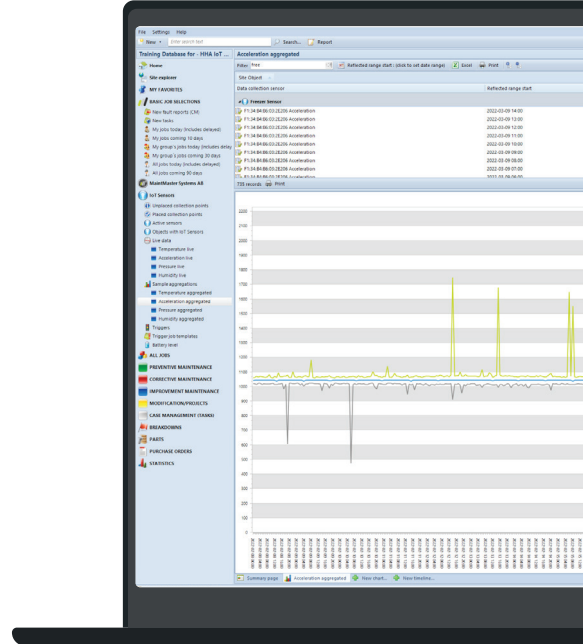


Discover MaintMaster IoT Sensors



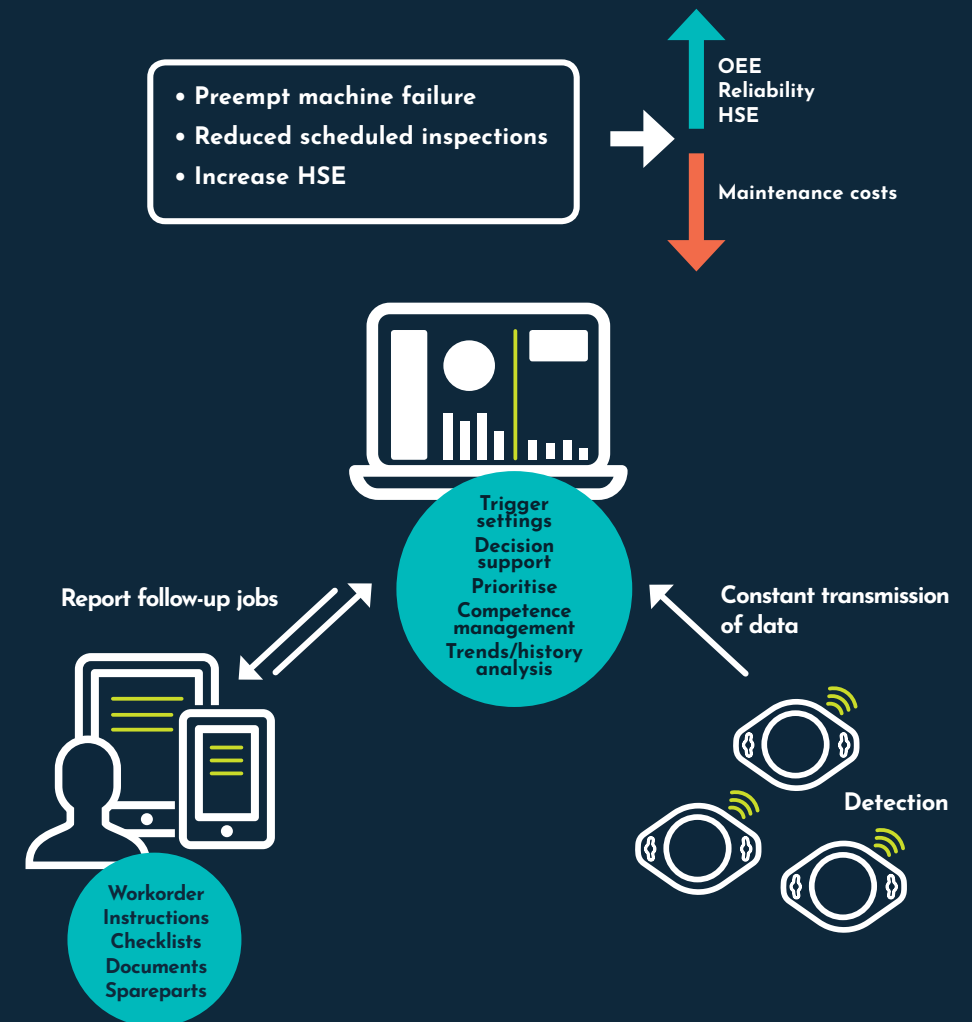
STOP MACHINE BREAKDOWNS BEFORE THEY WREAK OPERATIONAL HAVOC

MAINTMASTER IOT SENSORS ARE UNIQUELY DIFFERENT

Plug and play addon to MaintMaster CMMS

New technology is revolutionising the maintenance world. Wireless sensors and smart maintenance software can help improve daily processes and your ability to detect and fix problems quickly - before they cause breakdowns or production stops.

With MaintMaster's IoT Sensors, you will get started within a few hours. As a single supplier all the data is sent directly to the familiar interface of MaintMaster, that you are used to. No need to learn or integrate third-party software.



BUT WHY IOT SENSORS?

Detecting and fixing problems is hard when you can't be everywhere at once. And some deviations need more than just human senses to be detected.

Constantly monitor machines without the need for stoppages/outages

Some inspections are only possible during a production stop. With sensors, you can monitor crucial machine components while production runs at full capacity.

See invisible deviations

Sensors allow you to monitor hard-to-detect deviations like vibrations. Monitor your machine's invisible deviations over periods to ensure top performance.

Reach the unreachable

Monitor objects in hard-to-reach places. Use sensors to save yourself the trouble of dismantling objects or looking for ladders.

Reduce scheduled inspections

Focus your resources on the machines where it is most needed.

Overview around-the-clock


Take the manual work out of frequent or constant surveillance. Monitor your equipment around the clock - ensuring objects perform under optimal conditions.

Stay safe - improve HSE

Keep yourself and your staff safe. Let sensors monitor dangerous objects that need extensive health and safety precautions to reach.

Wireless mesh





It is as easy as ripping the battery slip from the sensor and start monitoring

To start, rip the battery slip, place the sensor on your machine, and monitor in MaintMaster within seconds. Set your triggers and get notified instantly and automatically when a deviation is detected - long before machine breakdowns cost you money.

Instantly in the cloud

With instant cloud access, you can monitor key machine information anywhere on any device - without workarounds. Improve OEE, reliability, HSE, and reduce your maintenance costs by spending your time where it counts.

Trigger what matters

Set triggers from any of the sensor data points. Create work orders and follow-up jobs, add instructions, checklists, and documentation - including information about spare parts. And when you need a report or export a selection of information, do it in a few clicks.

Did you know?

The MaintMaster IoT sensors automatically create and assign work to the right person or team when a machine deviation is detected.

With MaintMaster, you will get a single supplier for your IoT solution.

How it works

Sensors are not a new technology. But a direct connection to your maintenance system is. Furthermore, MaintMaster's IoT sensors are incredibly easy to install, configure, and use.

6 quick steps to start monitoring

With MaintMaster, setting up monitoring on your machines is surprisingly fast:

1. Choose a machine or equipment piece you wish to monitor
2. Pull the battery slip from the sensor
3. Place the sensor on your chosen machine
4. Open MaintMaster CMMS
5. Set your data triggers
6. Start monitoring with constant data flow!

What data can you measure?

The sensors simultaneously measure four key qualities:

- Acceleration (vibration) in three axes
- Temperature
- Relative humidity
- Barometric air pressure

And the monitoring keeps on giving

The sensors can also send you information about their current battery level for continuous monitoring.

FAQ

Are the sensors wireless?

Yes, they communicate with Bluetooth.

How long is the battery life?

Three years at normal temperature. Battery status is also sent to the system, which means that when a low level is reached, you can receive a warning about this in good time so that you have time to change the battery without interruption.

What do you do when the battery runs out?

The battery is easily replaced by unscrewing the cover on the back of the sensor.

Do you have to have MaintMaster as a maintenance system to be able to use MaintMaster IoT Sensors?

No. MaintMaster IoT sensors can be used very well as a standalone service. As soon as a deviation is detected, this can be emailed to any email address or even different email addresses, depending on how you want to control the various jobs. If you already have another maintenance system, a deviation can create work orders directly in your maintenance system with a simple integration.

What is the IP class of the sensors?

Laboratory tested and certified for IP67 and IP68.

Specifications

Operating temperature: -40 °C to +85 °C

Battery: 1000 mAh CR2477T battery (included)

Radio protocols: MiraMesh 2,4GHz

Enclosure material: Rugged polycarbonate

Waterproofing: IP67, IP68

Certifications: CE, FCC, ISED, TELEC, IFETEL, NOM, RTCA DO-160, RoHS, IP67





WANT TO KNOW MORE?

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