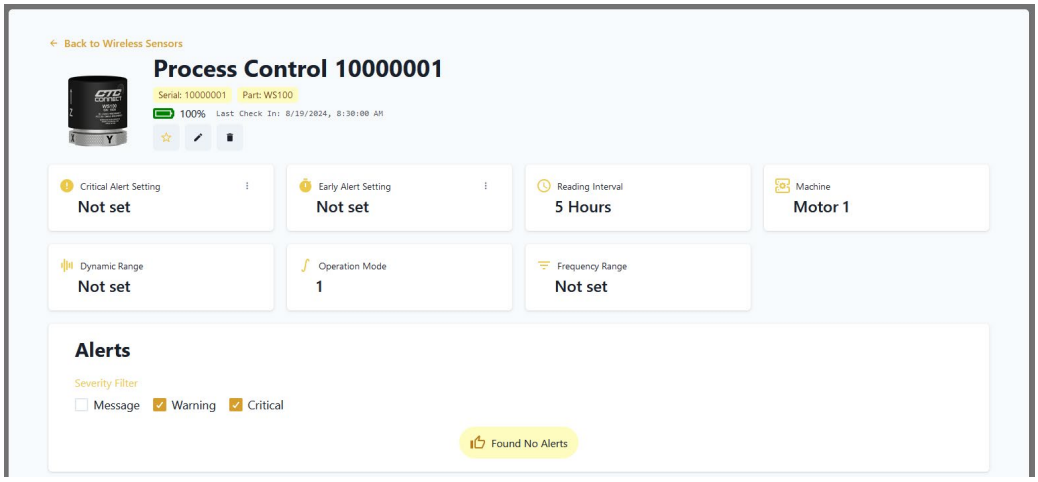
Viewing Process Control Sensors

1. From the dashboard, click the **Devices** dropdown on the left then click on **Wireless Sensors**.



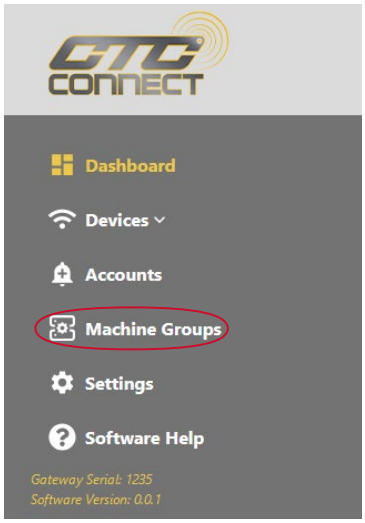
2. Find the desired sensor among the list of connected devices and click on it.

3. The resulting screen will display all available information about the sensor.

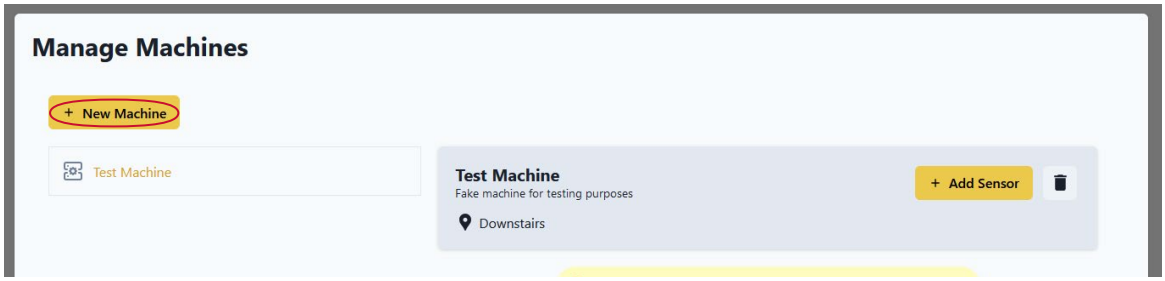


Create a Machine Group

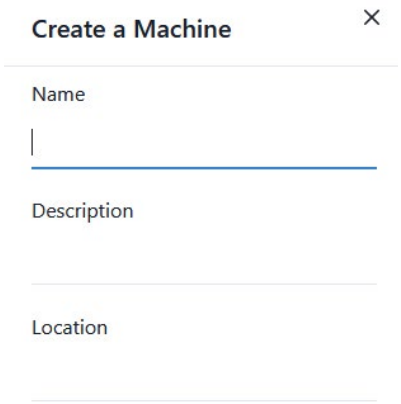
1. From the dashboard, click the **Machine Groups** button on the left.



2. Click the **New Machine** button.



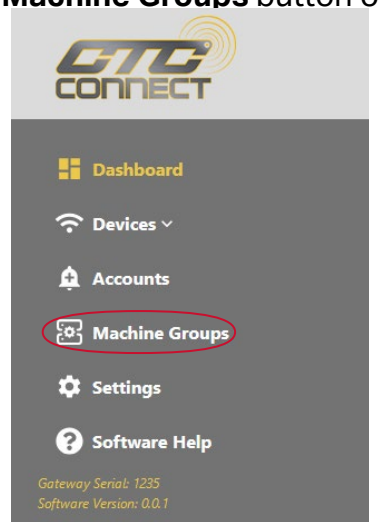
3. Enter machine information: name, description, and location.



4. Click the **Save** button to complete.

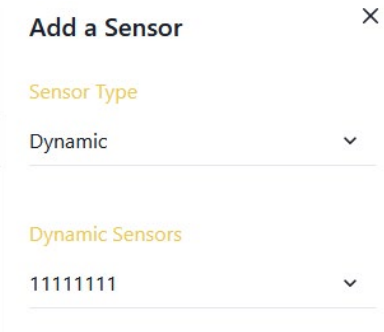
Add Sensor to a Machine Group

1. From the dashboard, click the **Machine Groups** button on the left.



2. Select the desired machine from the available list.
3. Press the **Add Sensor** button.

4. From the drop-down menu, select any desired sensor from the list of available options.



5. Press the **Submit** button to complete.

Federal Communications Commission (FCC) Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For additional information, please go to: https://www.cassianetworks.com

RF Exposure Warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Maintenance

Once the system has been installed, it requires minimal maintenance. Basic checks to ensure system integrity should be made periodically.

Visual inspection should include examinations for the following:

1. No visible electrical burns or smoke inside the enclosure.
2. No moisture or condensation is present inside the enclosure.

Warranty and Refund

Please visit www.ctconline.com to view a complete recapitulation of our warranty and refund policies.

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Scan the QR code or use the hyperlink to access our convenient web form to submit your request online at any time.

CTC's experienced support team will review your inquiry and work quickly to resolve your issues.

scan QR code or

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