Maximizing ROI with
Predictive Maintenance

Reactive Maintenance vs Predictive Maintenance

Many facilities around the world operate under Reactive Maintenance or Run-to-Failure Scenarios. In this strategy, we wait for the asset to fail then either fix or replace the equipment, costing significant downtime due to unpreparedness. This isn't the optimal strategy when the cost of downtime is greater than he cost of the maintenance activity. With the GraceSense™ Predictive Maintenance System, maintenance becomes predictable and allows preparation before a costly, unexpected downtime scenario occurs.

The GraceSense™ Predictive Maintenance System

Grace Engineered Products' mission is to make maintenance smarter, safer, and more productive. At the forefront of this cause is a complete monitoring system made possible on a cloud-based platform providing continuous monitoring of critical assets to improve productivity and reduce the likelihood of unplanned downtime.
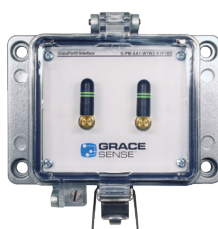
GraceSense™ Predictive Maintenance System is comprised of four distinct components:

Vibration & Temperature Nodes

Tri-Axial sensor with advanced edge processing and proprietary Zigbee compatible communication monitors vibration and temperature to insightfully predict health on any rotating equipment.
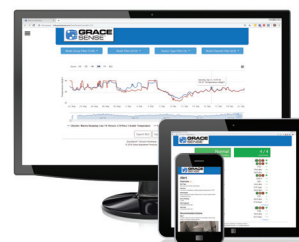
Panel-Mount Node or CloudGate

Easy to configure, stackable architecture with a wide selection of inputs, transducers, radios, and power options; these nodes can be mounted in a environmentally rated GracePort® housing or other user-specified enclosures.

Hot Spot Monitor (HSM)

GraceSense™ Hot Spot Monitor is a non-conductive temperature monitoring device that detects potential hot spots and alerts personnel of any temperature anomalies occurring in electrical equipment.

Maintenance Hub

The Maintenance Hub is an intuitive web-based app providing real-time dashboards, analytics, and configuration. The Hub displays system information and issues can issue SMS and email alerts with actionable step-by-step remediation instructions.

These components combine to create **actionable data** and **analytics** across a wide variety of critical asset classes from **control cabinets** and **rotating equipment** to **power distribution equipment** and **structural systems**.

For more information contact your local representative or distributor.

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