

# CONNECTVIEW™ WEB APP OVERVIEW

# What Is The ConnectView™ Web App?

CTC's complimentary ConnectView™ Web App comes preloaded on the ConnectBridge™ Gateway and offers basic vibration tools and device management functionality, including:

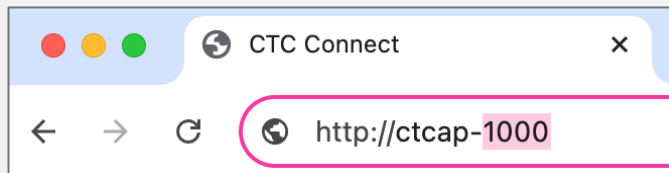
- Configure WS200 and WS300 Series Sensor (Please note, WS100 is factory configurable only)
- Nickname sensors
- Set critical and early alert values which can be viewed through the ConnectView™ Web App
- Create machine groups
- View battery life
- Request readings on demand (WS200 & WS300 only)
- View 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

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

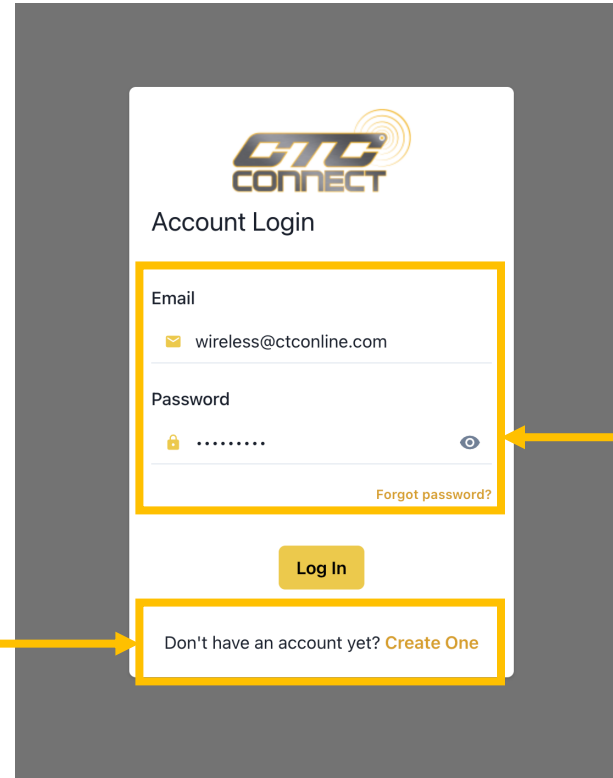


*Gateway must be powered on  
to load web app*



# Logging In

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



The screenshot shows the CTC Connect Account Login page. At the top is the CTC Connect logo. Below it is the title "Account Login". There are two input fields: "Email" with the value "wireless@ctconline.com" and "Password" with masked characters. A "Forgot password?" link is located below the password field. A yellow box highlights the email and password fields. Below the fields is a yellow "Log In" button. At the bottom, there is a link that says "Don't have an account yet? [Create One](#)". A yellow box highlights this link. A yellow arrow points from the left text box to the "Create One" link, and another yellow arrow points from the right text box to the password field.

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

# Dashboard

The screenshot displays the CTC Connect dashboard interface. On the left is a navigation sidebar with options: Dashboard, Devices, Gateways, Wireless Sensors, Machine Groups, User Accounts, Settings, and Software Help. The main content area is divided into three sections:

- Alerts:** Shows a single alert for SN: 11240204 with a peak value of 11.01 Gs. The alert is categorized as 'Warning' and 'Critical'.
- Trends:** A table showing vibration data for five sensors. The 'Variation Values' dropdown is set to 'Peak'. The table includes columns for Sensor ID, SN, Peak, and Alert Status.
- Favorite Devices:** Displays two sensors: a Process Control Sensor (SN: 11240185) and a Dynamic Sensor (SN: 11240204).

Sensor	SN	Peak	Alert
Patrick Test Sensor	SN: 11240185	1.72 Gs	Y
Patrick Test Sensor	SN: 11240187	1.54 Gs	X
Patrick Test Sensor	SN: 11240190	1.59 Gs	Z
SN: 11240204	SN: 11240204	0 Gs	Z
SN: 11240185	SN: 11240185	0 Gs	Y

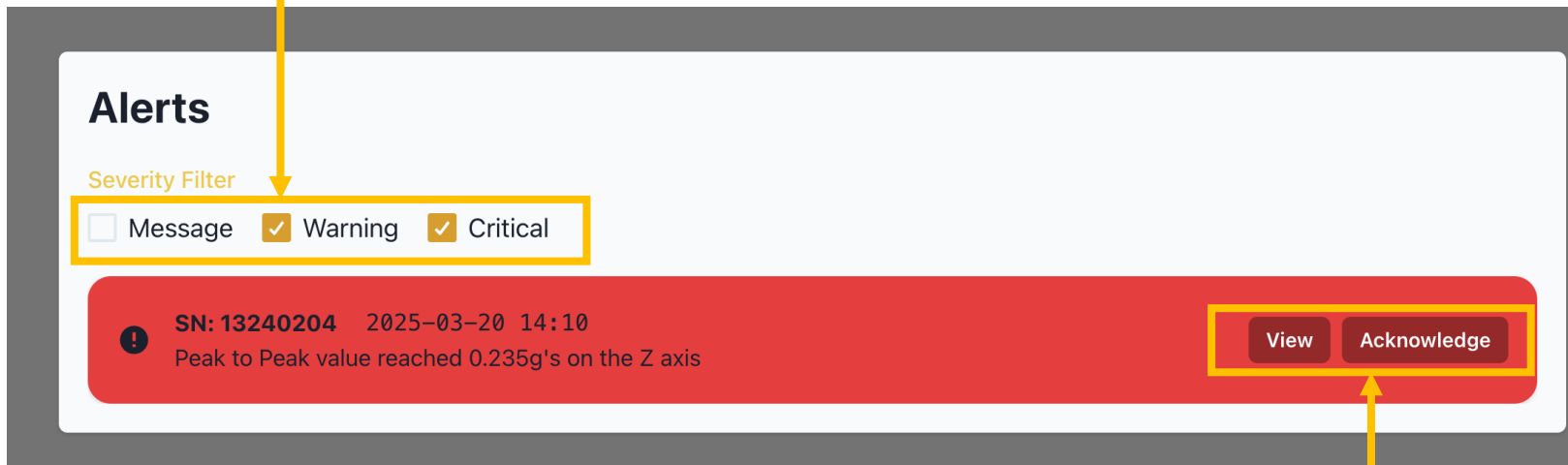
The dashboard shows

- ➔ Alerts
- ➔ Trends
- ➔ Favorite Devices



# Alerts

Use the check boxes to select what alerts to display



The screenshot shows a user interface for managing alerts. At the top left, the word "Alerts" is displayed in bold. Below it is a "Severity Filter" section containing three checkboxes: "Message" (unchecked), "Warning" (checked), and "Critical" (checked). A yellow box highlights these checkboxes, with a yellow arrow pointing from the text above to the "Warning" checkbox. Below the filter is a red alert card. The card contains an exclamation mark icon, the text "SN: 13240204 2025-03-20 14:10", and "Peak to Peak value reached 0.235g's on the Z axis". To the right of the card are two buttons: "View" and "Acknowledge". A yellow box highlights these buttons, with a yellow arrow pointing from the text below to the "Acknowledge" button.

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

Trends				
Vibration Value				
	RMS	Peak	Peak to Peak	Axis
<input checked="" type="checkbox"/> Peak RMS Peak to Peak	1.72 Gs	-3.8 Gs	11.01 Gs	Y
Patrick Test Sensor SN: 13240149 Since: Mon Mar 10 2025 NA	per day	per day	per day	
Patrick Test Sensor SN: 13240149 Since: Mon Mar 10 2025 NA	1.54 Gs	-1.26 Gs	10.39 Gs	X
per day	per day	per day	per day	
Patrick Test Sensor SN: 13240149 Since: Mon Mar 10 2025 NA	1.59 Gs	0.94 Gs	10.57 Gs	Z
per day	per day	per day	per day	
SN: 13240204 SN: 13240204 Since: Mon Mar 10 2025 OH Fan 12	0 Gs	0.01 Gs	0.02 Gs	Z
per day	per day	per day	per day	
SN: 13240185 SN: 13240185 Since: Mon Mar 10 2025 NA	0 Gs	0.01 Gs	0 Gs	Y
per day	per day	per day	per day	


Click on any trend to view the sensor's page

# Favorites

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


### Favorite Devices

#### Process Control Sensors



SN: 13240185  
WS100  
SN: 13240185

#### Dynamic Sensors

CONNECTED  


SN: 13240204  
WS200  
SN: 13240204



# Devices - Sensors

View all your sensors at glance

**Process Control Sensors**

SN	Model	SN	Model	SN	Model	SN	Model	SN	Model
13240185	WS100	44240408	WS100	44240435	WS100	44240434	WS100	44240436	WS100
44240424	WS100	44240494	WS100	44240402	WS100	44240482	WS100	44240441	WS100

**Dynamic Sensors**

Label	Model	Name	SN
DISCONNECTED	WS300		13240075
DISCONNECTED	WS300	Patrick Test Sensor	13240149
CONNECTED	WS200		13240204

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 screenshot shows the WS100 Sensor Page interface. At the top left is a back arrow and the text "Back to Wireless Sensors". The main title is "Process Control 13240185". Below the title are four data points: "Serial: 13240185", "Part: WS100", "Firmware: 5.5.5.C.D", and "Gateway: 999990". Below these is a battery icon showing "85%" and "Last Check In: 3/19/2025, 10:13:00 AM". There are three action icons: a star, a pencil, and a trash can. Below the icons are two alert setting cards: "Critical Alert Setting Not set" and "Early Alert Setting Not set", each with a three-dot menu icon in the top right corner. To the right are three more cards: "Reading Interval 12 Hours", "Machine Not set", "Dynamic Range +/- 32g", "Operation Mode Acceleration", and "Frequency Range 10Hz - 1kHz".

*The other specs shown are not user-configurable for WS100*



# WS100 Sensor Page

View and set alerts

## Alerts

Severity Filter

Message  Warning  Critical

Found No Alerts

Most recent measurement will be displayed here

## Measurements

Temperature: 14°C

AXIS	RMS	PEAK	PEAK TO PEAK
X	0.018 g's	-0.066 g's	0.113 g's
Y	0.018 g's	-0.072 g's	0.138 g's
Z	0.018 g's	0.065 g's	0.132 g's

Last Reading: 3/19/2025, 9:13:00 AM

03/19/2025

9:13:00 AM

Calculate trend over a specified period

## Trending

Start Date

End Date

Unit

Axis

Peak

Z

Calculate

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

The screenshot shows the sensor page for a WS200 sensor. At the top, there is a navigation bar with a back arrow and the text "Back to Wireless Sensors". Below this is a header section containing a small image of the sensor, the serial number "SN: 13240204" with a "CONNECTED" status, and a row of metadata: "Serial: 13240204", "Part: WS200", "Firmware: 2.2.0.C.D", and "Gateway: 1238". A battery icon shows "100%" charge. Below the header is a row of action icons: a star (favorite), a pencil (edit), a plug (disconnect), and a trash can (remove). The main content area is a grid of six configuration cards, each with a title, a value, and a three-dot menu icon in the top right corner. The cards are: "Critical Alert Setting" (0.1 Peak to Peak), "Early Alert Setting" (1 RMS), "Reading Interval" (12 Hours), "Machine" (OH Fan 12), "Dynamic Range" (+/- 32g), and "Reading Options" (Fmax: 2500Hz / Res: 1Hz). A yellow box highlights the header and action icons. A yellow box highlights the configuration cards. A yellow box highlights the "Take Reading" button. A yellow box highlights the "Take Reading" button. A yellow box highlights the "Take Reading" button.

SN: 13240204 **CONNECTED**

Serial: 13240204 Part: WS200 Firmware: 2.2.0.C.D Gateway: 1238

100%

⚙️ ⚙️ ⚙️ ⚙️

<b>Critical Alert Setting</b> 0.1 Peak to Peak	<b>Early Alert Setting</b> 1 RMS	<b>Reading Interval</b> 12 Hours
<b>Machine</b> OH Fan 12	<b>Dynamic Range</b> +/- 32g	<b>Reading Options</b> Fmax: 2500Hz / Res: 1Hz

Take Reading

# WS200/WS300 Sensor Page

View and set alerts

## Alerts

Severity Filter

Message  Warning  Critical

Found No Alerts

Most recent temperature measurement will be displayed here

## Temperature

21°C

3/20/2025, 10:10:00 AM

## Measurements

03/20/2025

12:00 AM

11:59 PM

Search

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 period of the selected day

# WS200/WS300 Sensor Page

**Temperature**

21°C

3/20/2025, 10:10:00 AM

**Measurements**

03/19/2025 12:00 AM 11:59 PM

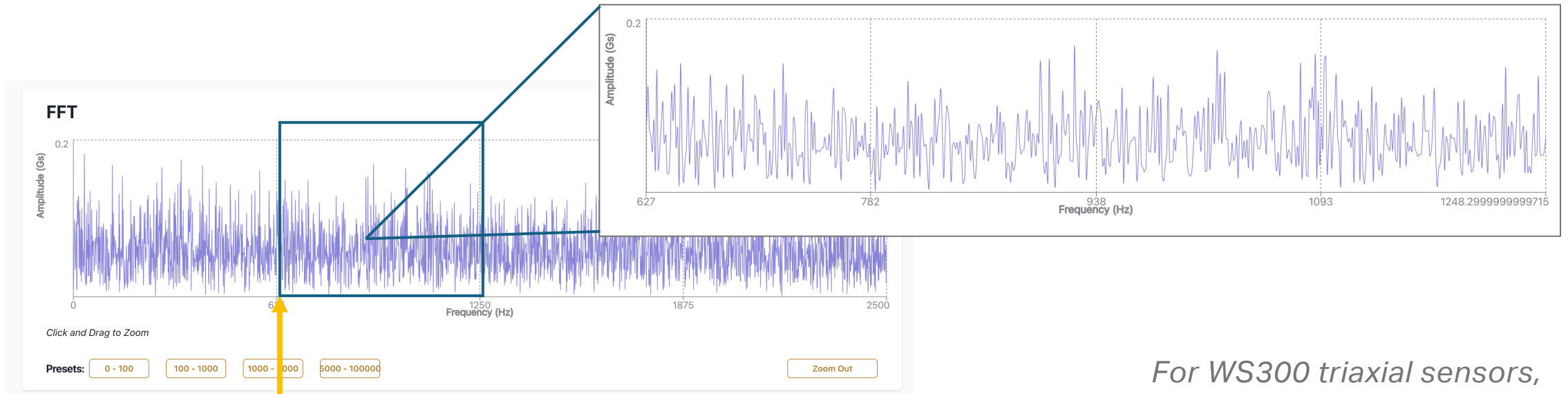
04:37 PM  
04:12 PM  
12:42 PM  
12:41 PM  
09:18 AM  
08:20 AM

AXIS	RMS	PEAK	PEAK TO PEAK
Z	0.032 g's	0.133 g's	0.252 g's

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.

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.

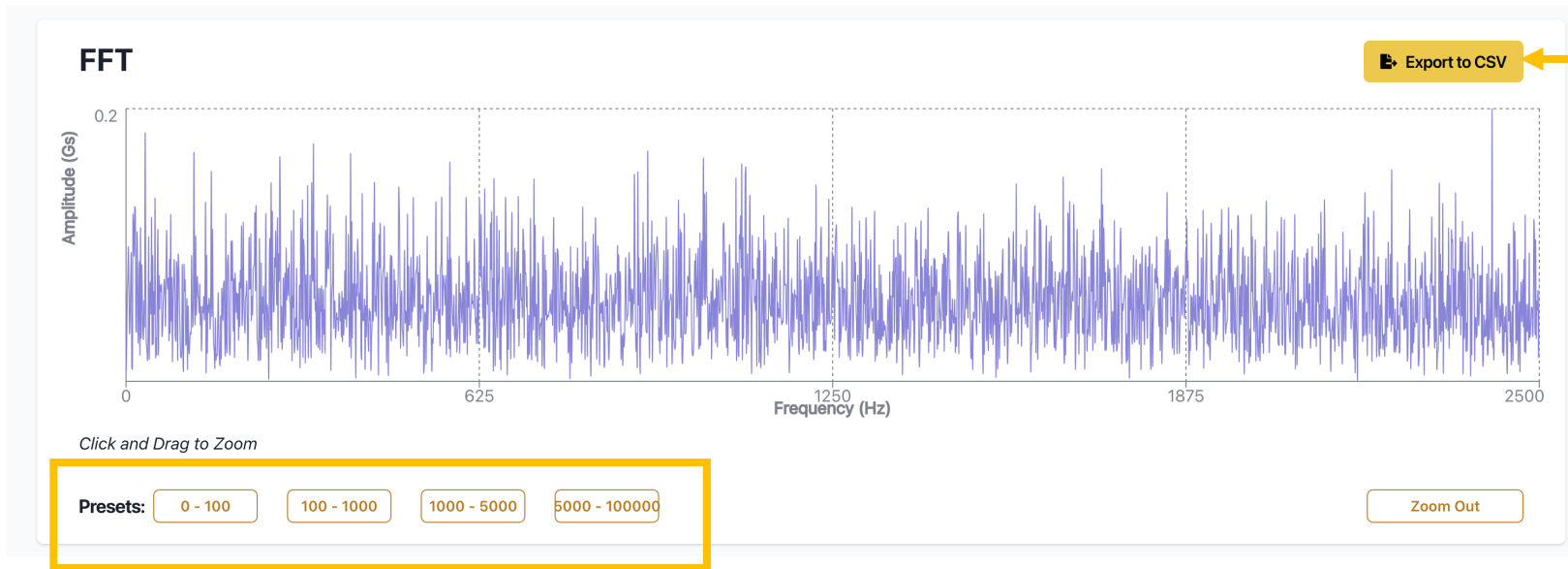
# WS200/WS300 Sensor Page



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

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

# WS200/WS300 Sensor Page

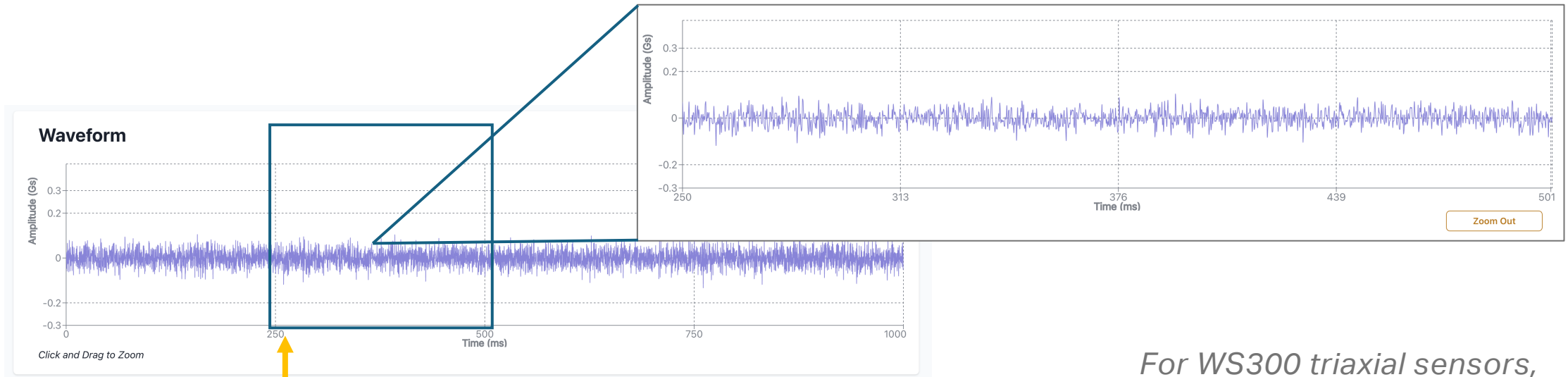


Use the Export to CSV button to download your FFT data.

Select from preset zoom levels for popular bands



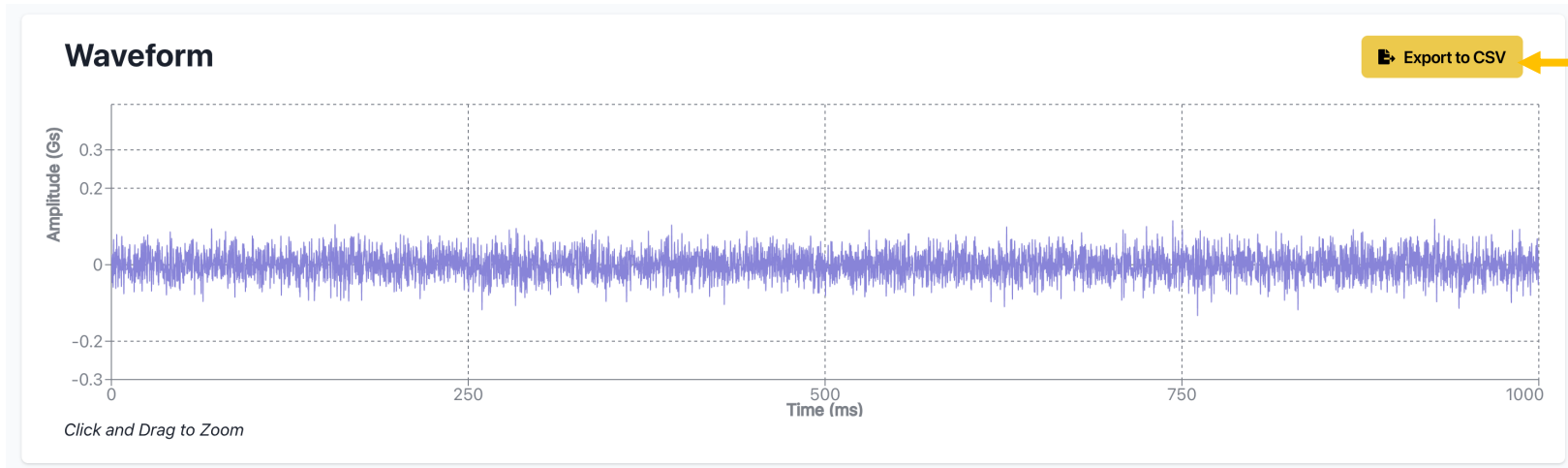
# WS200/WS300 Sensor Page



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

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

# WS200/WS300 Sensor Page



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

# Devices - Gateway

View all your gateways at a glance

Primary gateway will be labeled

Gateways will be labeled connected or disconnected

Click on any gateway to view its page

# Gateway Page

The screenshot shows a user interface for a gateway. At the top left, there is a link labeled "← Back to Gateways". Below this is a hardware image of a "CONNECT ACCESS300" gateway. To the right of the image, the text "Gateway 1238" is displayed in a large font, followed by the status "PRIMARY" in purple and "CONNECTED" in green. Below the name, the text "Serial: 1238" is shown. A small edit icon (a pencil) is located below the serial number. Two callout boxes with yellow arrows point to these elements: one points to the gateway name and status area, and the other points to the edit icon.

View basic gateway info

← Back to Gateways

**Gateway 1238** PRIMARY CONNECTED

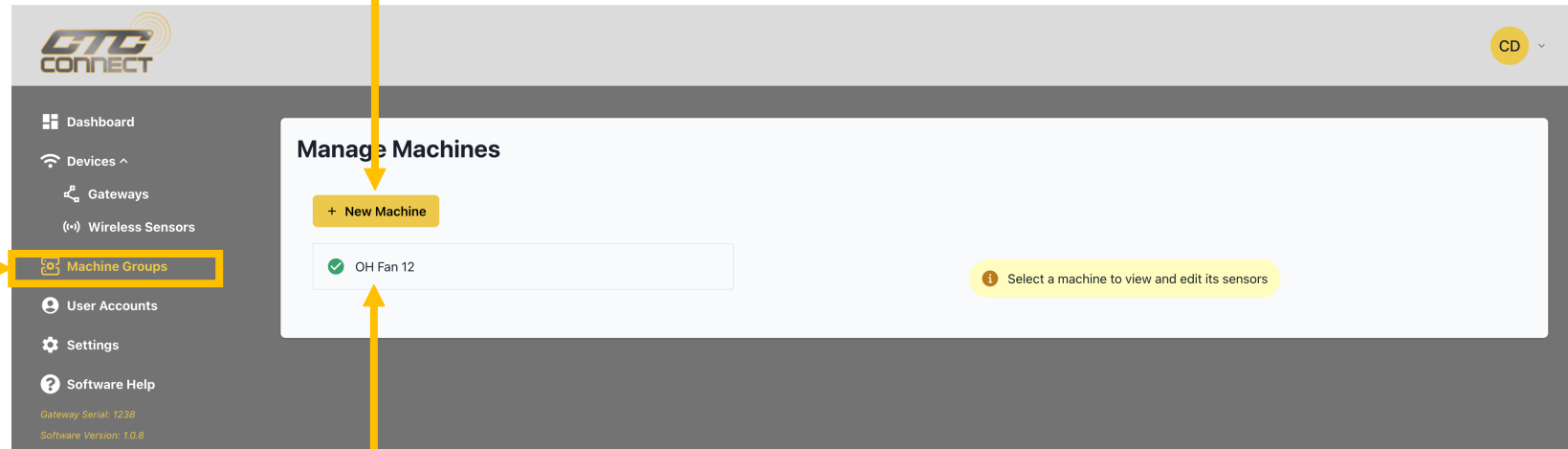
Serial: 1238

Edit gateway name

# 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

The screenshot shows the CTC Connect web interface. On the left is a navigation menu with items: Dashboard, Devices, Machine Groups (highlighted), User Accounts, Settings, and Software Help. The main content area is titled 'Manage Machines' and contains a '+ New Machine' button and a list of machines, including 'OH Fan 12'. A 'Create a Machine' dialog box is open on the right, with a yellow border. The dialog has fields for 'Name', 'Motor Gearbox', 'Description', 'Primary Motor', 'Location', and 'Floor 1'. At the bottom of the dialog are 'Cancel' and 'Save' buttons. A yellow arrow points from the 'Save' button to a text box on the right.

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

The screenshot displays the 'Manage Machines' interface. At the top left, there is a '+ New Machine' button. Below it, a list of machine groups is shown, with 'OH Fan 12' selected and highlighted by a yellow box. To the right of the list, a detailed view of the 'OH Fan 12' machine group is shown. This view includes the machine name 'OH Fan 12', a description '15hp motor - 5 vane fan', and a location 'B3F1G4'. Below this, there are two sensor entries: 'WS300-GW#999990' and 'SN: 13240204', both with 'NO ALERTS' status. The 'SN: 13240204' entry shows 'Early Alert Threshold 1 Gs' and 'Critical Alert Threshold 0.1 Gs'. At the bottom right of the sensor entry, there are 'View' and 'Remove' buttons. A yellow box highlights the 'View' button. In the top right corner of the machine group view, there is a yellow '+' button and a trash icon. A yellow box highlights the '+' button.

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

CTC CONNECT

CD

- Dashboard
- Devices
- Machine Groups
- User Accounts**
- Settings
- Software Help

Gateway Serial: 1238  
Software Version: 1.0.8

### Manage User Accounts

Name	Email	Role	Alerts	Actions
Jon Smith	jsmith@email.com	Admin		
Jay White	jwhite@email.com	Admin	Warning, Critical	
Jack Jones	jjones@email.com	Viewer	Warning, Critical	
Jim Miller	jmiller@email.com	Admin	Warning, Critical, Message	

Use these buttons to edit user permissions or remove users



# User Accounts

Edit user info including name, alerts, and role

The screenshot shows the GTC Connect web interface. On the left is a navigation sidebar with options: Dashboard, Devices, Machine Groups, User Accounts (highlighted), Settings, and Software Help. The main area is titled 'Manage User Accounts' and contains a table of users. An 'Edit Contact' modal is open over the first user, 'Jon Smith'. The modal contains fields for 'First Name' (Jon) and 'Last Name' (Smith), 'Alert Emails' (checkboxes for Message, Warning, Critical), and 'Role' (radio buttons for Viewer, Analyst, Admin). A 'Save' button is at the bottom of the modal. The background table shows the following data:

Name	Alerts	Actions
Jon Smith	Warning, Critical	[Edit] [Delete]
Jay White	Warning, Critical	[Edit] [Delete]
Jack Jones	Warning, Critical	[Edit] [Delete]
Jim Miller	Warning, Critical, Message	[Edit]

# Settings

Select light or dark theme

View settings

CTC CONNECT

CD

Dashboard

Devices

Machine Groups

User Accounts

Settings

Software Help

Gateway Serial: 1238  
Software Version: 1.0.8

### Settings

#### Gateway

- Reset Configuration
- System Reboot
- Wireless Scanning Reboot
- MQTT Setup
- Software Update

#### Theme

Light  Dark

Use these links to adjust gateway settings

# Connect with CTC

We look forward to hearing from you

