

GRUNDFOS MACHINE HEALTH

GRUNDFOS
iSOLUTIONS | A SMART SOLUTION
FOR YOU

In partnership with

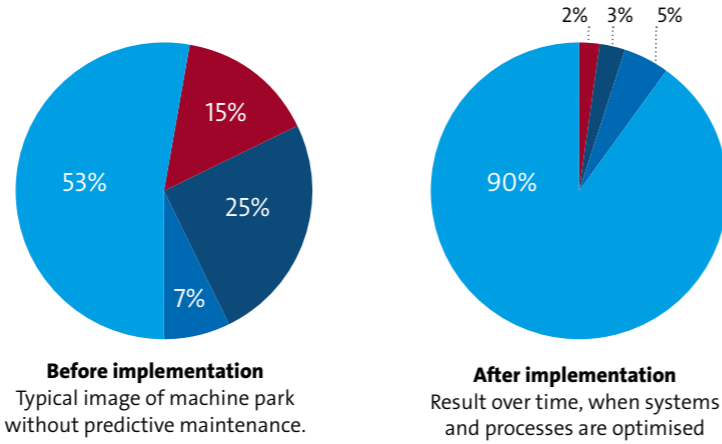


be
think
innovate

GRUNDFOS 

THE SMART WAY TO MANAGE YOUR MACHINE PERFORMANCE

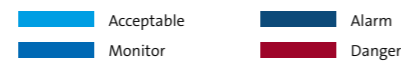
Want to keep your mechanical equipment out of the danger zone by solving issues before they occur? With our intelligent predictive maintenance solutions, this is now possible. Evidence shows that by implementing a machine health program, 90% of the machines will run smoothly over time, resulting in less downtime and preventing the much more expensive repair of equipment breakdowns.



Before implementation
Typical image of machine park without predictive maintenance.

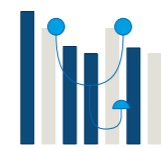
After implementation
Result over time, when systems and processes are optimised

Based on experience and real installation data across facilities.



UNPARALLELED MACHINE DIAGNOSTICS FOR YOUR FACILITY

Grundfos brings artificial intelligence technology to the maintenance world with a next-generation predictive maintenance solution. The platform listens to your machines, analyzes the data in real-time, and provides accurate and actionable diagnostics in-house.



MECHANICAL DATA

With the largest database of acoustic machine signatures in the world, Grundfos delivers highly accurate diagnostics for your mechanical equipment.



MACHINE LEARNING ALGORITHMS

Mechanical data becomes actionable with real-time insights that suggest the appropriate repairs and maintenance practices.



RELIABLE CUSTOMER SERVICE

Customer success representatives and expert vibration analysts provide immediate and continuous support.

30%
Lower
Maintenance
Costs

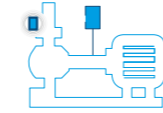
75%
Fewer
Breakdowns

90%
Lower
repair costs

45%
More
Uptime

ADVANCED DIAGNOSTICS

Advanced smart sensors watches over your most critical assets 24 hours a day, 7 days a week. Our solution will alert you with detailed malfunction analysis at the very first sign of a developing issue. Even the slightest changes to a machine's health status are carefully monitored and relayed to you as straightforward, actionable insights.



Wireless smart sensors are installed on your assets and capture vibration, temperature and other data to constantly monitor the state of your equipment.



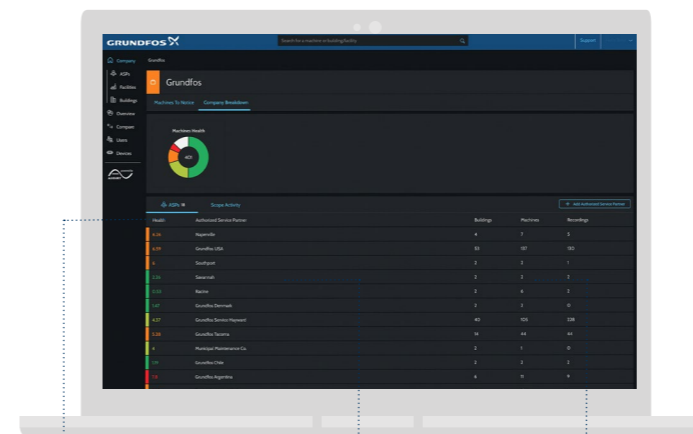
Artificially intelligent algorithms process the data sent via cellular or wifi connection to a secure cloud. Our algorithms provide powerful insights into the health of your machines.



Real-time alerts and reports are sent to you in the event that a malfunction is detected. Grundfos web and mobile applications provide an in-depth view of machine health, developing issues, and suggested maintenance practices.

MACHINE HEALTH SUBSCRIPTION

Our powerful web and mobile platform provides a full set of tools to monitor and manage your Predictive Maintenance program. Access in-depth insights at the machine level to understand root causes and determine corrective actions. Oversee machine health at the facility level to focus your maintenance practices on the equipment that needs it most. Make informed business decisions with a holistic perspective of your assets across multiple facilities.



Malfunction Cards
See clear identification of the diagnosed malfunction, affected component and severity.

Possible Causes
Access a list of potential root causes at the component level.

Maintenance Practices
Receive suggested remediative actions, starting with simple tasks and progressing to more comprehensive responses.



