

**FLUKE**®

Reliability

# Fluke Connected Reliability Services

Fluke Reliability provides an end-to-end connected reliability solution, powered by an expert services team

Our experienced service experts are equipped with:



Depth of knowledge



On-site + remote availability



Powerful IIoT platform and analytics tools



Breadth of services

# Fluke Connected Reliability Services

At Fluke Reliability, we thrive on tackling industry challenges head-on to keep your world up and running. In an increasingly connected world, we provide intelligence to help our customers monitor and manage their assets and data with connected reliability solutions.

**Many reliability programs fail because they:**

- Lack a total solution that can cover every stage of the reliability journey
- Lack expert consultancy, asset assessment, and implementation planning
- Lack trained experts in data analytics who can recommend specific actions

The Fluke Reliability services team can help you through these challenges from the start so you can implement a successful connected reliability program. Experience the benefits of monitoring and managing your whole suite of assets—and not just a critical few.

**Fluke Reliability provides an end-to-end connected reliability solution, powered by an expert services team**

- Installation and Configuration
- CMMS Integration
- Sets up success from the start

**ACTIVE ASSISTANCE**

- Asset Criticality Assessment
- Strategy Selection
- Tailored solutions for specific needs
- Operational Excellence Audit



- Roll Alignment
- Geometrical Measurement
- Shaft Alignment
- Turbo Machinery Alignment
- Precision Balancing
- Vibration Analysis
- Remote Condition Monitoring
- Ultrasound Detection
- Motion Amplification
- Repair & Calibration

**ON-DEMAND EXPERTISE**

- In-person and remote training in 15 countries
- 200+ public and customized training courses per year
- Enables long-term success





**Roll Alignment with PARALIGN**



Suitable for measuring roll misalignment that can cause inefficiency and quality issues

- Measures entire machine quickly and accurately
- Presents instant results with clean graphics

**Geometrical Measurement**



Suitable for complex industrial geometric alignment of various machine elements

- Measures absolute positioning in a three-dimensional space
- Combines with roll alignment for a comprehensive analysis

**Shaft Alignment**



Suitable for measuring rotating axes of coupled shafts in various sizes and length

- Measures and aligns shafts in various sizes with ease
- Applies to multi-train shaft alignment

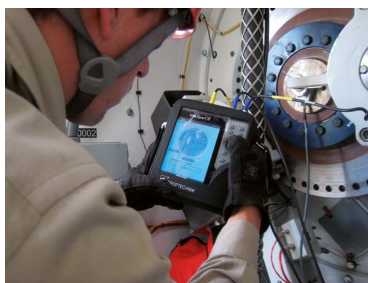
**Turbo Machinery Alignment**



Suitable for measuring internal components in steam and gas turbo machinery

- Measures bearings, casings, blade carriers, and diaphragms inside turbines
- Gives high-speed and precise measurements of key parts

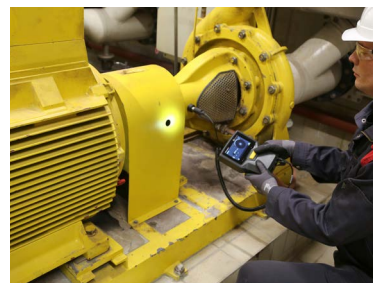
**Precision Balancing**



Suitable for balancing rotating equipment

- Reduces equipment wear caused by unbalancing
- Enables longer equipment lifecycles

**Vibration Analysis**



Suitable for troubleshooting rotating machines

- Monitors and detects early signs of equipment failure to ensure timely responses
- Enables well-planned maintenance actions

## Remote Condition Monitoring



Suitable for continuous monitoring of assets with varying criticality

- Monitors conditions of a suite of assets
- Discovers underperforming machines
- Provides reports, analysis, and actionable recommendations

## Ultrasound Detection



Suitable for detecting leaks in air or gas pipes and vacuum systems

- Detects signs of wear and tear of rolling bearings
- Sends automatic evaluations instantly
- Inspects electrical discharge

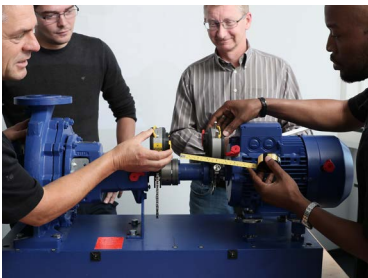
## Motion Amplification



Suitable for obtaining root cause analysis quickly

- Amplifies the slightest machine movement to be visible to the naked eye
- Shares root cause analysis and corrective actions quickly

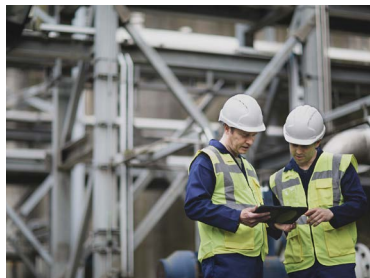
## Training



Suitable for gaining industrial knowledge and product trainings

- Tailored trainings with a wide range of topics and geographic coverage
- Available on site and remotely
- Offers vibration certification training

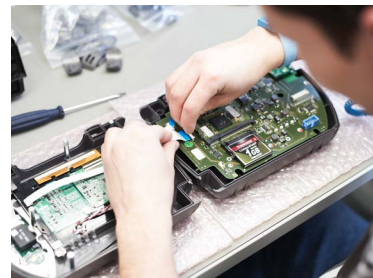
## Consulting



Suitable for obtaining industry best practices and evaluation from experts

- Assesses asset criticality and offers reliability strategy recommendations
- Shares expert advice, industry knowledge, and best practices

## Repair & Calibration



Suitable for periodic calibration to ensure accuracy and performance

- Offers quick responses to repair equipment and resolve issues
- Provides expert-level calibration, repair, and recommendations

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 05/2021 6013926-en

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