APPLICATION NOTE

Top 5 benefits of vibration monitoring

Screening is an economical way to monitor assets by automating data collection

Keeping up with routes and maintenance needs on a growing number of aging assets can be difficult. Daily emergencies and a shrinking labor force make it hard to keep equipment running optimally.

Vibration screening allows teams to triage the health of assets, analyze and diagnose the identified asset, and perform the right corrective action at the right time. Installing the Fluke 3561 FC Vibration Sensor on equipment allows you to spend less time taking manual readings and more time addressing problems.

1. Screen quickly, act quickly

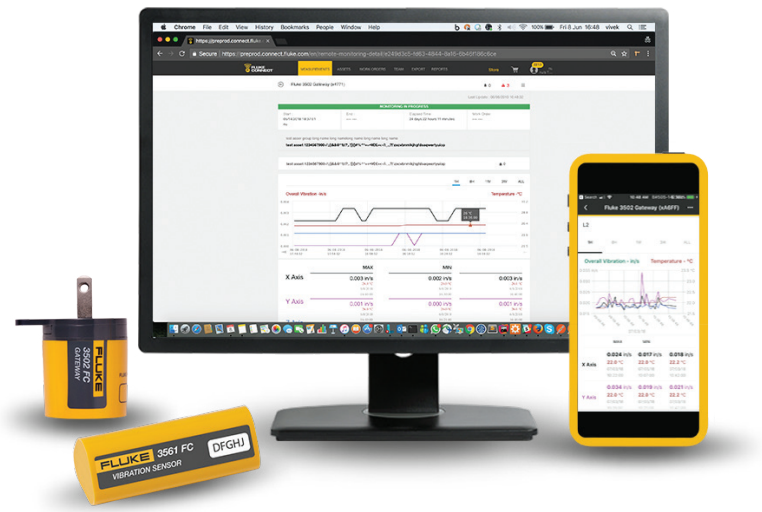
Expanding your maintenance program to include condition monitoring tools gives you deeper, more actionable insights. The 3561 FC is a simple, scalable solution that can be installed in any location, including hard-to-reach or hazardous areas. Set up asset screening in under an hour and start viewing data within minutes after connection.

2. Organize information for data-driven decisions

Using the Fluke ConnectTM Condition Monitoring (FCCM) software with vibration sensors ensures that all data is organized and next-step decisions can be made efficiently. Use FCCM software to wirelessly collect real-time information, seamlessly revisit historical trends and graph data for further analysis.

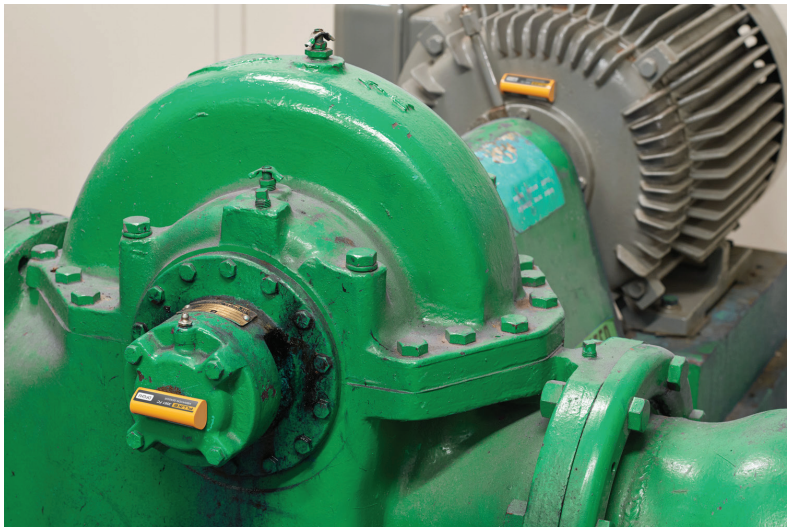
3. Receive alarms

FCCM software generates alarms when abnormalities occur based on 37 machine categories. If the asset experiences conditional changes based on the Fluke Overall Vibration Severity scale, the FCCM software sends instant alarms to smart devices. Alarms can also be seen in the web app. Teams receive push notifications that alert maintenance workers before asset failure.



4. Identify potential failures early

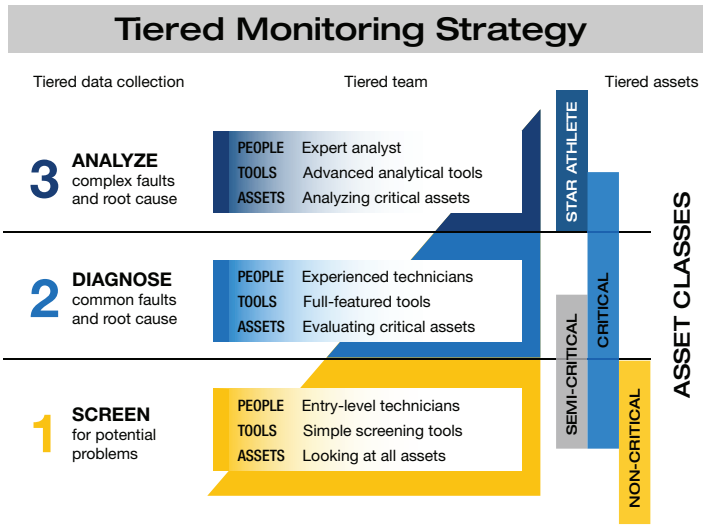
Scheduled maintenance consumes time and labor, potentially diverting resources to unnecessary tasks. The new vibration sensor screens for the four most common faults — imbalance, misalignment, bearing wear and looseness. Using the 3561 FC, you and your reliability team are forewarned of issues.



5. Reduce maintenance spend

Cost savings isn't just about completing fewer routes or ensuring more asset uptime. The 3561 FC allows you to focus spending, use outside expertise more efficiently, minimize paperwork and automatically aggregate data in one place.

To learn more about vibration monitoring, please call our sales team or visit Fluke.com.



In-depth analysis for complex faults to compare, trend, analyze, root cause, and correct the fault

Diagnose fault, severity and severiy score and find repair recommendation

Automate data collection and recieve warnings to screen the health of your machinery based on alarms

Screening, diagnosing, and **analyzing** are all forms of vibration monitoring. **Vibration screening** offers the greatest initial value by providing a simple scalable solution to extend asset coverage, reduce routes and minimize labor costs.

Learn more about Fluke Connect here: www.fluke.com

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