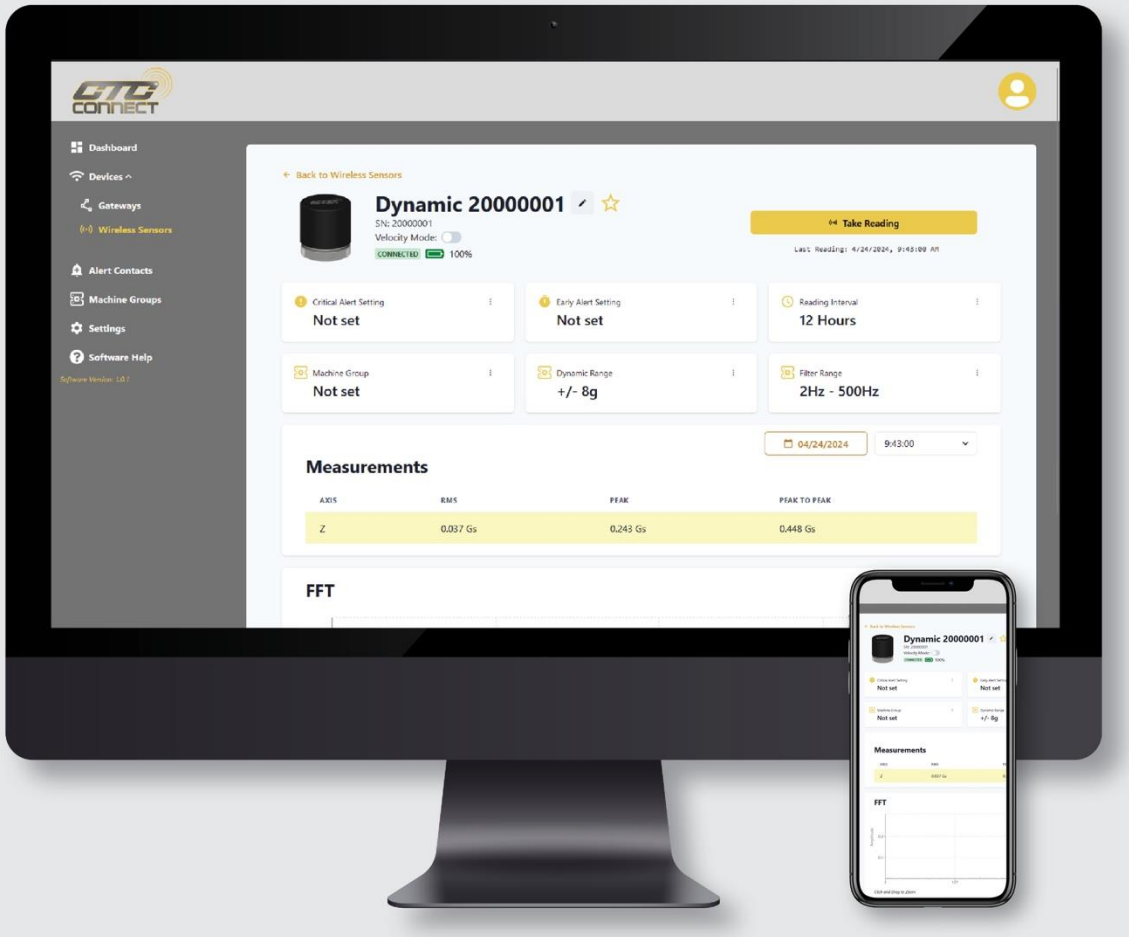


CONNECTVIEW™ WEB APP

OVERVIEW

What Is The ConnectView™ Web App?

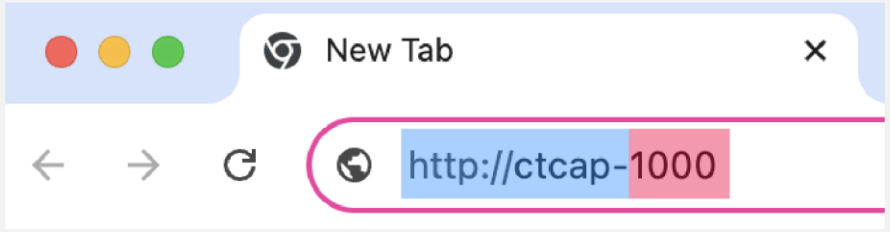
CTC's complimentary ConnectView™ Web App comes preloaded on Connect Wireless Gateways and offers basic vibration tools and device management functionality, including:

- Configure WS200 and WS300 Series Sensor (Please note, WS100 is factory configurable only)
- Nickname sensors
- Set critical and early alert values which can be viewed through the ConnectView™ Web App
- Create machine groups
- View battery life
- Request readings on demand (WS200 & WS300 only)
- View basic vibration data:
  WS100 – View overall vibration amplitude in RMS, Peak, and Peak to Peak
  WS200 & WS300 – View FFT and Time Waveform data

Logging In For ACCESS360

You can access the ConnectView™ Web App on any device, using any web browser.

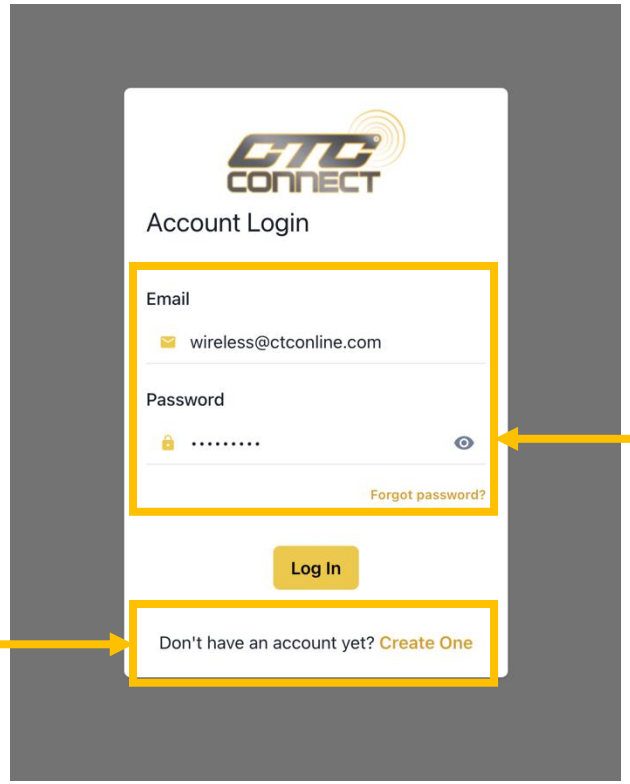
Type in:
http://ctcap-
followed by the **serial number of your ConnectBridge™ Gateway**



Gateway must be powered on to load web app

Logging In For ACCESS360

First time users – use this link to create an account when logging in for the fist time

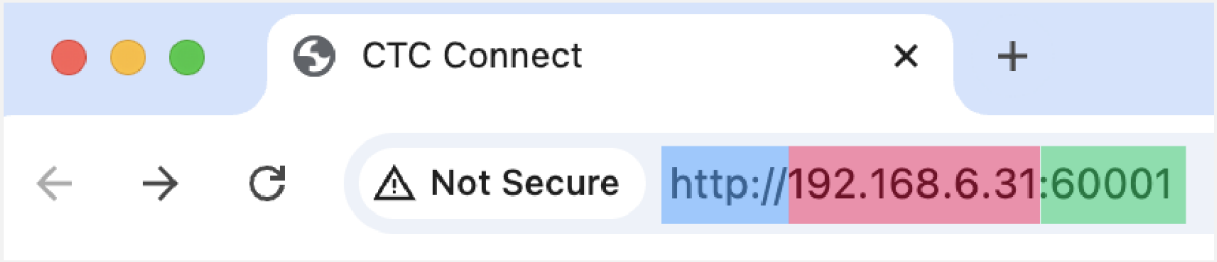


Returning users – enter your email and password, then click Log In

Logging In For ACCESS2000

You can access the ConnectView™ Web App on any device, using any web browser.

Type in:
http://
followed by the **IP ADDRESS for the ACCESS2000 Gateway**
followed by **:60001**

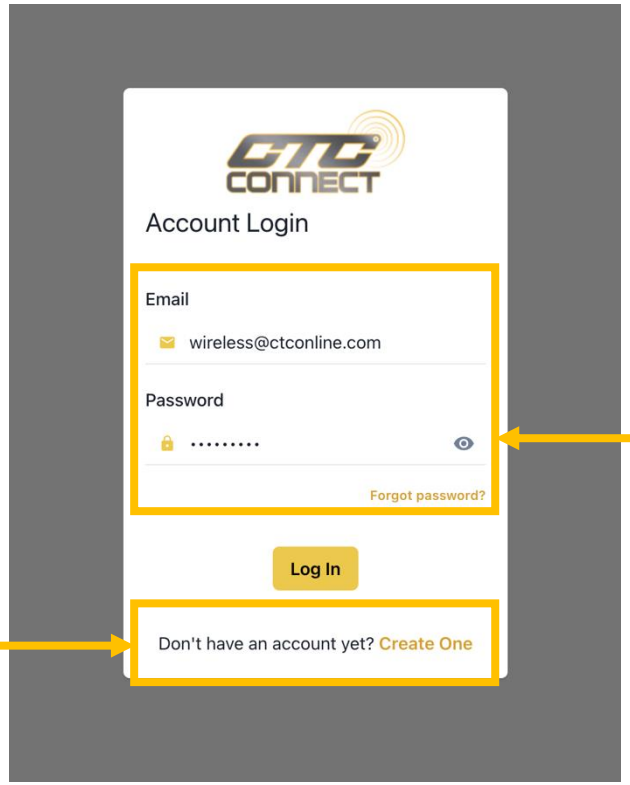


*Please note – to find the IP address of the ACCESS2000 gateway on your network, please refer to **page 8 of the ACCESS2000 Network Controller & Wireless Gateway Product Manual***

Gateway must be powered on and connected to Wi-Fi or wired LAN to load web app

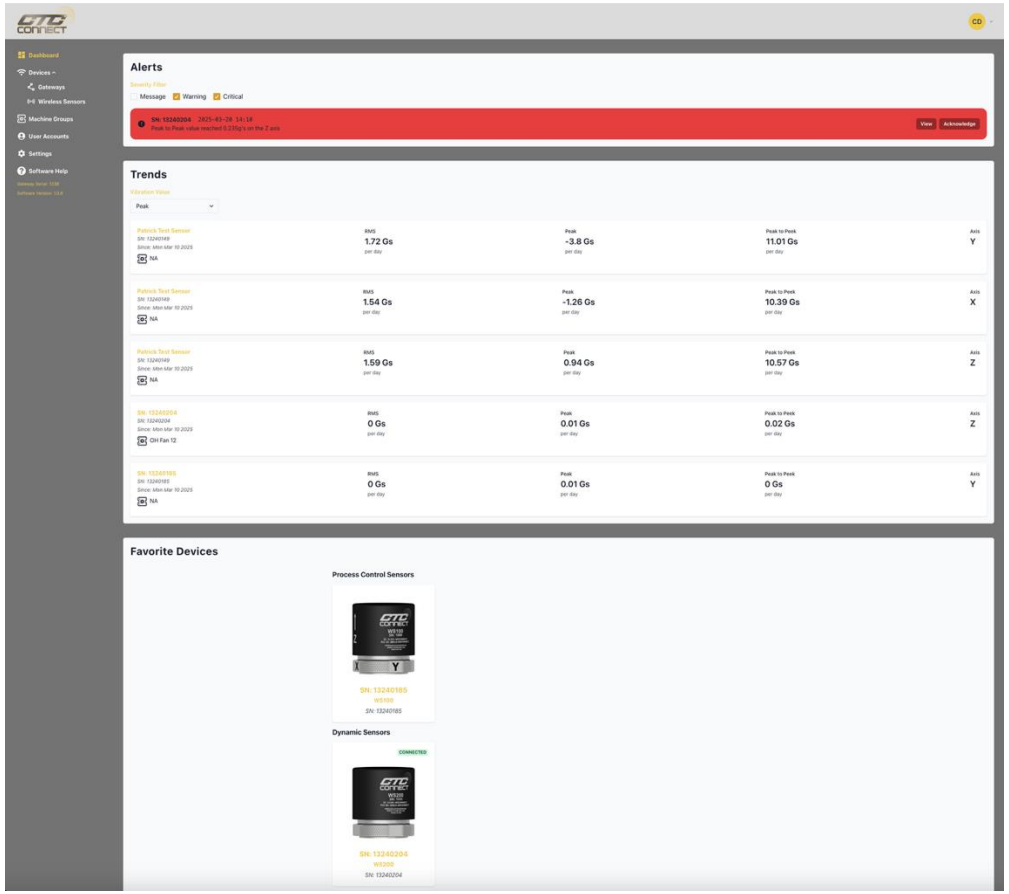
Logging In For ACCESS2000

First time users – use this link to create an account when logging in for the fist time



Returning users – enter your email and password, then click Log In

Dashboard

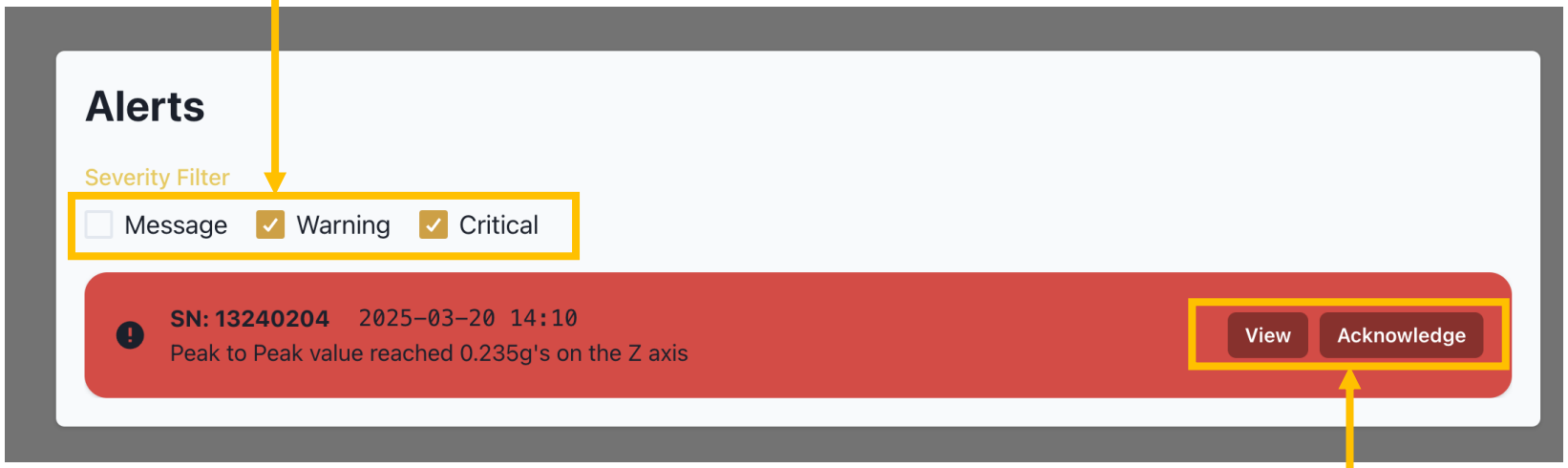


The dashboard shows

- Alerts
- Trends
- Favorite Devices

Alerts

Use the check boxes to select what alerts to display

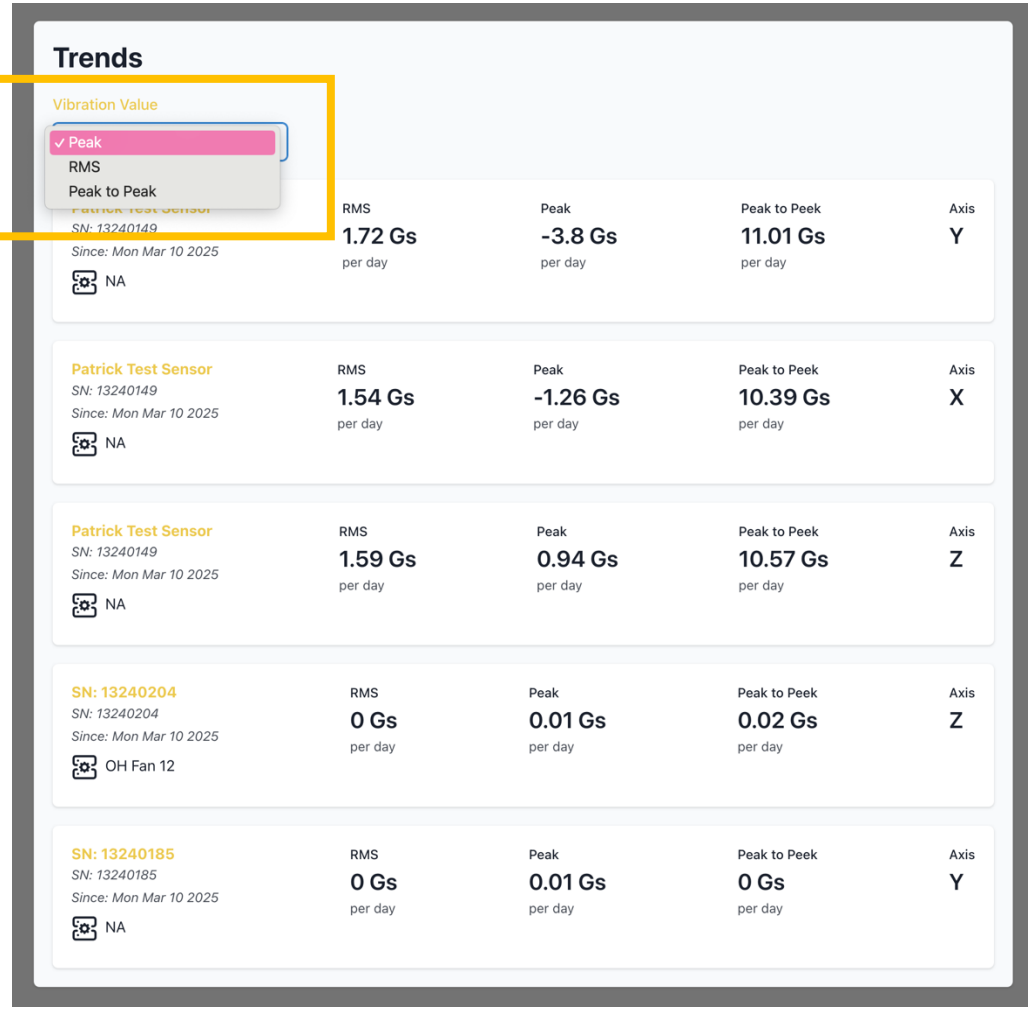


Use the buttons to view or acknowledge the alert

Trends

Use the dropdown to choose type of vibration value you'd like displayed

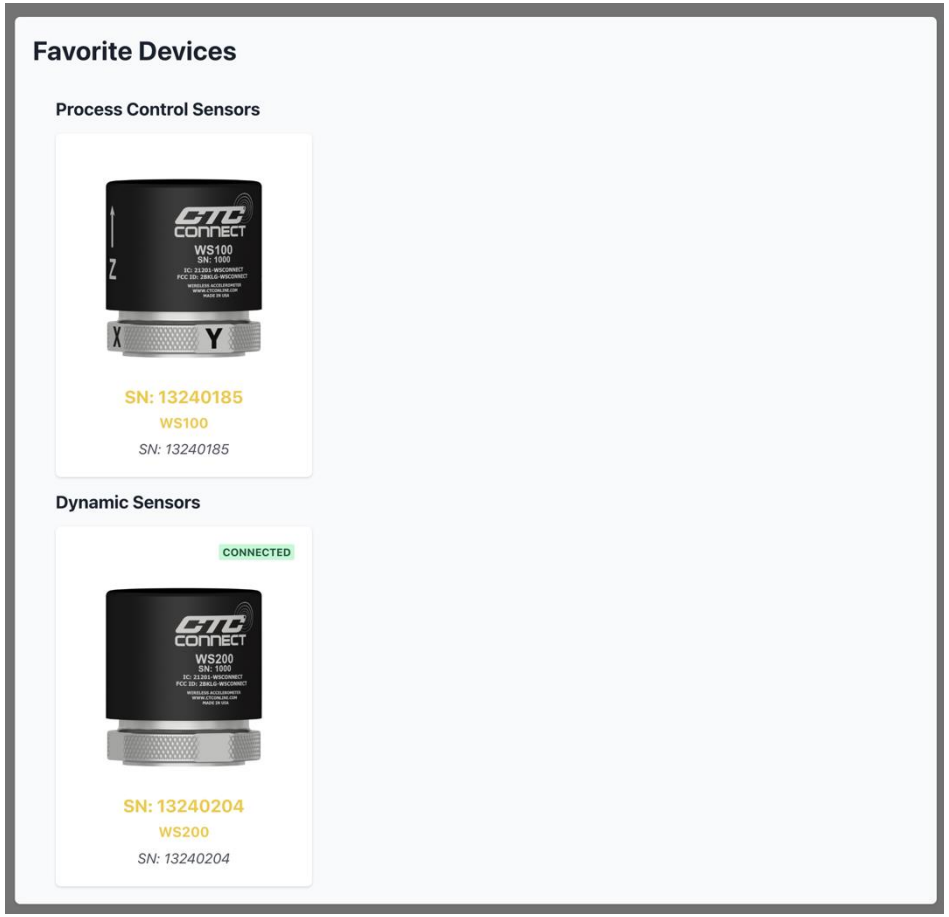
- Peak
- RMS
- Peak to Peak



Click on any trend to view the sensor's page

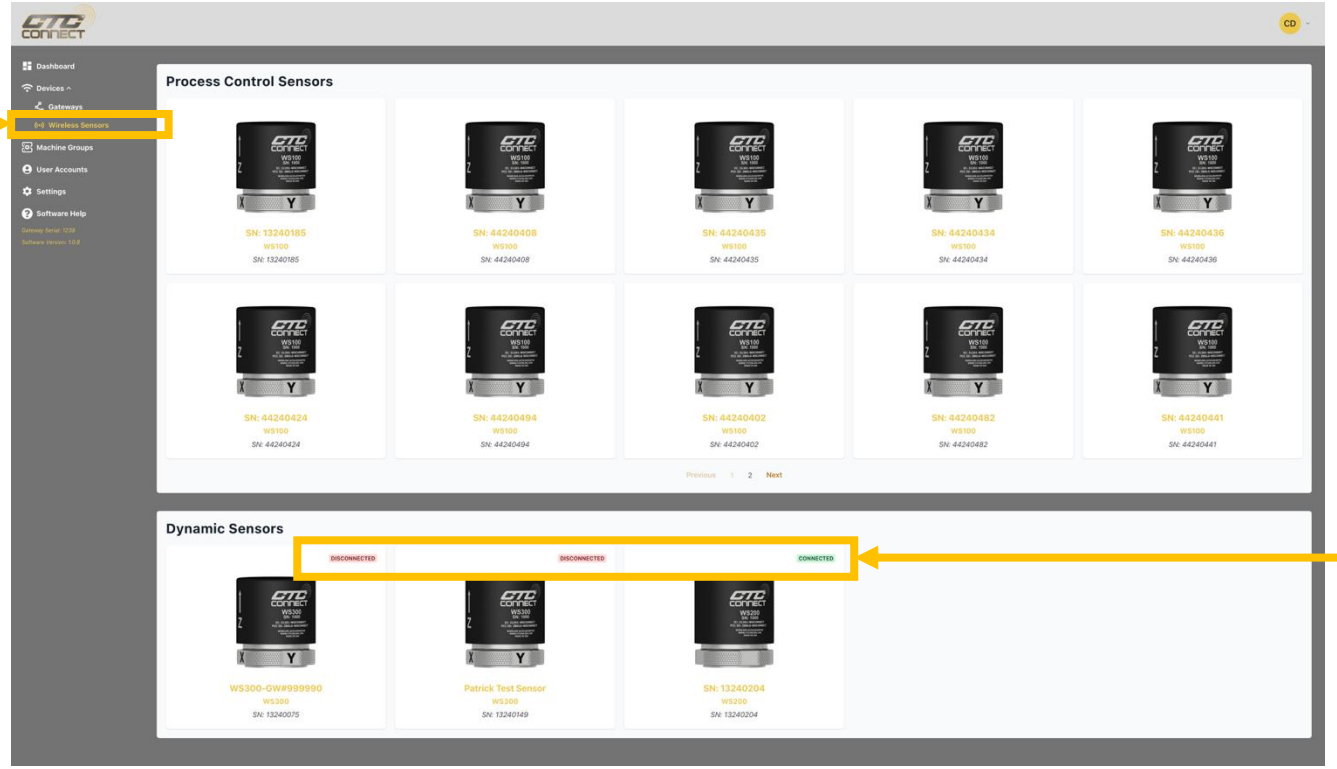
Favorites

Click on any of your favorite devices to view the device's page



Devices - Sensors

View all your sensors at glance



Dynamic sensors will be labeled connected or disconnected

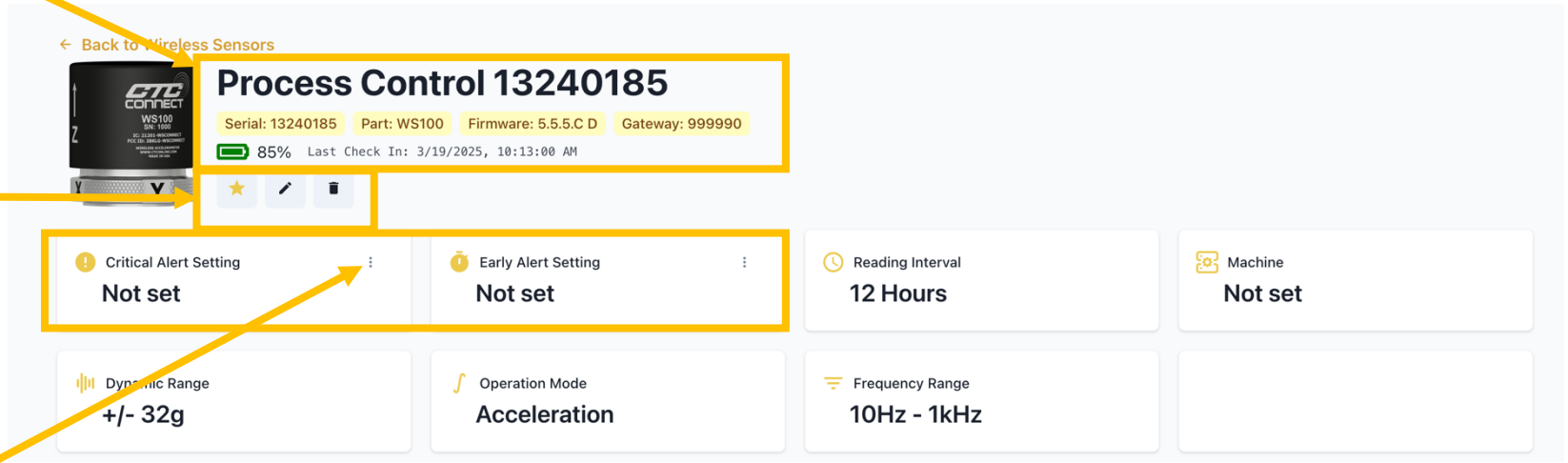
Click on any sensor to view its page

WS100 Sensor Page

View basic sensor info

Set as favorite, edit name, or remove sensor

Set Critical Alert or Early Alert Settings by clicking on the three dots in the corner



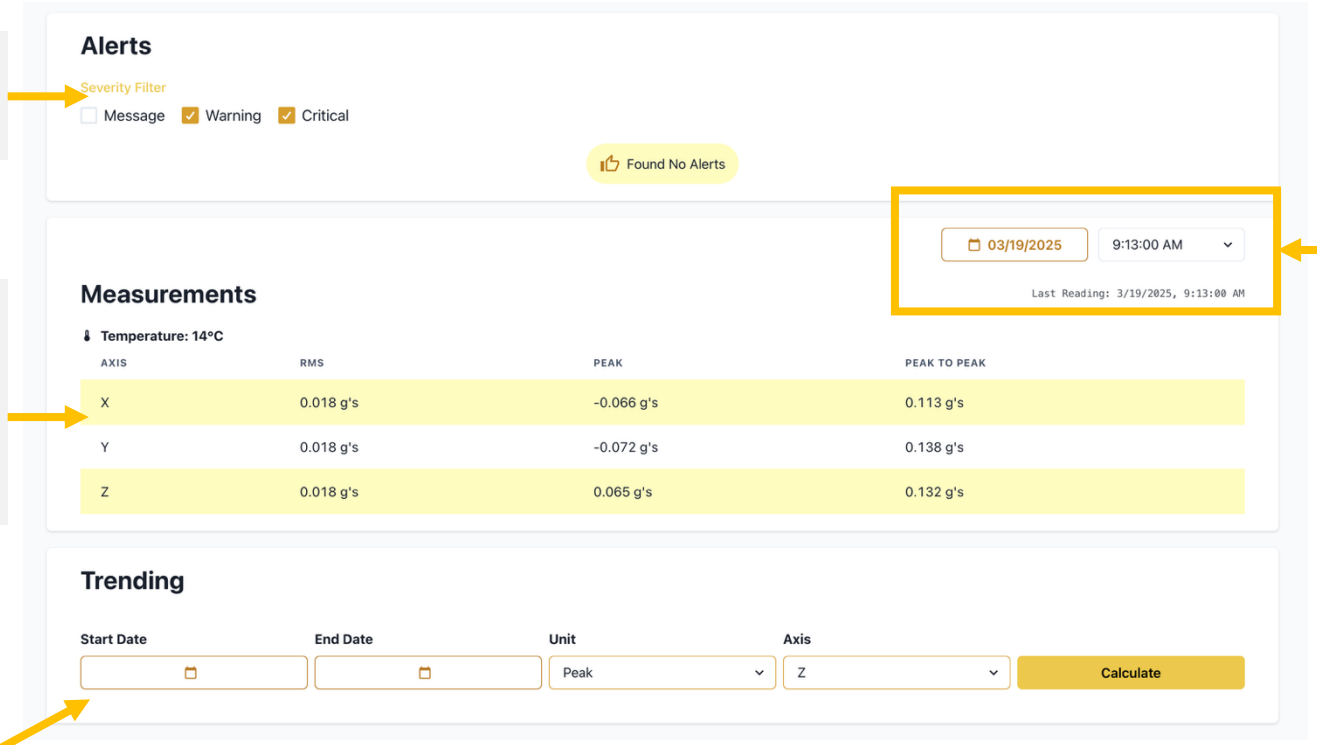
The other specs shown are not user-configurable for WS100

WS100 Sensor Page

View and set alerts

Most recent measurement will be displayed here

Calculate trend over a specified period



Use the calendar dropdown to select measurements from a specific date and the time dropdown to select from all reading times for that date

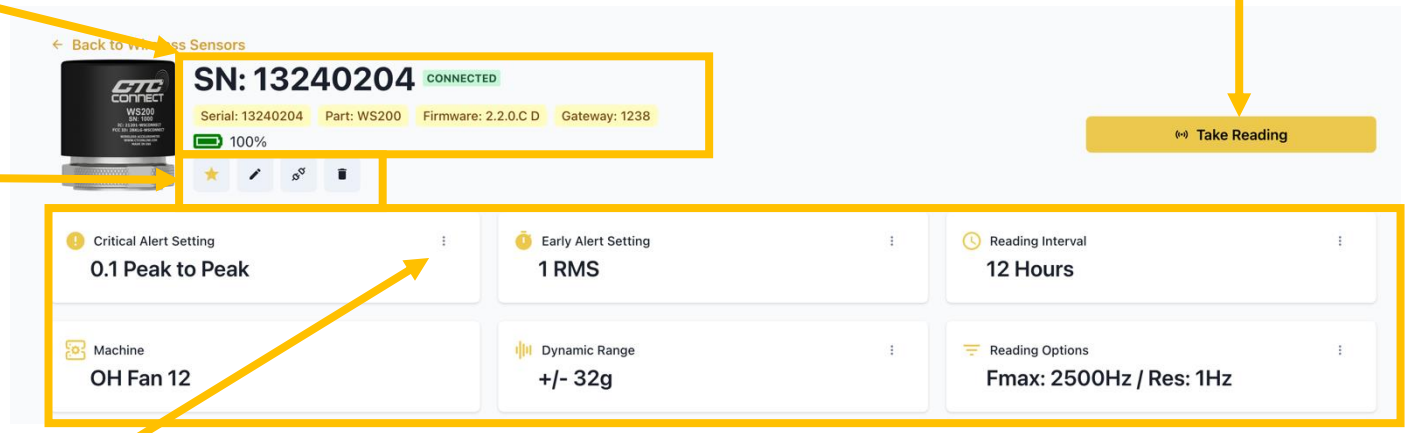
WS200/WS300 Sensor Page

View basic sensor info

Set as favorite, edit name, disconnect, or remove sensor

User-configurable specifications – click on the three dots in the corner to configure

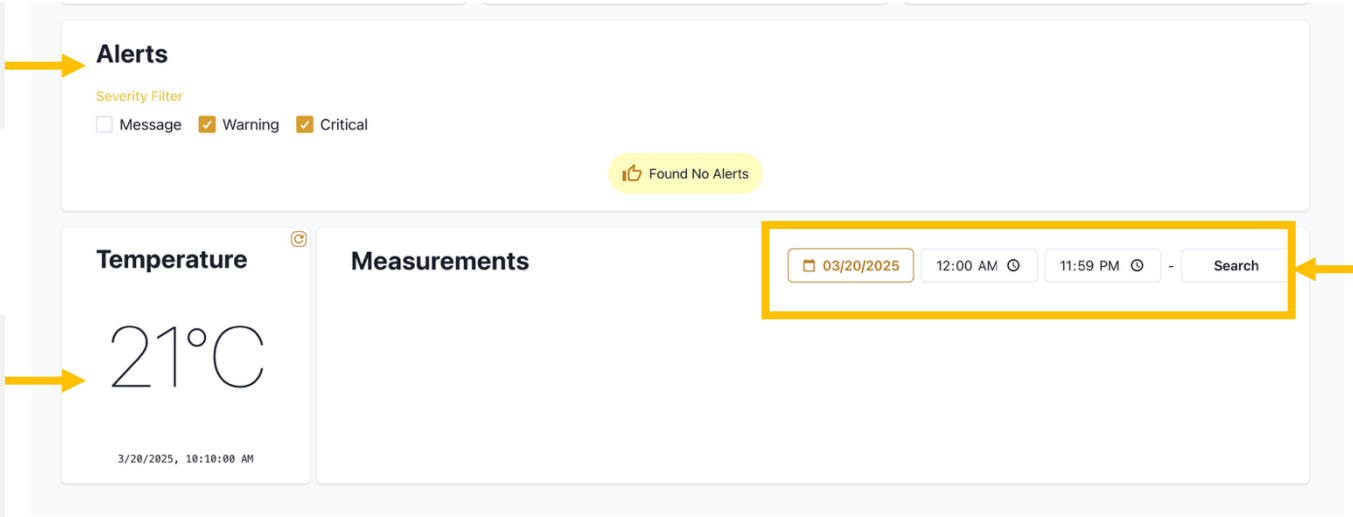
Take reading on demand



WS200/WS300 Sensor Page

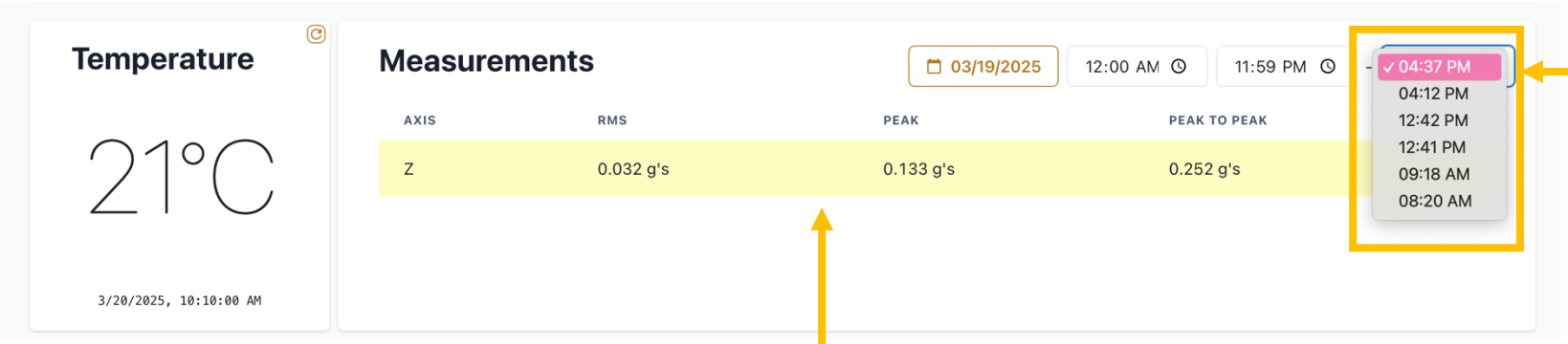
View and set alerts

Most recent temperature measurement will be displayed here



Use the calendar dropdown to select measurements from a specific date and use the start and end times to show only readings during a specific time of the selected day

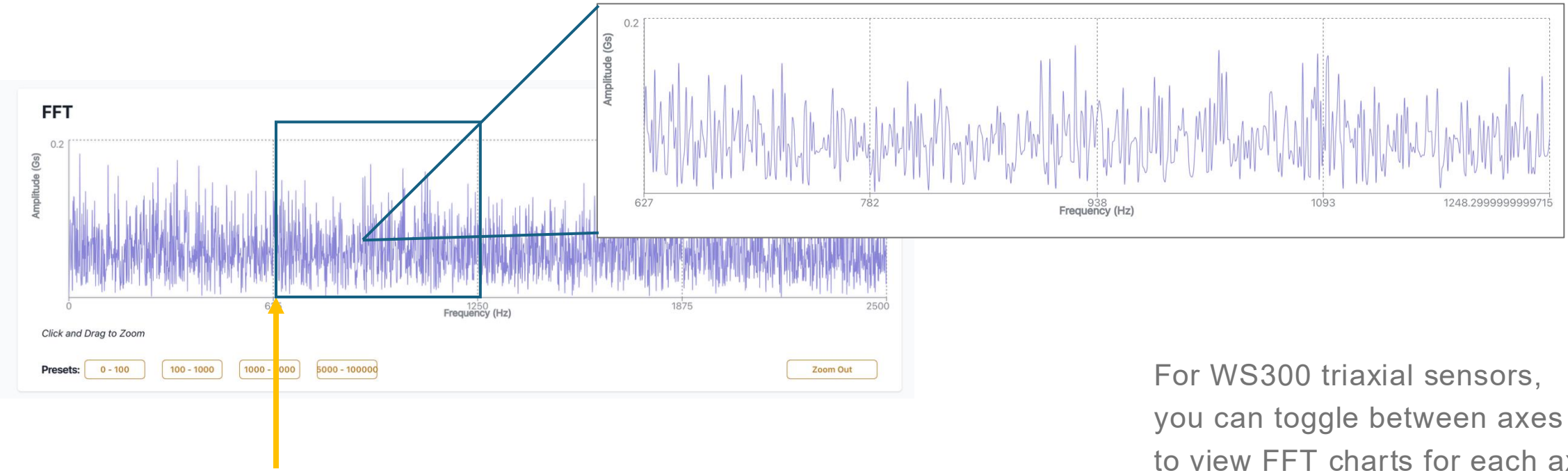
WS200/WS300 Sensor Page



Once you've selected a date and timeframe and clicked Search, a dropdown menu will appear. You can select from any reading during your specified timeframe.

Measurements in RMS, Peak, and Peak to Peak will show for your selected reading. Note, WS300 triaxial sensors will show data for all three axis per reading.

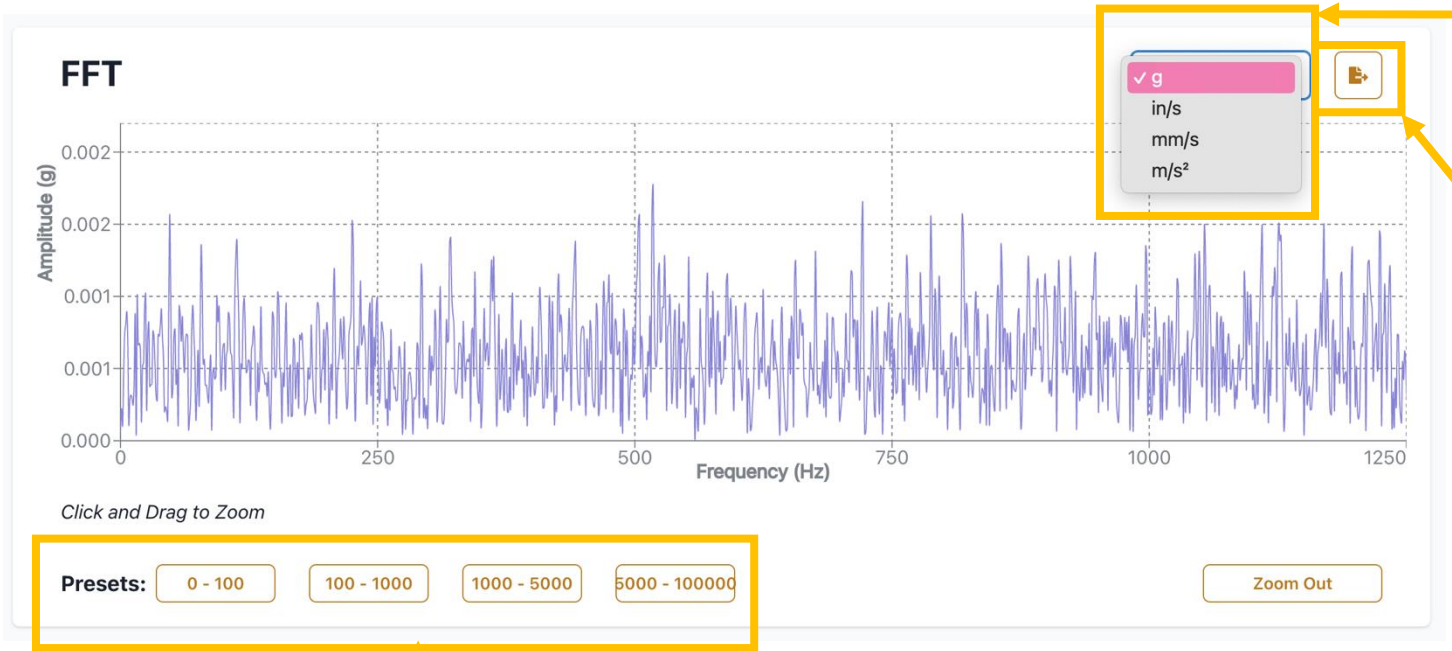
WS200/WS300 Sensor Page



The FFT chart for your selected reading will be displayed. You can click and drag on the chart to zoom to a specific frequency.

For WS300 triaxial sensors, you can toggle between axes to view FFT charts for each axis

WS200/WS300 Sensor Page

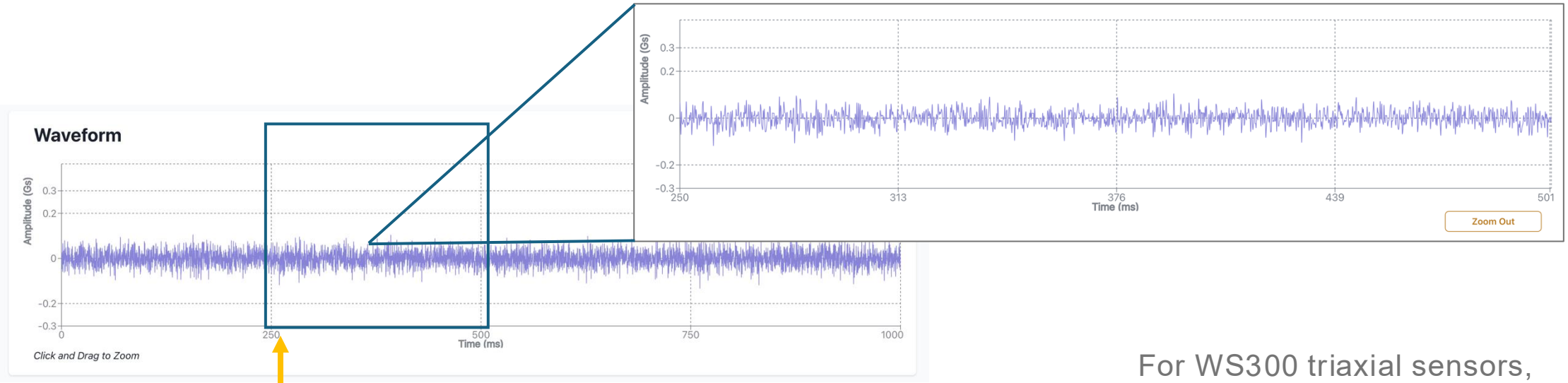


Use the dropdown to toggle between acceleration (g or m/s^2) and velocity (in/s or mm/s)

Use the Export to CSV button to download your FFT data.

Select from preset zoom levels for popular bands

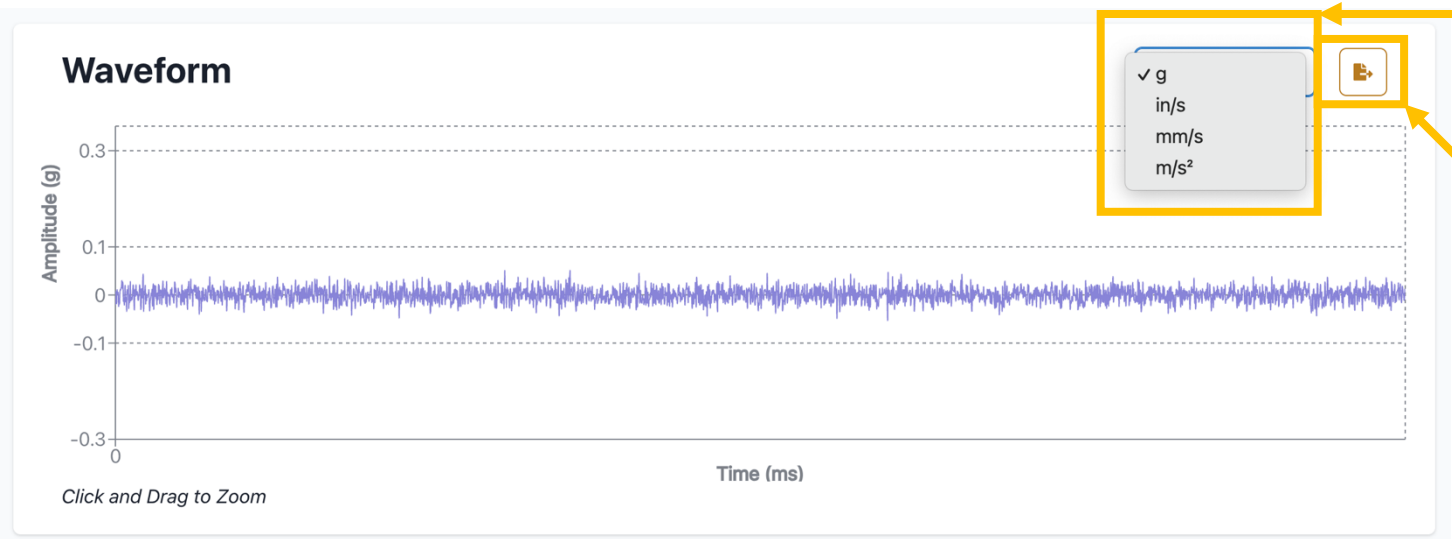
WS200/WS300 Sensor Page



The Waveform chart for your selected reading will be displayed. You can click and drag on the chart to zoom to a specific frequency.

For WS300 triaxial sensors, you can toggle between axes to view Waveform charts for each axis

WS200/WS300 Sensor Page



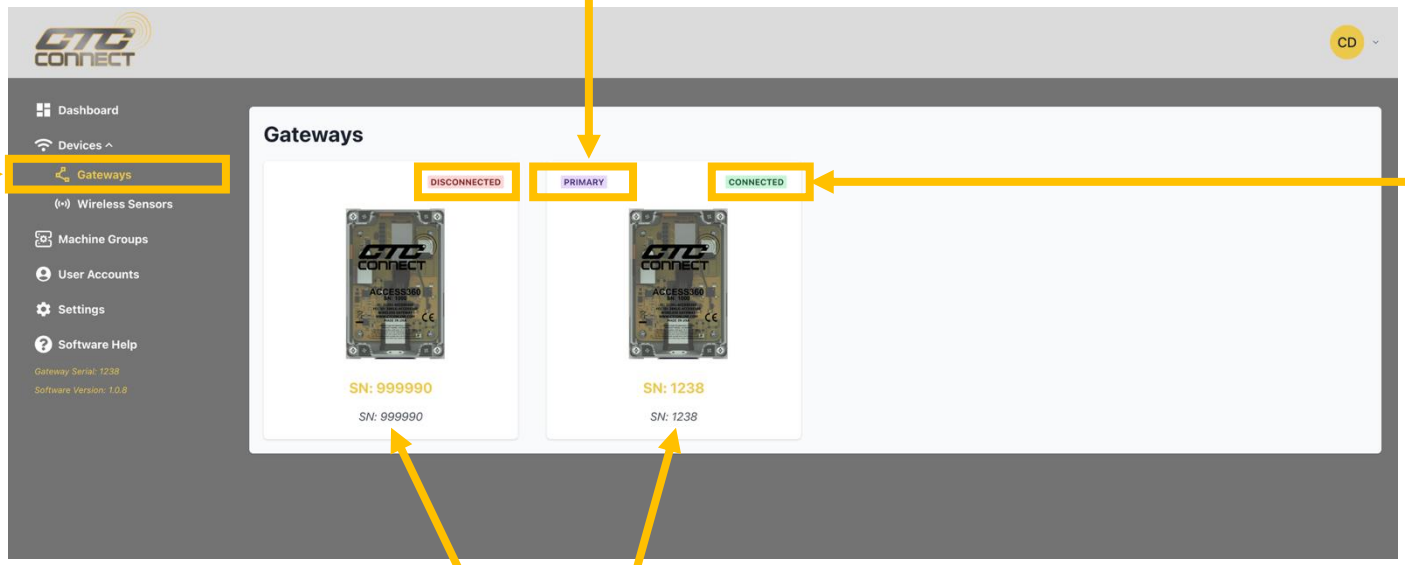
Use the dropdown to toggle between acceleration (g or m/s^2) and velocity (in/s or mm/s)

Use the Export to CSV button to download your Waveform data.

Devices - Gateway

Primary gateway will be labeled

View all your gateways at a glance



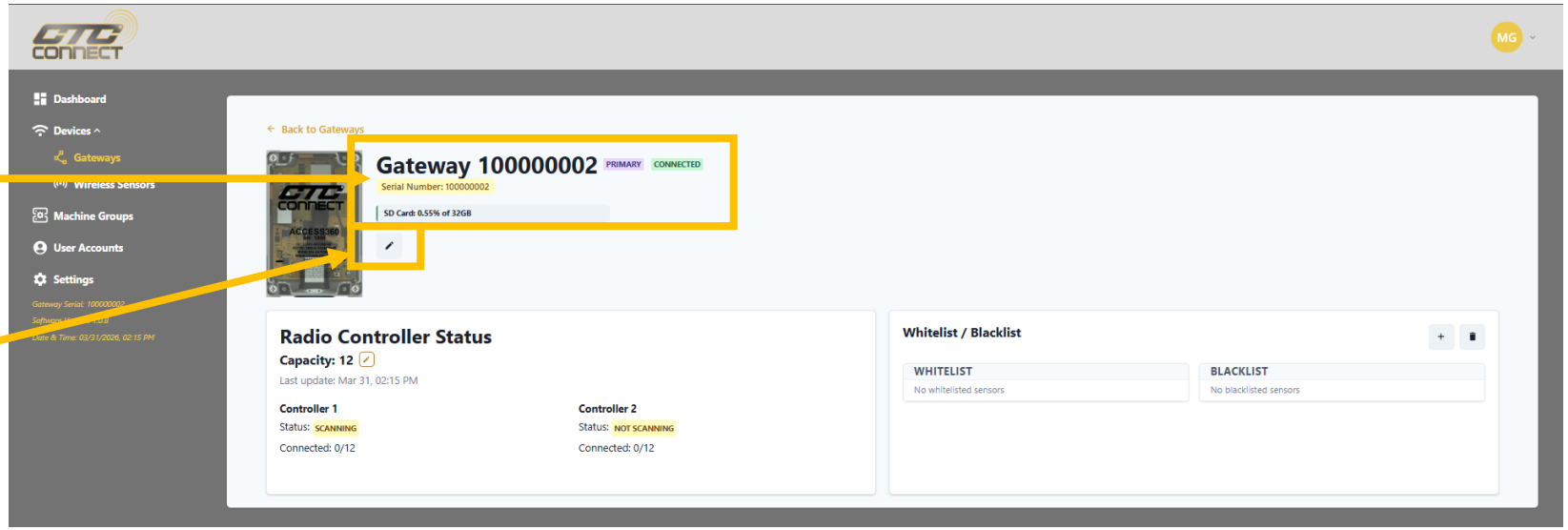
Gateways will be labeled connected or disconnected

Click on any gateway to view its page

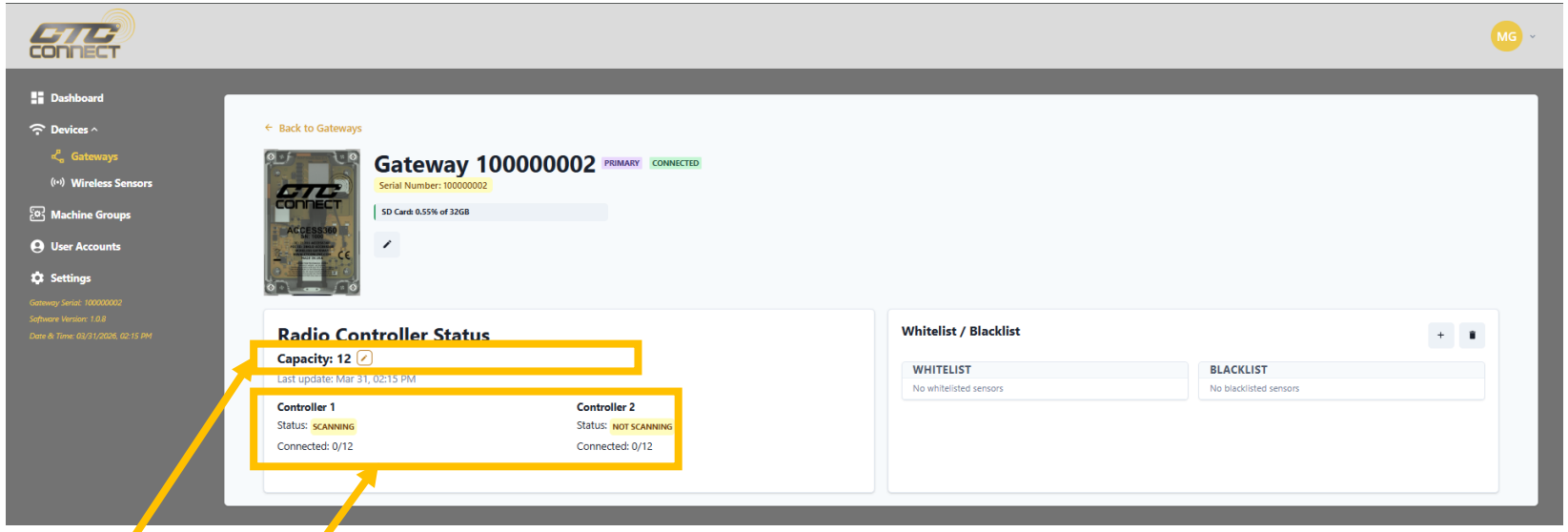
Gateway Page

View basic gateway info

Edit gateway name



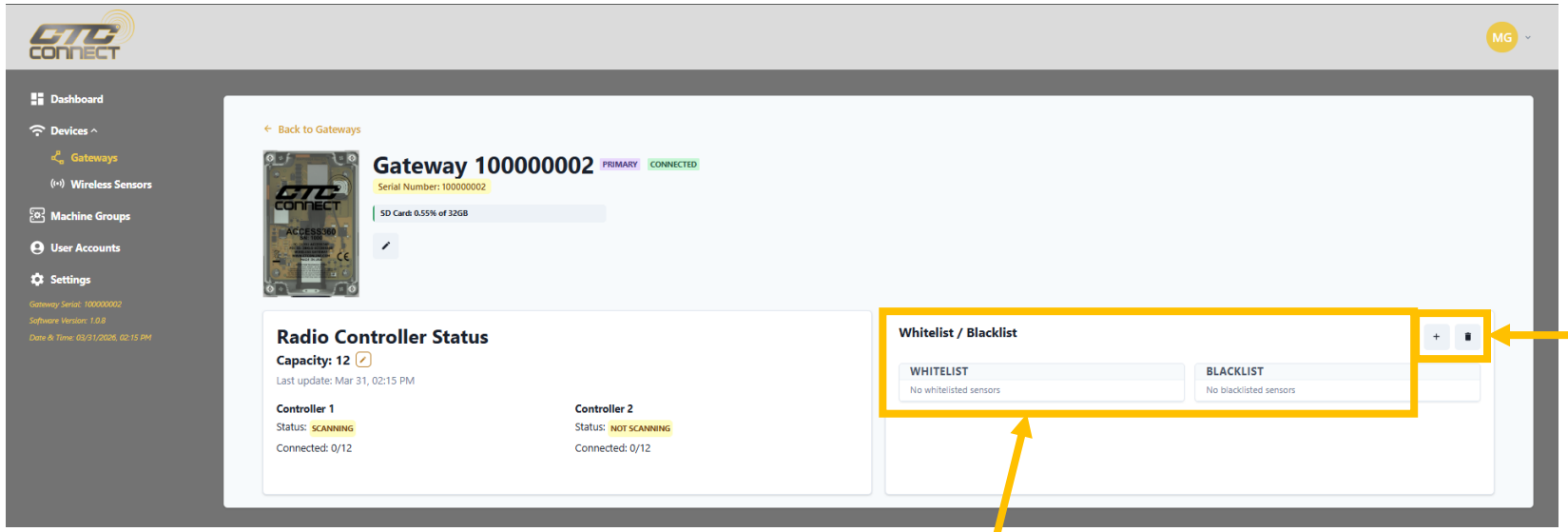
Gateway Page



View and edit the capacity of the radio controllers

View the current status of each controller and how many sensors are connected to each controller.

Gateway Page



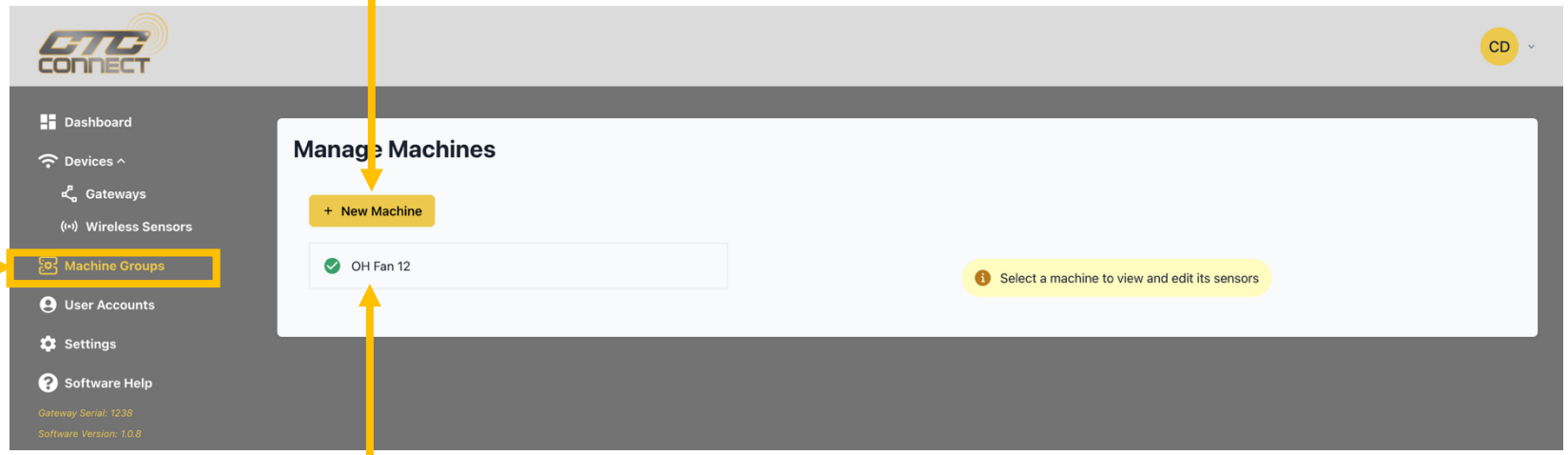
Add or remove whitelisted or blacklisted sensors

View what sensors are currently whitelisted and blacklisted

Machine Groups

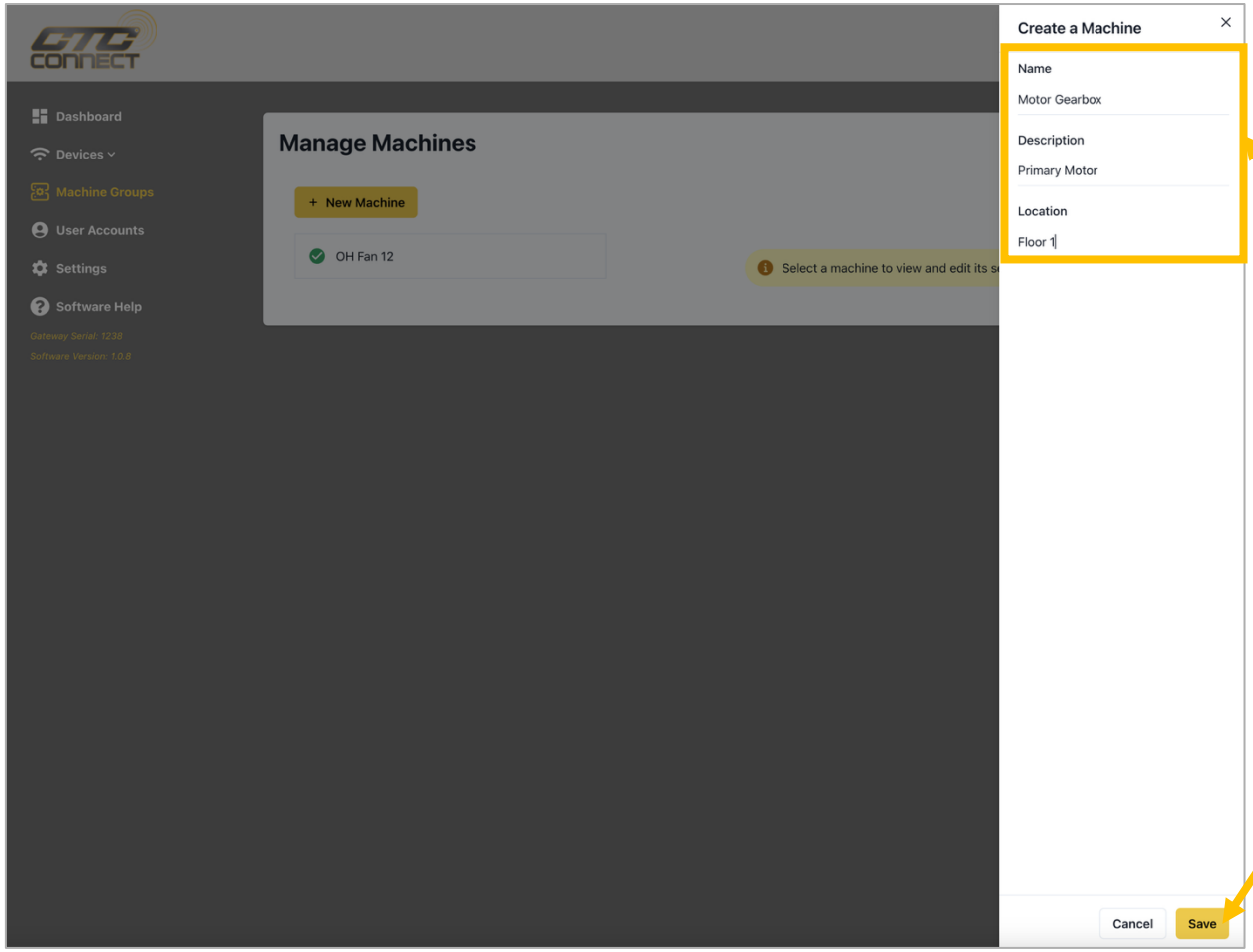
Click New Machine to create a machine group

View and create machine groups



Click on an existing machine group to view and edit

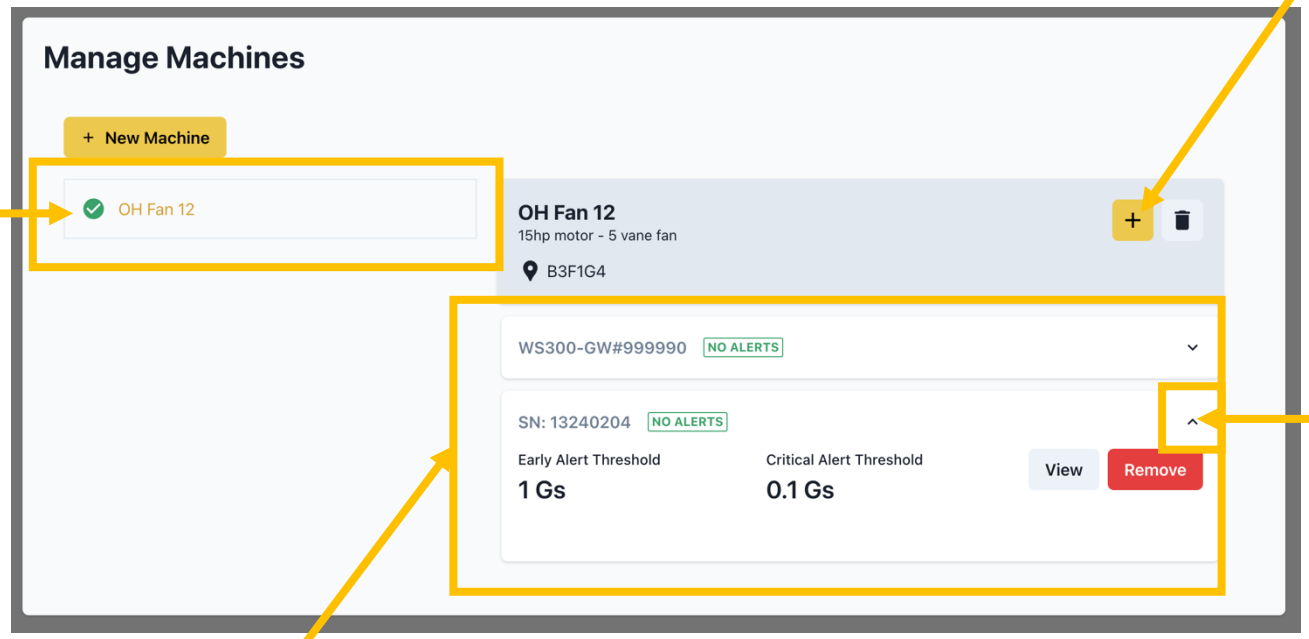
Machine Groups



To create a new machine, click the New Machine button, then enter a machine name, description, and location and click Save

Machine Groups

Click on a machine group on the left to view and manage it



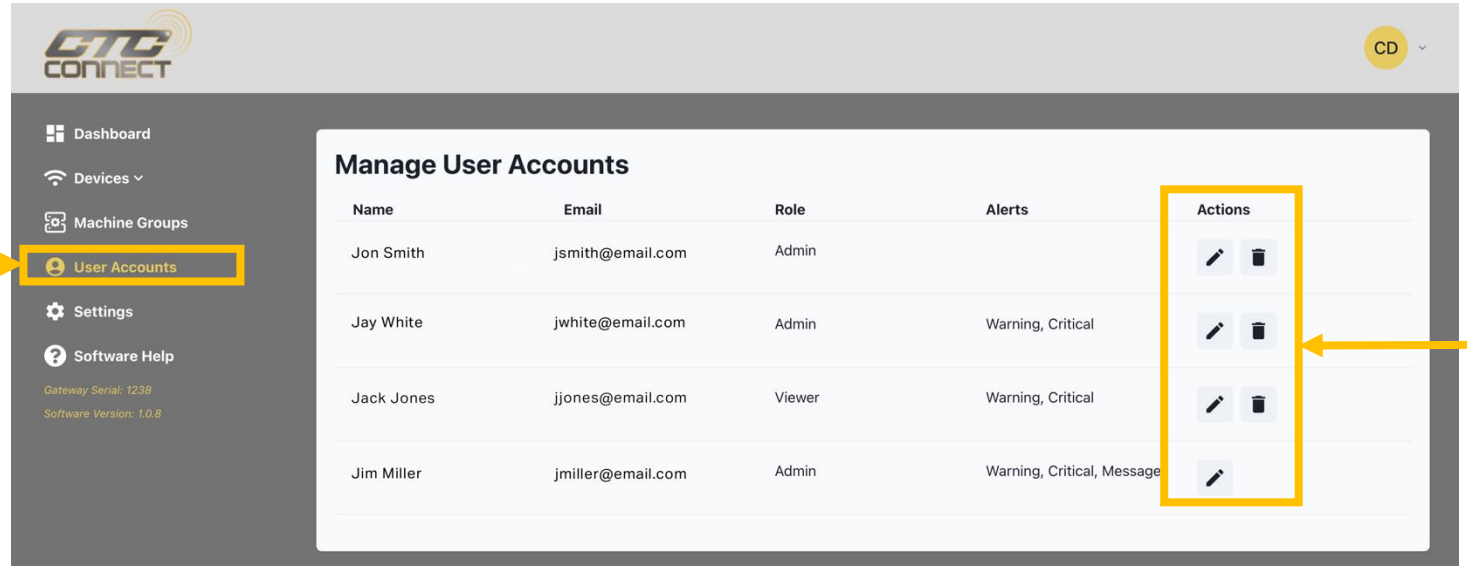
Click the yellow + button to add a sensor to the machine group

Use the arrow button in the right corner to view sensor alert info

All the sensors assigned to the machine group will appear here

User Accounts

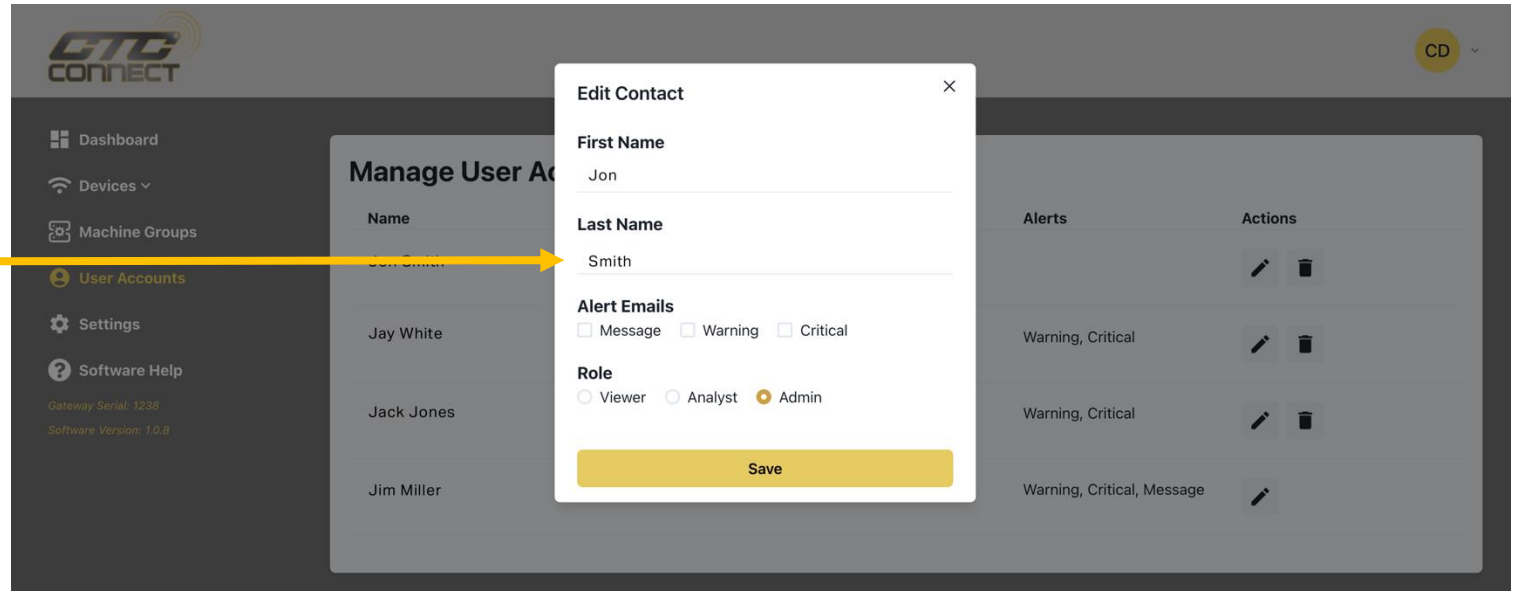
View all user accounts



Use these buttons to edit user permissions or remove users

User Accounts

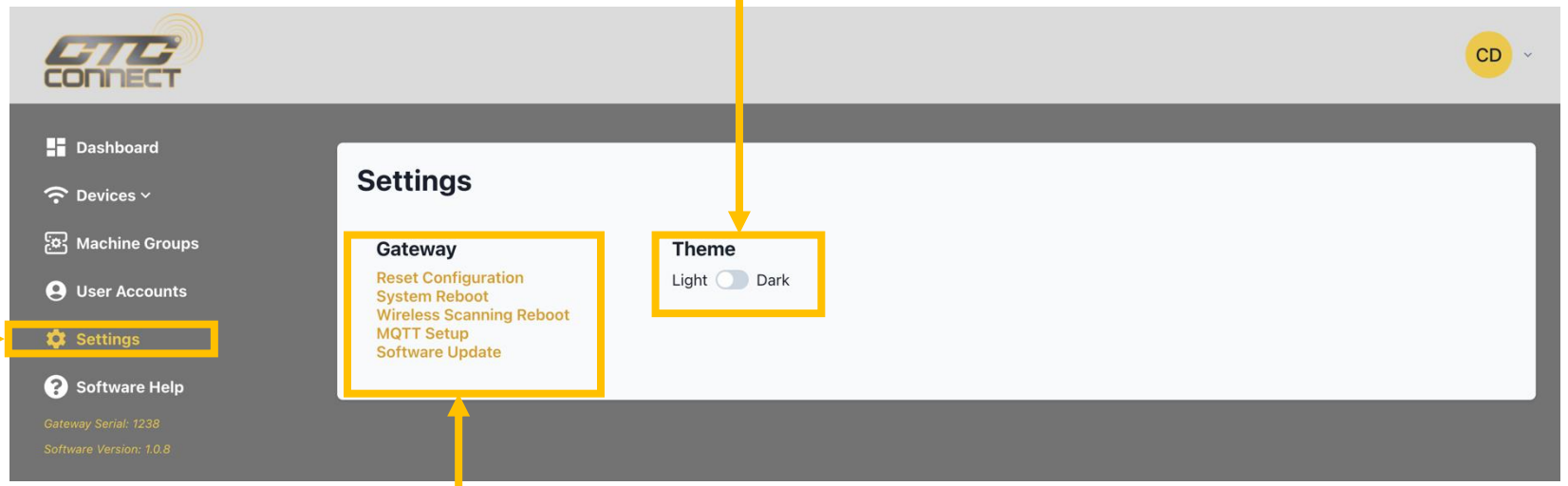
Edit user info including name, alerts, and role



Settings

Select light or dark theme

View settings



Use these links to adjust gateway settings

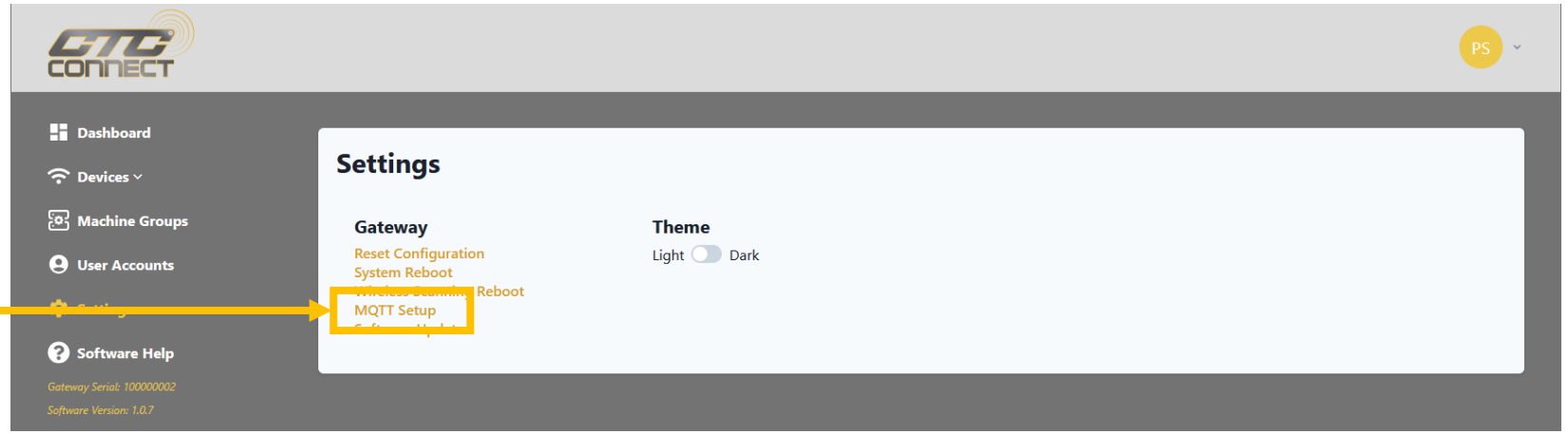
MQTT IoT Protocol

This feature allows you to host your own MQTT broker and seamlessly receive information from your CTC Connect Gateways.

Whether you prefer to host your MQTT broker locally or in your cloud, both options are supported.

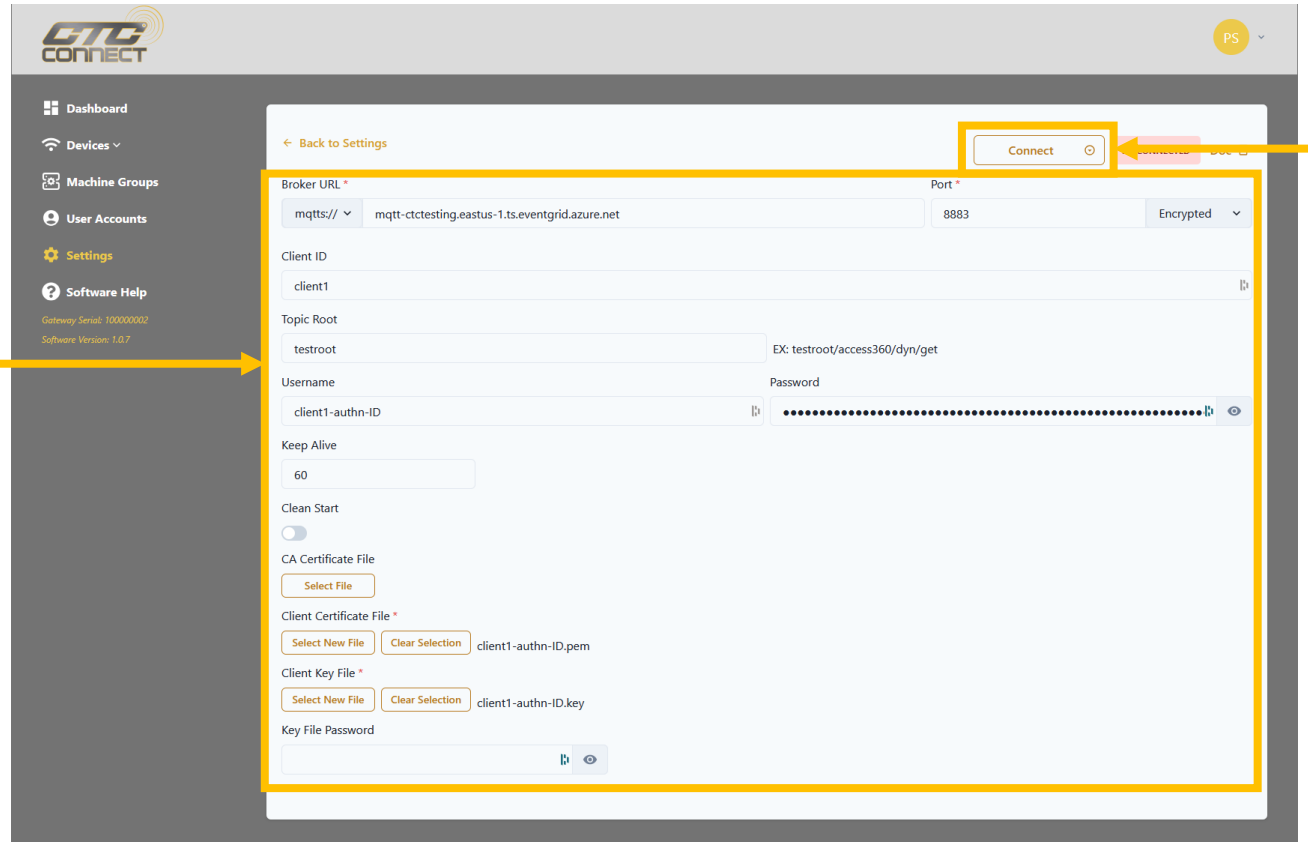
On the Settings screen, Click MQTT Setup

(please note, gateway software version must be updated to the most current version to setup the MQTT)



MQTT IoT Protocol

Enter your Broker information



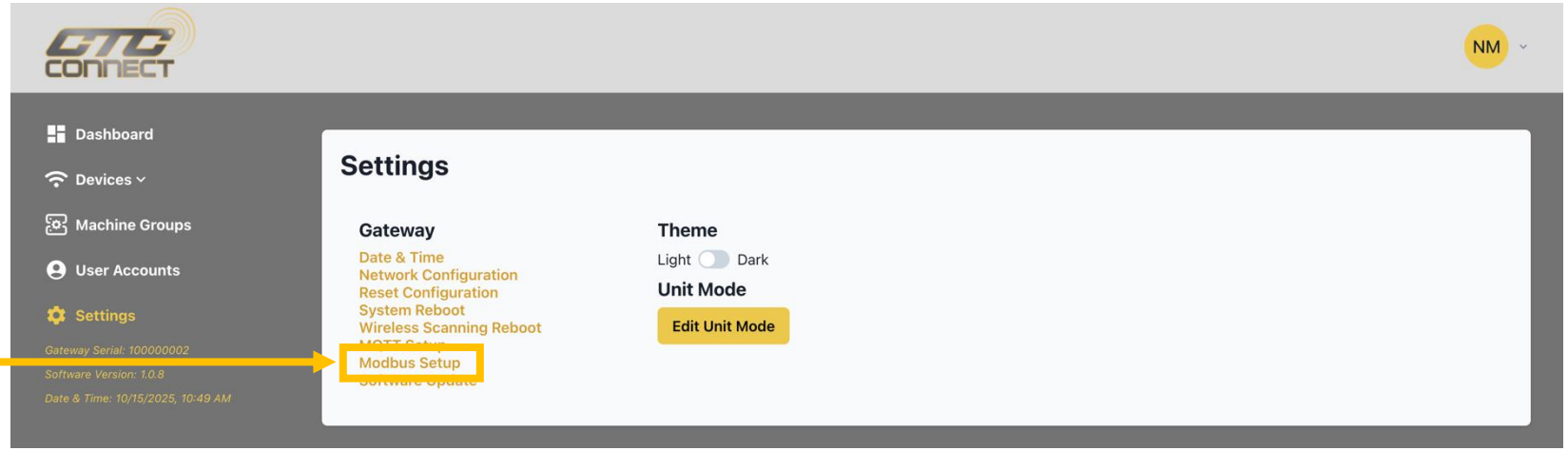
Then click Connect

Modbus Protocol

Modbus is a protocol for communicating with Industrial Control Systems over Ethernet TCP.

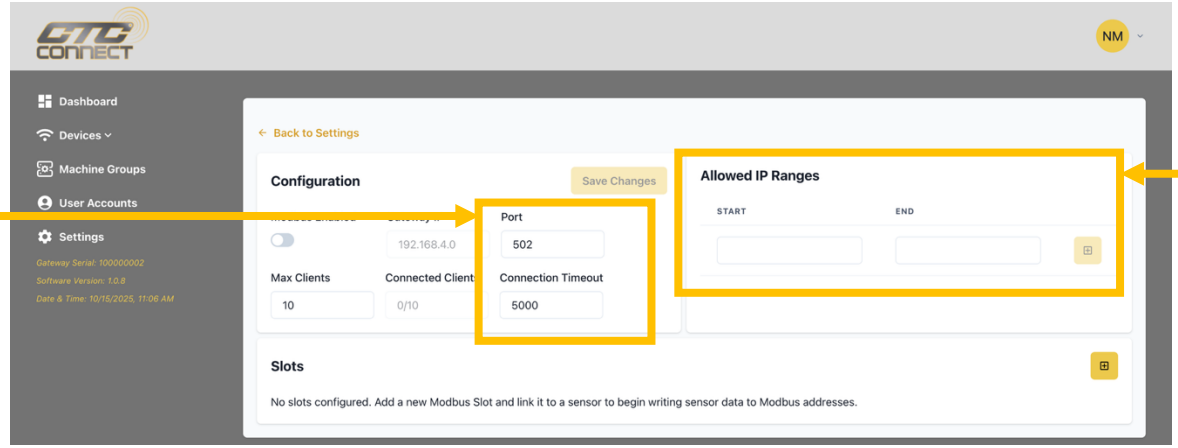
On the Settings screen, Click Modbus Setup

(please note, gateway software version must be updated to the most current version to setup Modbus)



Modbus Protocol

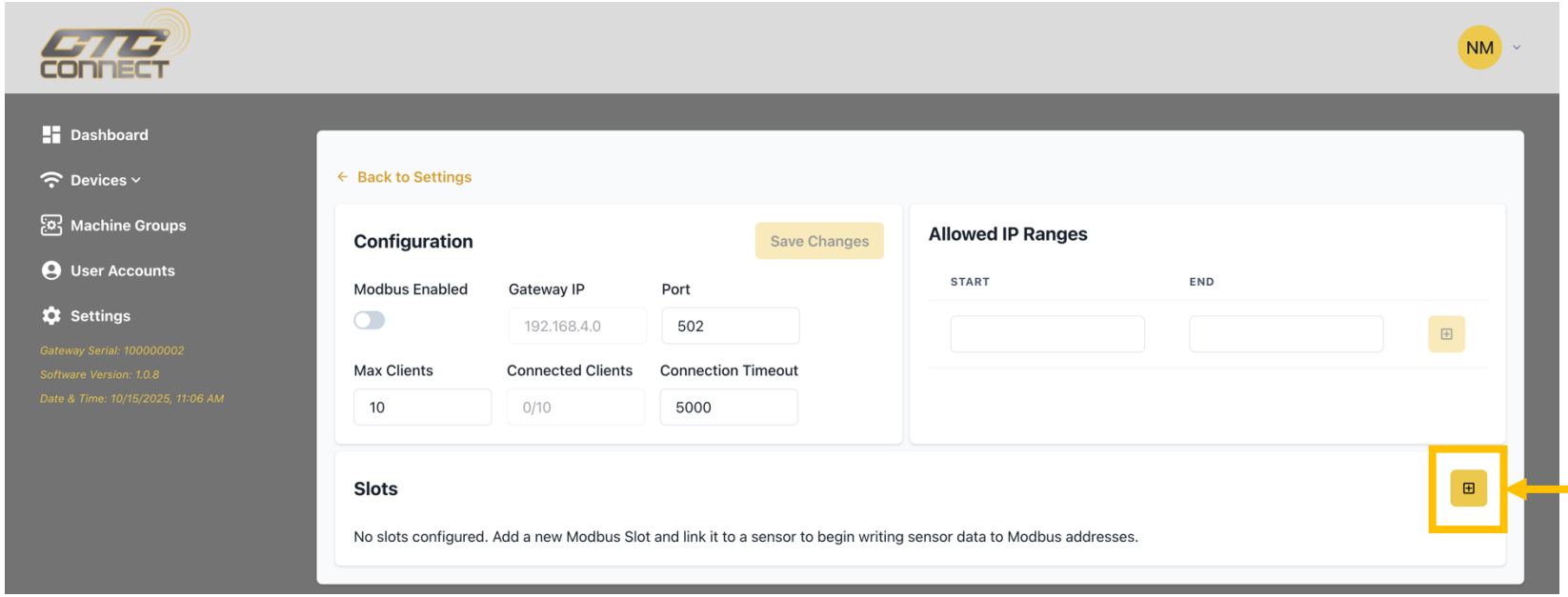
Specify the required parameters such as Port, Connection Timeout, and other relevant options.



Optionally, you can enable IP range filter for additional access control.

Modbus Protocol

To determine which sensors are exposed through Modbus, create a slot.

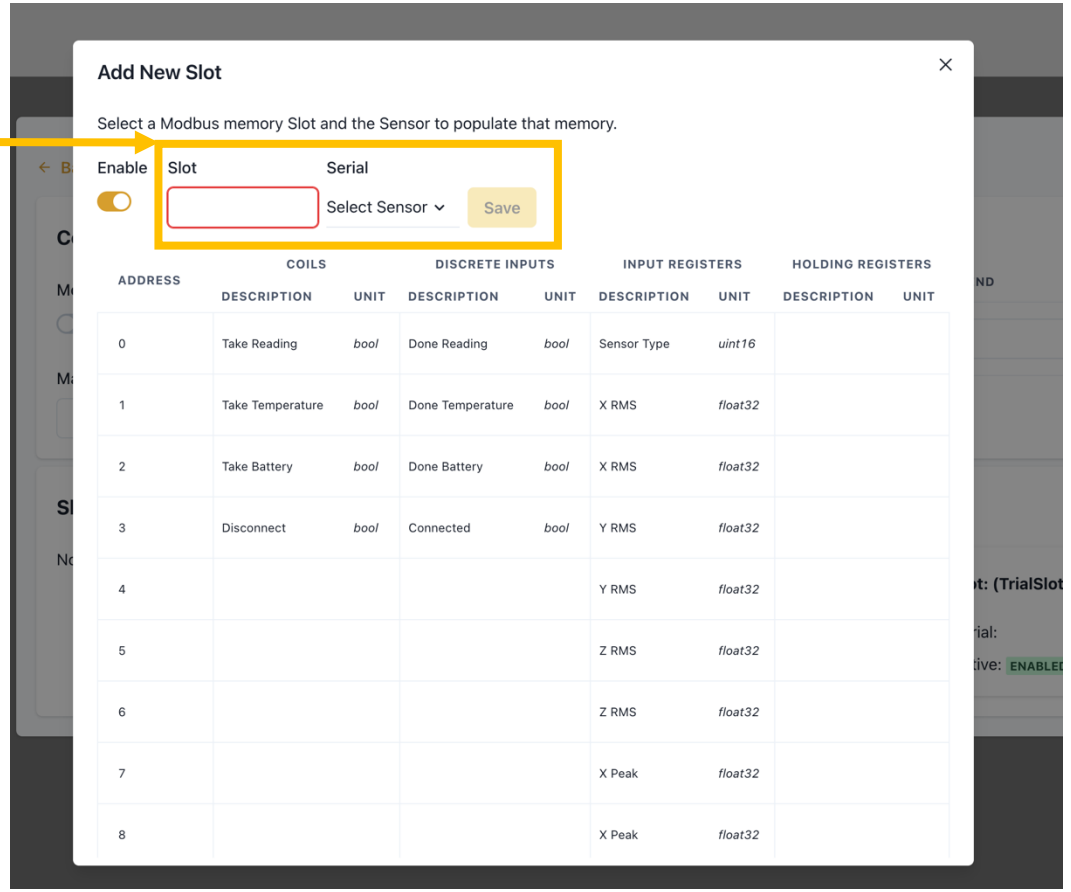


Click the “plus” button to add a slot.

Modbus Protocol

To determine which sensors are exposed through Modbus, create a slot.

Enter an integer ID and a selected sensor



A slot represents a group of 48 consecutive addresses, which corresponds to the data displayed in the UI table.

This structure ensures organized mapping of sensor information for efficient Modbus communication.

Once slot is selected, the addresses on the left of the table will update to show where data is being mapped to.

Click here to view address maps

Connect with CTC

We look forward to hearing from you

www.ctconline.com

sales@ctconline.com

(585) 924-5900

Connection Technology Center

Need Additional Technical Support?

Need additional technical support for issues or questions about the Connect Wireless ecosystem?

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.

Submit
Connect Wireless
Technical Support Request