3502 FC Gateway and 3561 FC Vibration Sensor(s)

Step-by-step tutorial
1. Ensure that your network settings are configured per the Fluke Connect Network Requirements

2. Confirm that a Wi-Fi network is available (2.4 GHz)

3. Note your network name and password

4. Install the Fluke Connect app from the Google Play Store (on Android) or the App Store (on iOS)

5. Login to the Fluke Connect app

6. Unbox the 3502 FC Gateway and the 3561 FC Vibration Sensor(s)

7. Place the Gateway and the Sensor(s) no more than one foot apart while doing the in-app setup
On your mobile device, launch the Fluke Connect App and select “Set Up Logging Or Monitoring.”

Select “Vibration Sensors.”
This page provides the Vibration Setup Overview. After reviewing the steps, select “Start Session Setup.”

3561 FC Vibration Sensor and 3502 FC Gateway
Step-by-step tutorial

Plug the Gateway into a power outlet and enable Bluetooth on your smart device.

Vibration Setup Overview

Step 1
Connect the Gateway and Sensors
Connect the Gateway and Sensors to the Fluke Connect Cloud.

Step 2
Configure the Sensors
Adjust your sensor settings and associate assets with your sensors.

Step 3
Verify Sensor Setup and Start Remote Monitoring
Begin monitoring assets remotely and capture measurements to the Fluke Connect Cloud

Step 4
Install the Sensors

START SESSION SETUP ➔

Connect the Gateway

Step 1 of 4
Connect the Gateway and Sensors
Plug the Gateway into a nearby power outlet and enable Bluetooth on your mobile device.

CONTINUE ➔
Ensure that your handheld device is within four (4) inches from the Gateway to allow seamless Bluetooth connection.
3561 FC Vibration Sensor and 3502 FC Gateway

Step-by-step tutorial

Select the Wi-Fi network that the Gateway will use to connect to the Fluke Connect Cloud. If this is your initial setup, select “New Network” and enter your network name (SSID), network password and WPA2 protocol.
The screen will provide connection status updates (Loading, Connecting, Authenticating, Provisioning Device, Monitoring, Provision Completed or OK).
When the Gateway provisioning has completed, hold your smart device within four (4) inches of the sensor you plan to install. From the list of detected sensors, check the box associated with the sensor you wish to install and select “Continue with (#) sensors.”
Enter your company details.

COMPANY DETAILS

Company Name
Fluke Corporation

Company Address
3561 FC Vibration Sensor and 3502 FC Gateway

Step-by-step tutorial

This is the terminology overview for reference. Please **DO NOT physically install the sensors yet.** If you wish to skip this information in the future, please check the box on the bottom screen. Select “Continue.”
Select “Asset or Test Point.” This is where you will specify the type of equipment that your sensor(s) will be monitoring.
This screen shows asset assignment for your reference. Select “Continue.”
Tap on the three dots and select “Add Asset.”

Asset Groups serve as a file-folder system which allows you to categorize and organize your equipment. If your machine doesn’t fall under a specific group, select “Add Asset.” By default, equipment added this way will be saved in “Ungrouped Assets.”
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Step-by-step tutorial

This page allows you to set the health status of your asset. If you believe your asset is within normal working conditions, select “Normal” and then “Save.”
Make your asset selection and confirm via the radio button. Select “Save & Continue.”
Tap “Machine Category”, make your selection and then tap the back button on the top left of your device to return to the previous screen.
The next step will take you through alarm setup. Tap on “Configure Vibration Alarms.” Alarm thresholds are calculated automatically based on the information you provide and are triggered when the vibration severity reaches what may be an unsatisfactory level. This is also where you select “Notification Recipients.”
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This screen provides an overview of the configured sensor. Select “Continue.”

Verify sensor setup and then select “Install Sensors” on the bottom right hand of the screen.
Temporarily place the sensor on your asset to verify that the Gateway and Sensor are within Wi-Fi and Bluetooth coverage proximity. Upon confirmation, install the sensor on your asset using the included epoxy and select “Finish Setup.”

Once sensor installation is complete, select “Yes.” If you have not installed all the sensors on your asset, select “No.”
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Select “Go To Home Screen.”

On the Home screen, scroll to the bottom and select “View Active Monitoring Sessions.”
If you have multiple sessions, the most recent session will be on top. Tapping anywhere in the “Monitoring in Progress” section will take you to the session data and graphs.