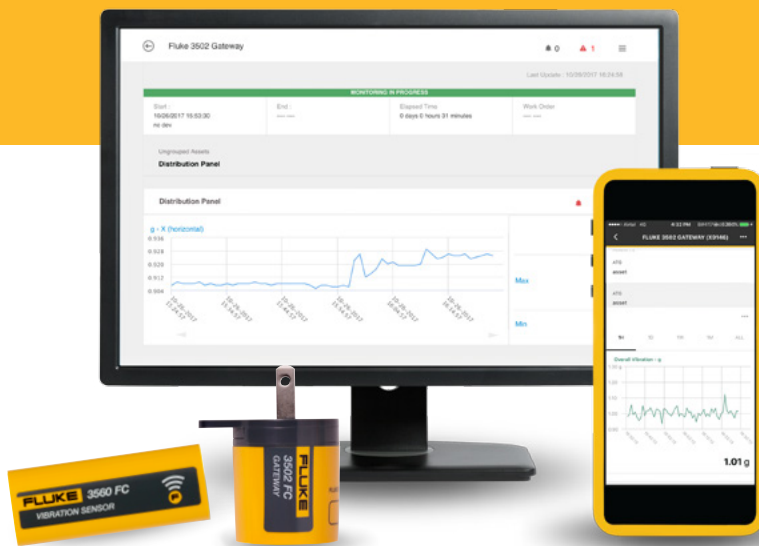


# Detect vibration faults before a failure

Most reliability and maintenance managers have a wish list: minimal equipment downtime, maximum productivity, and access to real-time equipment data to monitor asset health. When it comes to equipment vibration, there's a better technology to monitor assets through wireless vibration monitoring in order to stay on top of condition changes, without the need of vibration experts.

With the wireless Fluke 3560 FC Vibration Sensor you can easily detect machine faults to prevent equipment breakdowns. The Fluke 3560 FC Vibration Sensor can capture data every second from key machine measurement points. The vibration sensors are designed to integrate with Fluke Connect® Condition Monitoring software, enabling you to receive alarms based on predefined thresholds, remotely monitor assets, and trend your asset data on graphs.



## How does it work?

Prior to the Fluke 3560 FC Vibration Sensor, reliability and maintenance personnel had four options for proactive maintenance. They could train an employee to become an in-house vibration expert, hire a vibration consultant, contract with a third-party service, or install a fixed monitoring system.

# 6

## Six key advantages of the Fluke 3560 FC Vibration Sensor

There are several ways vibration monitoring can positively impact your proactive maintenance program.

- 1. Reduce downtime:**  
Avoid unexpected downtime and associated expense of repairs or replacement.
- 2. Predict equipment failure:**  
Notice vibration abnormalities sooner, and fix failures at an earlier stage.
- 3. Make data-driven decisions:**  
Collect historical equipment data and capture recurring wear patterns to anticipate trends.
- 4. Minimize costs:**  
A cost-effective solution for capturing all measurement-related data in a single system
- 5. Avoid hiring vibration specialists:**  
The vibration sensor is easy to install on virtually any machine and runs on battery power with a three-year life span.
- 6. Access hard-to-reach monitoring points:**  
Screen vibrations from hard-to-access measuring points of critical equipment.

The Fluke 3560 FC Vibration Sensor allows you to monitor critical equipment for a fraction of the cost, while providing you with the necessary data to make maintenance decisions. You're able to monitor more assets in a scalable, economical way that's less dependent upon experts.

Data from the vibration sensor seamlessly integrates into Fluke Connect software when using the Fluke 3502 FC Gateway. This empowers users to diagnose unpredictable faults by viewing measurements before, during and after an equipment event. Alarms can be set to notify technicians via their mobile phones when there is a conditional change in the vibration data, allowing teams to take immediate action to look into the issues.

### **A comprehensive picture of asset health**

The Fluke 3560 FC Vibration Sensor is a part of the Fluke Sensors family within the Fluke Accelix™ ecosystem of connected solutions. Delivering the next-generation of data-driven maintenance for today's operations, Fluke Sensors pair rugged electrical, temperature, power quality, and now vibration monitoring sensors with the Accelix cloud-based management tools.

**Learn more about Fluke Connect here:**  
[www.flukeconnect.com](http://www.flukeconnect.com)

**Accelix. No Barriers.**

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