

HEXASTATE:



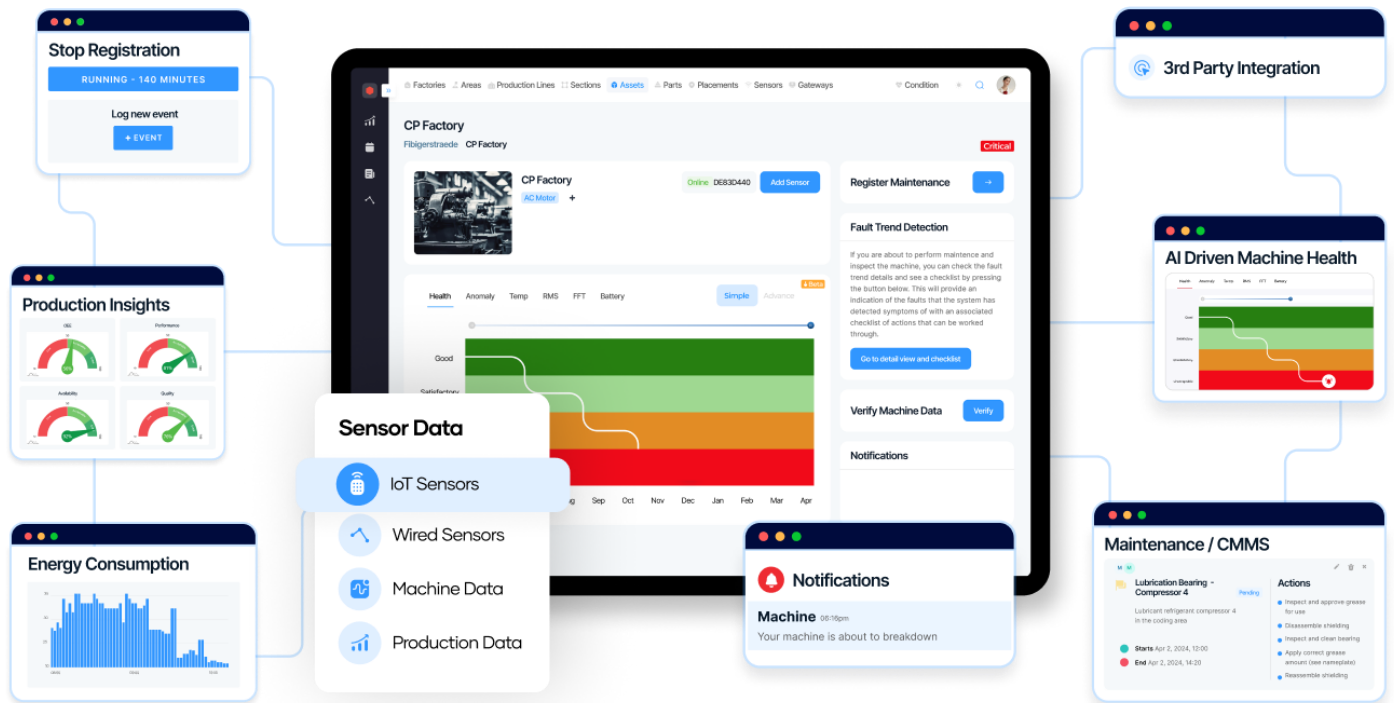
# SMART SOLUTIONS

for Manufacturing Companies

AI-Driven Machine Health

# HEXASTATE:

## Our Mission: One platform for it all



Hexastate delivers smart automation technology, enhancing operational efficiency in industrial manufacturing with AI-driven monitoring, predictive maintenance, and strategic decision-making tools to reduce downtime and cut costs.



**Company**

Founded in 2018



**Core**

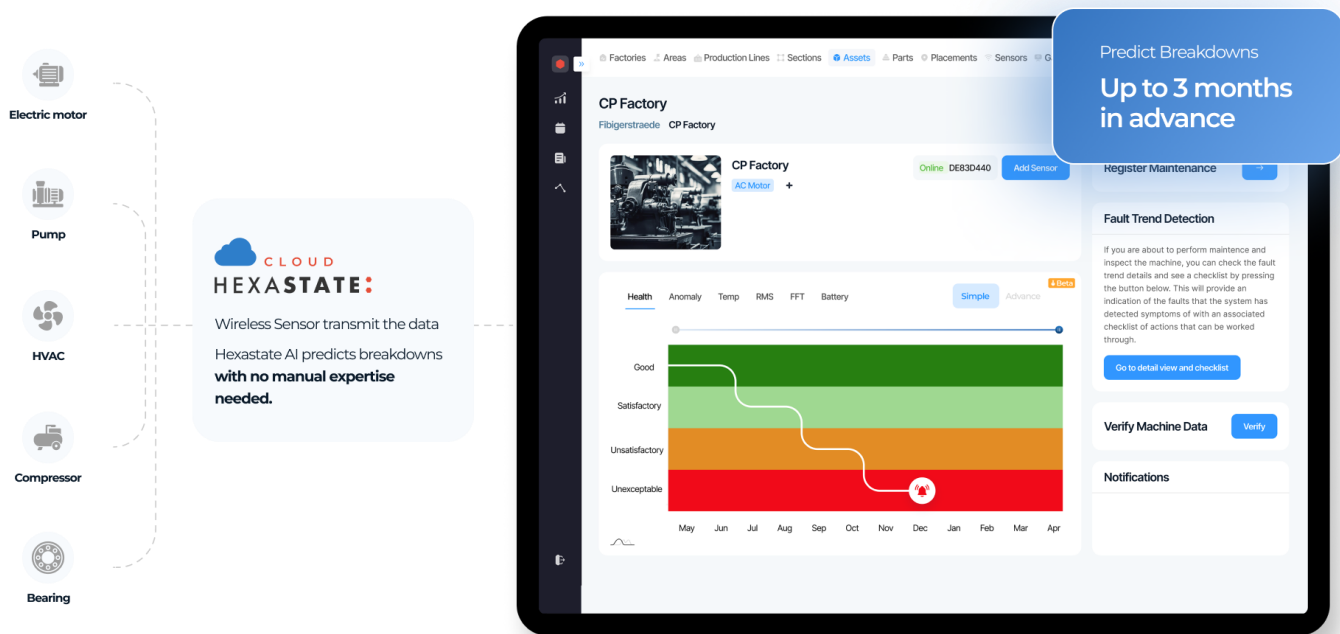
Intelligent software for manufacturing, facilities and utility



**Markets**

Scandinavia, Europe & UK, South America, USA, Asia

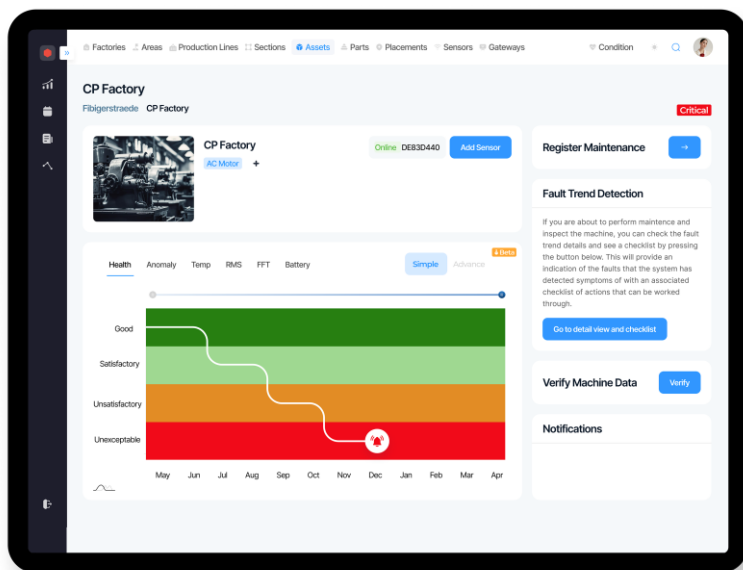
# Autonomous Vibration Monitoring



## Enhance your maintenance strategy with AI-driven vibration analysis.

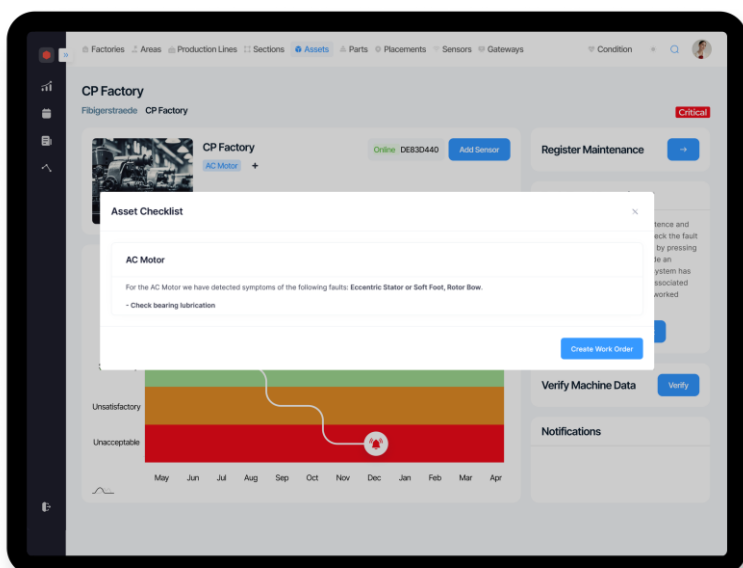
- ✔ Advanced diagnostics to **detect early signs of equipment wear and tear.**
- ✔ **Automated alerts** for timely intervention before critical failures occur.
- ✔ **Comprehensive vibration analytics** for deeper insights into machine health.
- ✔ **Minimizes downtime** through proactive maintenance scheduling.
- ✔ **Correlate vibration data with other parameters** to optimize asset life-cycle and efficiency.

# Autonomous Vibration Monitoring



## Early Warning Diagnostics

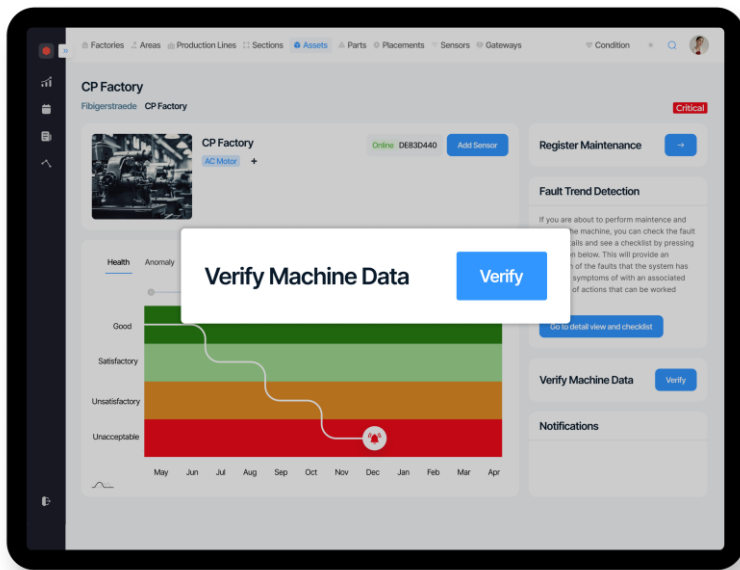
- ✓ The Hexastate Health algorithm **automatically estimates the health** of the machine.
- ✓ **Predict machine failures** up to 3 months in advance using the health algorithm, anomaly algorithm and other data inputs.
- ✓ **Eliminates** the need for **manual analysis** as the software acts as the vibration analysis expert.
- ✓ **Tracks RPM** automatically to understand machine load, track faults accurately and to **avoid false positives**.



## Fault Trend Checklist

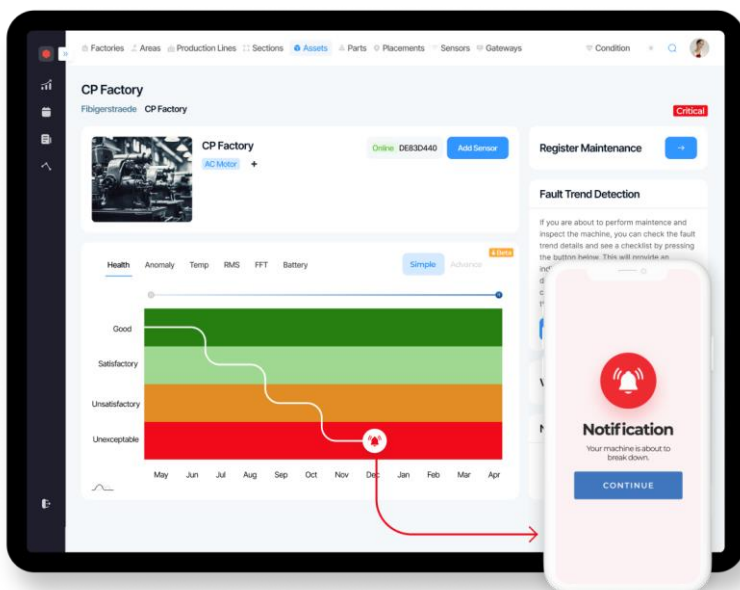
- ✓ AI analysis automates the **detection of fault symptoms**, identifying issues like shaft unbalance and bearing wear effortlessly.
- ✓ The system automatically pinpoints problems **without the need of expertise** in vibration analysis.
- ✓ Convert detected faults into **actionable checklists**, and automatically **generate work orders** in Hexastate or your CMMS if configured.

# Autonomous Vibration Monitoring



## Data Verification Service

- ✓ Hexastate offers specialized support for **verifying machine data**, assisting with changes in health or related concerns.
- ✓ The Hexastate Support team can provide **detailed feedback** on vibration analysis, sensor installation, and other factors affecting health estimates.
- ✓ Through this feature, Hexastate can provide **insights into a condition change** if there are doubts, or if the system doesn't indicate specific faults.



## Alarms

- ✓ Receive **SMS or email alerts** directly, ensuring you're promptly informed of critical updates.
- ✓ Set **custom parameters** for the alarms, including cooldowns, custom messages and different triggers.
- ✓ Integrate alarms with Hexastate's CMMS or your existing solution for **data-driven maintenance**.
- ✓ Configure alarms to **your preferred destination** such as ERP-, MES- and SCADA systems.

# HEXASTATE :

# Vibration Hardware

## TREON

## Wireless Monitoring for Rotating Equipment

Experience precise tri-axial vibration and temperature monitoring for pumps, motors, compressors, etc.

- ✓ **Measures and transmits** tri-axial vibration and surface temperature.
- ✓ **Battery-powered**, eliminating the need for wiring.
- ✓ Can operate in **all types of industrial conditions** with an IP67 rating.
- ✓ Available in 1 kHz and 6 kHz frequency ranges, depending on your needs.



### Wireless Mesh Network

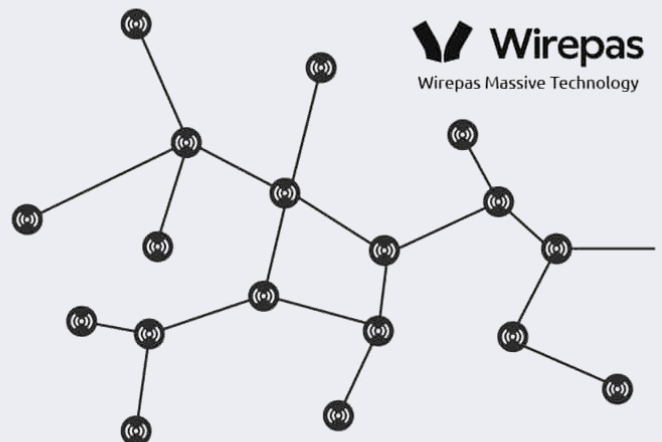
Easily connect multiple sensors, as they create their own mesh network. Enabling **scalable and flexible monitoring** across large industrial setups.

### Long Battery Life

Wirepas is optimized for low power usage, extending sensor battery life for up to 7 years.

### Secure Data Transmission

Devices use AES-128 encryption for **secure data communication**, safeguarding your data from unauthorized access.



## We want to put an end to expensive solutions

At Hexastate, we believe that intelligent and efficient monitoring should be accessible to everyone.

In the past, monitoring even a single machine could be a costly endeavor. However, by leveraging the latest advancements in AI and IoT, we have made it possible for businesses across various industries to benefit from our innovative solutions.

Today's technology has reached a level of maturity where exceptional quality and accuracy can be achieved at a much more cost-effective price than just a few years ago.

Don't hesitate to contact us or schedule a brief discovery call to learn more about our solutions and how we can help you optimize operations while saving on costs.



### CONTACT US TODAY

**HENRIK FUGLSANG**

Account Manager

[hmf@hexastate.com](mailto:hmf@hexastate.com)

+4530204407

# HEXASTATE:



+45 70 60 50 45



[info@hexastate.com](mailto:info@hexastate.com)



[www.hexastate.com](http://www.hexastate.com)



Nålemagervej 1, 9000 Aalborg  
Denmark

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