



JOHN CRANE SENSE® MONITOR

Remote vibration monitoring for rotating equipment

Customer benefits

Eliminate blind spots between inspections

Continuous digital monitoring reveals asset performance between routine inspections, helping identify developing issues early.

Reduce unplanned downtime

Early detection of equipment health anomalies enables timely intervention before failures occur.

Lower maintenance costs

Move from reactive maintenance to condition-based maintenance, reducing emergency repairs, labour costs and unplanned shutdowns.

Improve equipment reliability

Continuous asset health insights support improved reliability, longer equipment life and more effective maintenance planning.

Enable faster decision-making

Clear dashboards, near real-time alerts and actionable insights help maintenance and operations teams prioritise activities and respond with confidence.

Monitor remote and hazardous assets safely

Wireless sensors provide visibility into difficult-to-access locations while reducing the need for manual inspections.

Simplify condition monitoring deployment

Battery-powered wireless sensors enable rapid installation without the complexity and cost associated with wired systems.

Support digital transformation initiatives

A scalable monitoring solution that helps organisations advance Industry 4.0 strategies and asset reliability programmes.



Product description

John Crane's wireless condition-monitoring solution for rotating equipment delivers continuous asset health insights across a wide range of industrial applications.

Battery-powered wireless sensors measure only vibration and temperature on assets such as pumps, motors, gearboxes and change to other rotating equipment. Data is securely transmitted to a cloud-based platform, providing near-real-time visibility of equipment condition and enabling predictive maintenance strategies while reducing unplanned downtime.

It is particularly suited to facilities where asset uptime is critical, including oil and gas, power generation, mining, chemicals and manufacturing operations.



Key operational benefits

John Crane Sense Monitor combines wireless sensing technology, cloud-based analytics and expert reliability support to help customers improve asset performance and maintenance effectiveness.

Gain complete asset visibility

Battery-powered wireless sensors continuously measure vibration, temperature and condition data, providing asset visibility without the cost and complexity of traditional wired systems. Sensors are certified for hazardous environments and can be deployed across large facilities and remote locations.

Secure data transmission and scalable deployment

Sensors communicate through John Crane Sense Monitor Gateways using secure, low-power wireless protocols that support reliable long-distance communication. Whether deployed with a handful of sensors or across multiple sites, the system provides a scalable foundation for condition monitoring as operational requirements evolve.

Cloud-based insights for informed maintenance decisions

The John Crane Sense Monitor Platform consolidates and visualises asset health information through intuitive dashboards, trend analysis and automated alerts. Maintenance teams can quickly identify anomalies, prioritise work and plan interventions before failures occur.

Gain expert reliability support when needed

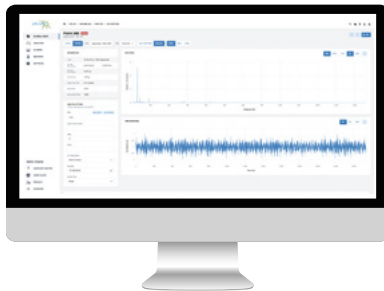
John Crane Reliability Services provides access to experienced vibration analysts and condition monitoring-specialists who help interpret asset data, identify root causes and recommend corrective actions to maximise performance and reliability.

Monitor critical rotating equipment

John Crane Sense Monitor is suitable for monitoring pumps, motors, gearboxes and other rotating assets where reliability, uptime and operational efficiency are essential to business performance.

Connect to a broader digital reliability ecosystem

As part of John Crane's broader IoT and reliability offering, John Crane Sense Monitor helps customers build predictive maintenance programmes that improve operational efficiency, reduce maintenance expenditure and support sustainability objectives.



John Crane Sense Monitor delivers even greater value when integrated with John Crane's Asset Condition Management services. As part of the modular John Crane Performance Plus® service framework, it supports a broader reliability strategy that helps customers optimise maintenance, improve asset performance and reduce unplanned downtime.

Typical applications

- Pumps
- Electric motors
- Gearboxes
- Fans and blowers
- Compressors
- Auxiliary rotating equipment
- Remote or hazardous area assets
- Critical production equipment

Helping customers achieve

- Reduced unplanned downtime
- Improved equipment reliability
- Better maintenance planning
- Lower maintenance and operating costs
- Increased asset visibility
- Faster, data-driven decision-making
- Enhanced safety through reduced manual inspections
- Scalable digital reliability programmes



North America
United States of America
Tel: 1-847-967-2400

Europe
United Kingdom
Tel: 44-1753-224002

Latin America
Brazil
Tel: 55-11-3371-2500

Middle East & Africa
United Arab Emirates
Tel: 971-481-27800

Asia Pacific
Singapore
Tel: 65-6518-1800

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