



OPTIMIZE

Advanced Monitoring Made Easy

More time to deliver what matters most.

ceramicspeed

Why Optimize Edge?

Your Data, Your Control

With Optimize Edge, your data always belongs to you. It's securely stored in the cloud, and you can download it anytime.

Multi-sensor integration

Reduces false alarms by integrating inputs from multiple sensors for cross-validation.

Intelligent Health algorithm

With +100 automatic machine parameters, Optimize Edge delivers individual thresholds for your assets.

Wireless Connectivity

Secure and cable-free data transmission.

Durability

Robust Design to excel in harsh Industrial environments.

Extended Battery Life

Peace of mind knowing your machines are continuously monitored.

Integrated RPM – Electrical motors

Achieve deeper machine condition knowledge through high-precision RPM estimation with >99% accuracy.



Benefits of Optimize Edge

Wireless Deployment Made Simple

Eliminate costly cabling with secure wireless data transmission. Optimize Edge is easier and faster to install than wired systems.

Long Battery Life

Optimize Edge runs for up to five years on a single industrial-grade battery - which is easily replaceable to ensure long-term operation and low maintenance.

Multi-Sensor Data for Better Decisions

Optimize Edge combines vibration, temperature, acoustic, and magnetic field sensing in one device. This integrated approach provides clear fault detection, fewer false alarms, and a more complete picture of machine health.

Scalable Predictive Maintenance

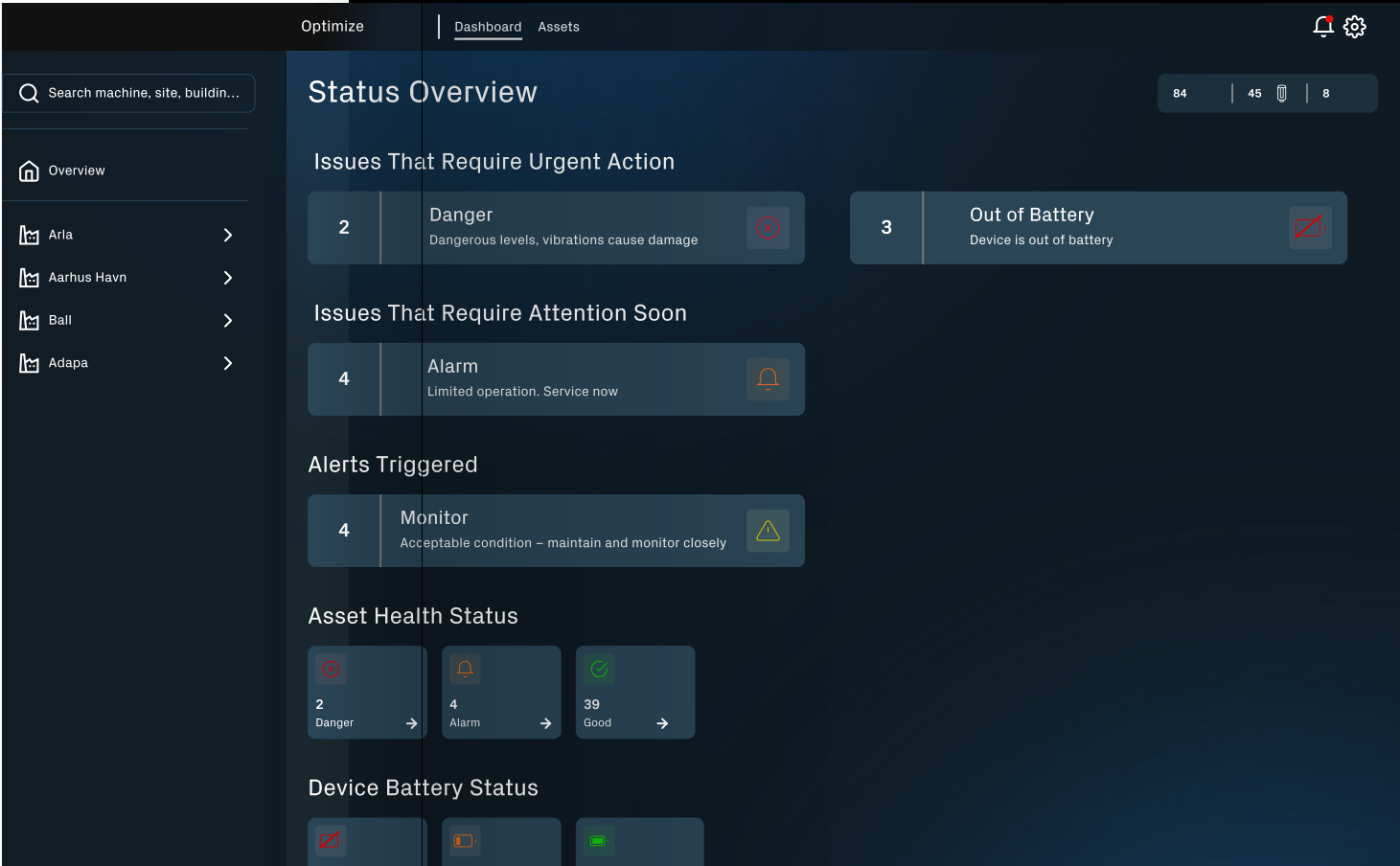
From a single production line to multiple facilities, Optimize Edge scales effortlessly. The system enables predictive maintenance strategies that cut downtime, extend equipment lifetime, and optimize service.

Clear & Actionable Insights

The sensor translates complex data into intuitive health scores and trends. With preconfigured parameters for different machine types, installation is quick and consistent. Users can instantly see whether machines are in good condition or require attention - making maintenance decisions data-driven and timely.

The CeramicSpeed Optimize system delivers a smarter, more responsive approach to industrial asset management, ensuring machines operate at peak performance.

Centralized web-based software for easy machine monitoring and alerts. This system offers seamless monitoring of critical assets, providing actionable insights for predictive maintenance.



System Capabilities

Wireless Condition Monitoring Systems for rotating machines

Real-Time Monitoring:

Continuously tracks vibration, magnetic fields and temperature to detect anomalies in machine performance. Rotating speed prediction from magnetic field and vibrations.

Data access and integration

In addition to the optimize dashboard, users can access and integrate their data through a secure API for custom applications and workflows.

Reduced Downtime:

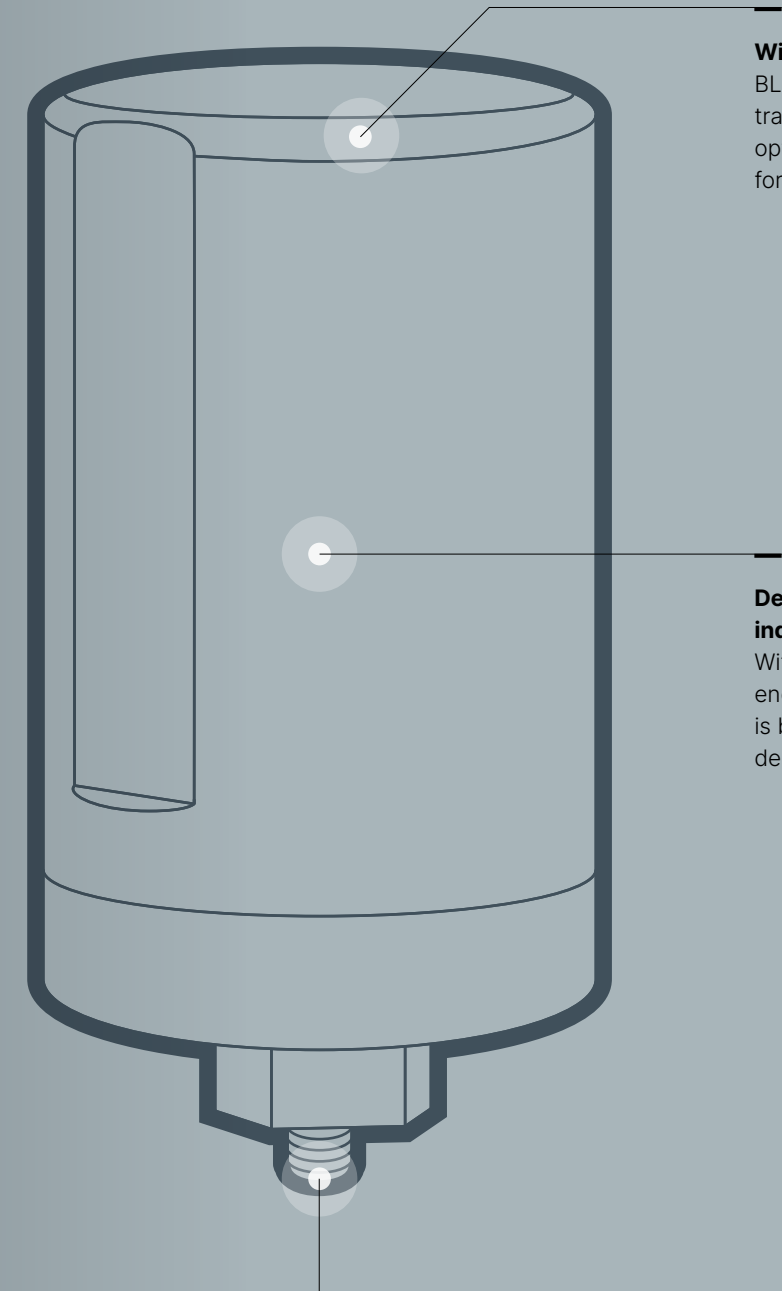
AI-driven analytics detect early signs of wear and malfunction, enabling proactive maintenance to minimize downtime.

Asset Management:

Centralized monitoring of multiple devices across facilities, with detailed reports and historical data trends.

Automated Alerts:

Instant notifications via the Optimize Dashboard inform maintenance teams when equipment deviates from optimal conditions.



Wireless Connectivity

BLE for versatile data transmission and optimized antenna for extended range.

Designed for industrial segments

With an IP68-rated enclosure the device is built for industry and demanding conditions.

Plug & play sensor solution

Mount using M6 thread.



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CeramicSpeed
Noergaardsvej 3
7500 Holstebro
Denmark

+45 9740 2544
industry@ceramicspeed.com

ceramicspeed.com

Never Compromise

ceramicspeed