Cordant™ Machine Health:
Advanced Asset Care

What It Is?

Cordant™ Machine Health powered by Augury is a prescriptive maintenance SaaS solution utilizing purpose-built analytics and trusted Bently Nevada™ hardware for plantwide remote condition monitoring of rotating equipment. Machine Health delivered as a service (MHaaS) combines:

- Robust Bently Nevada™ Wireless Ranger Pro™ sensors certified for hazardous areas
- Edge gateways
- AI analytics with embedded machine learning
- On-demand expert vibration analysts
- An intuitive platform for continuous, real-time diagnostics and actionable recommendations
- A dedicated Customer Success Team driving adoption and measurable ROI.

Problems we solve

1

Lack of visibility

- No real-time insight into machine health
- Fragmented data and disconnected systems

2

Unplanned downtime and reactivity

- Failures detected too late; teams trapped in firefighting
- No foresight for planned interventions

3

High costs and hidden losses

- Emergency repairs and secondary damage
- Overspend on time-based maintenance and run-to-failure losses
- Excessive spare part inventory

4

Safety hazards

- Late detection of machine and process changes.
- Manual data collection in hazardous areas

5

Operational inefficiencies

- Data gaps from time-based manual collection
- Threshold systems create false alarms and alarm fatigue
- Reactivity, distrust in systems, stressed teams

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Machine Health Benefits

01

Improved reliability & reduced unplanned downtime

- Early fault detection
- Continuous monitoring and an intuitive dashboard
- Filters out noise so only actionable events surface

02

Reduces costs

- Cuts emergency repair and secondary damage expenses
- Enables condition-based work
- Cut reactive labor costs and unplanned orders.

03

Improves technician efficiency

- Eliminates manual, hazardous data collection
- Restores trust in alerts
- Delivers clear, plain diagnostics: What's wrong, and how do we fix it
- Schedule only needed work

04

Enhances safety and sustainability

- Limits employee exposure to hazardous areas.
- Prevents environmental mishaps

05

Drives operational excellence

- A single source of truth for real-time insights, and knowledge sharing.
- Scales quickly across sites with minimal IT lift
- Seamless integration to Cordant™ Asset Health or third party applications.

Results that set us apart

99%
fault detection accuracy

<30 days
Average time to value

95%
Diagnostic accuracy on rotating equipment

4-6
weeks deployement time

3X to 10X
ROI in a matter of months

$21.5K
Average savings per machine per year

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