

AiSight

Unlimited machine uptime



SENSIRION
connected solutions

Industrial equipment failures cause unplanned downtime.

That means:



Unforeseen expenses



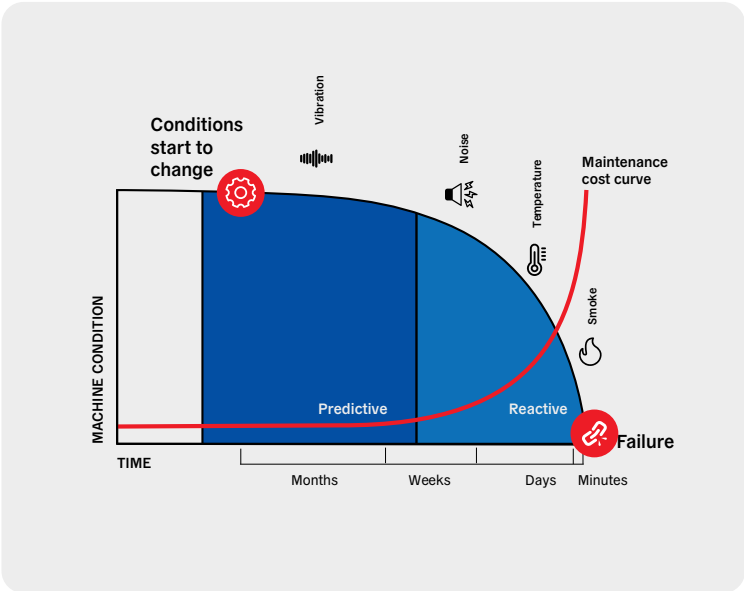
Lost productivity



Safety problems

The AiSight predictive maintenance solution ends unplanned downtime

The AiSight solution predicts machine failures months in advance. Our combination of sensors, advanced analytics and an intuitive user interface delivers continuous monitoring and detailed alerts on machine faults exactly when you need them—with time to plan.



State-of-the-art vibration analysis and machine learning algorithms facilitate predictive maintenance months in advance

The AiSight solution monitors the most critical rotating equipment



Motors

Pumps

Gearboxes

Fans

Compressors

The AiSight advantage

Reliability

State-of-the-art, AI-powered vibration analysis with expert validation

All-in-one solution

Hardware, software, consultation, installation, analytics, support—all offered

Level of service

Customer success dedicated support, an international partners' network, ISO Cat 4 certified vibration expertise

Quickly break even

Flexible pricing and diverse use cases ensure ROI across a broad spectrum of equipment and industries

Scalability

Easy installation and cloud-based analytics enable worldwide, cross-company rollout

Aion sensor nodes

Continuous machine monitoring

- Triaxial vibration sensor
- Triaxial magnetic field sensor
- Temperature sensor
- Designed for industrial environments
- Ingress protection rating: IP67
- Easy to install using magnetic mounts
- Powered with wall-plug compatible power supplies or easy-to-change battery packs



Learn more about
Aion sensor nodes
here

The Machine Insight Center

An intuitive view to machine health

- Delivers early alerts of machine failures
- Provides clear visualizations of machine condition
- Allows users to view entire facilities or zoom in on details of specific machines
- Available for mobile and desktop devices

Reliable alerts

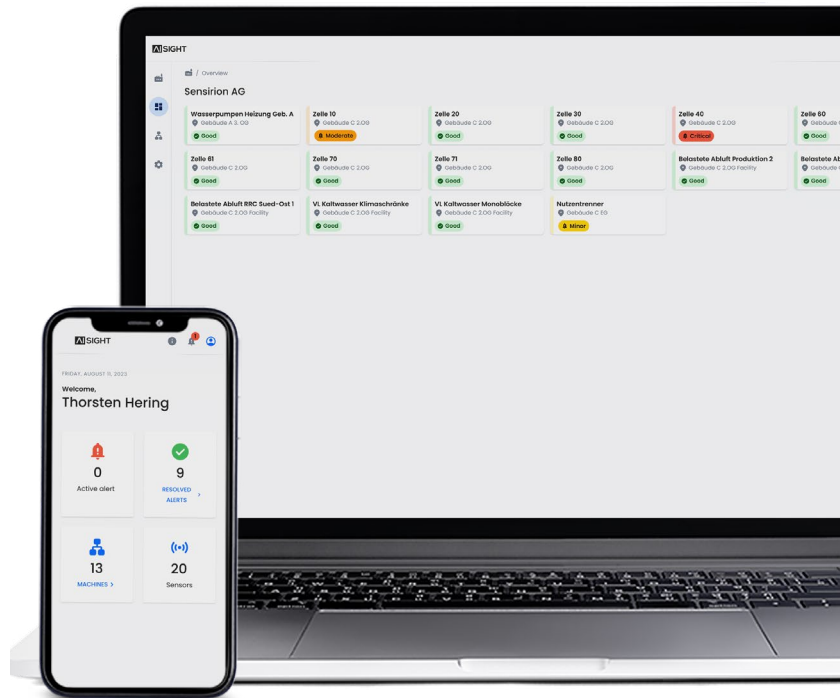
Reliable equipment

The AiSight solution delivers alerts of abnormal machine behavior

- Weeks in advance
- Via email and the AiSight Machine Insight Center
- With root-cause analysis and actionable recommendations
- Validated by ISO Cat 4 trained vibration specialists.



Learn more about the Machine Insight Center here



Diagnosing the causes of future failures. Delivering actionable alerts

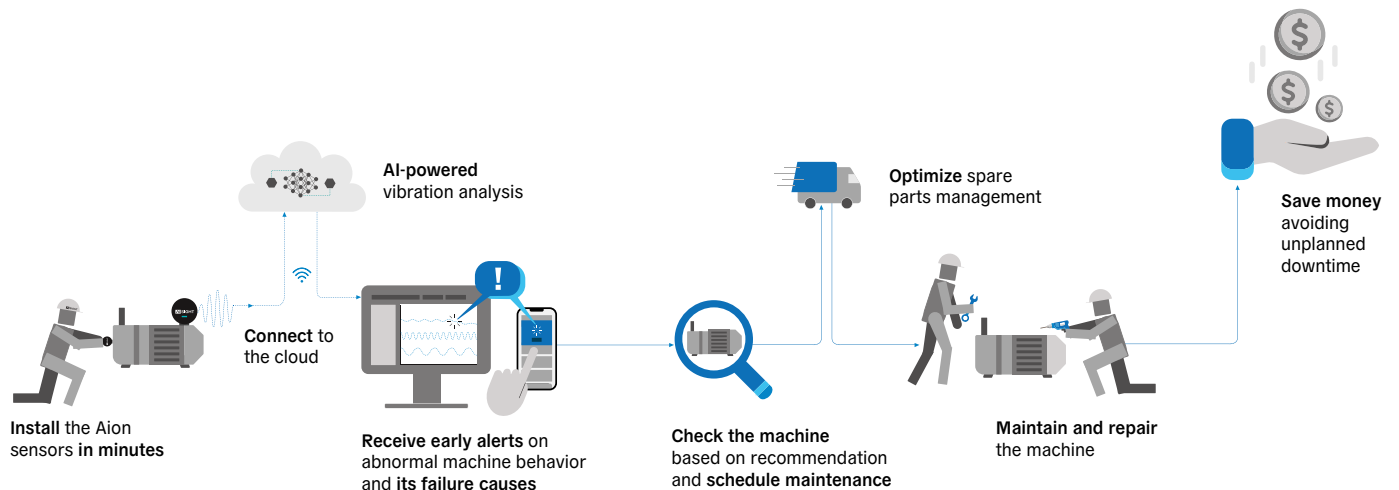
Data from Aion sensors travels to the cloud through secure connections.

AiSight algorithms analyze sensor data in the cloud to predict machine malfunctions and send real-time insights to the Machine Insight Center.

Machine failures generate specific vibration signatures. Our machine-learning algorithm scours machine data for these signatures. When it finds them, it automatically generates an alert, including its root-cause analysis. Our vibration specialists confirm every alert.

Unlimited machine uptime

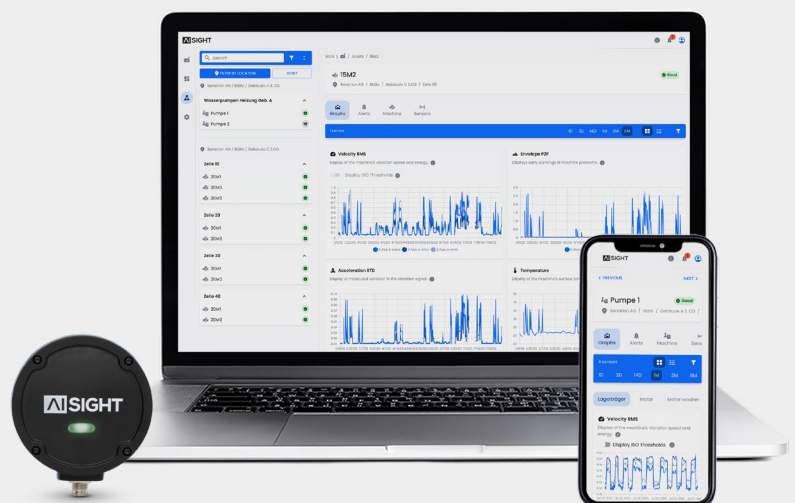
It's just that easy
Only with AiSight



AiSight makes unlimited machine uptime a reality. The AiSight predictive maintenance solution from Sensirion Connected Solutions is a proven performer in increasing maintenance efficiency, improving productivity, and eliminating unplanned downtime. Providing constant machine monitoring, plus early alerts and root-cause analysis of potential failures, the AiSight solution delivers ROI by saving time, energy and materials.

SENSIRION connected solutions

Sensirion Connected Solutions provides sensor-based, end-to-end solutions and services that improve efficiency and reliability—all in service of a more sustainable future. Our passionate teams located in Berlin, Germany; Stäfa, Switzerland; and Chicago, USA, build easy-to-use and scalable solutions for emissions monitoring and predictive maintenance, covering the complete value chain including innovative sensor development, data analysis, software dashboard implementation and dedicated support.



How can AiSight make unlimited machine uptime a reality in your facility?

