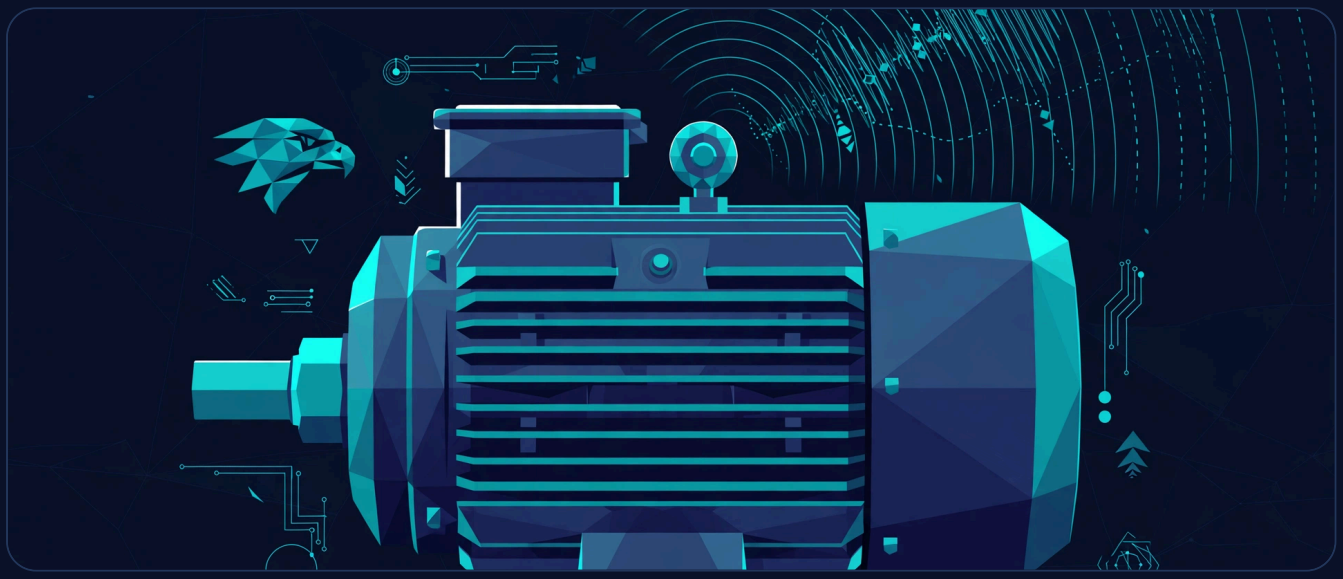
SENSEYIELD

CATALOGUE · MOTOR HEALTH MONITORING

Motors talk before they fail. Hear them early.

Motor health monitoring from SenseYield - vibration, load, and temperature trends for every critical motor, watched continuously.



Vibration, load, temperature

The three signals that show wear, overload and overheating - trended, not spot-checked.

Per machine

Every motor watched individually. A healthy average never hides a sick machine.

Watched continuously

Day, night and weekends - including the shifts when nobody is walking the floor.

A motor rarely fails without warning. It fails without an audience.

Bearings wear for weeks before they seize. Misalignment vibrates for a month before it destroys a coupling. A motor running hot tells the same story every day - to nobody, because nobody is standing there listening at 3 a.m.

By the time a motor announces itself, it announces itself to the whole plant: a stopped line, a rushed repair, a part that has to come from somewhere else.

SenseYield listens continuously. Each motor's vibration, load, and temperature are trended over time, so the slow changes - the ones that predict a failure - show up while there is still time to plan the fix.

What it watches

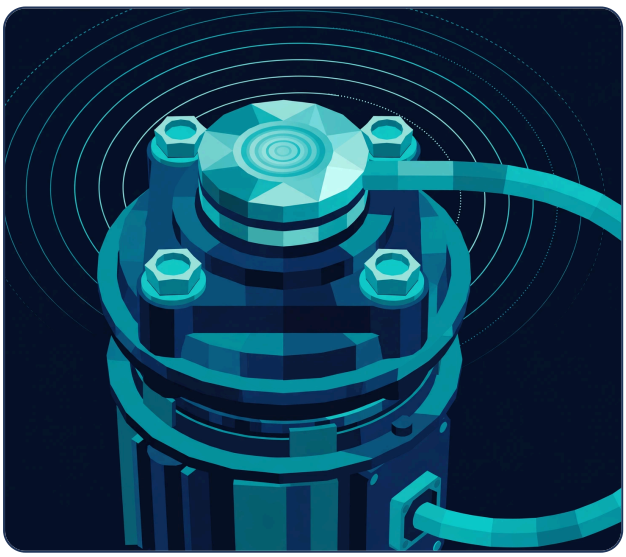
Vibration
The earliest voice of bearing wear, imbalance, and misalignment.

Load
How hard the motor is actually working, and how that changes over time.

Temperature
Running heat, watched for the slow climb that precedes trouble.

Trends
Each signal tracked over days and weeks, because the change matters more than any single reading.

Per machine
Every motor watched individually; a healthy average never hides a sick machine.



Fitted on the machine, not inside it

Sensors fit to each critical motor - on the machine, without opening it up or changing how it runs. The motors you depend on most are the ones that get watched.

From there, readings flow on their own: sensor to gateway, gateway to cloud, cloud to the dashboard your team actually looks at. The full path is on the next page.

Illustration: a sensor fitted at the motor, reporting continuously. In the live system, a machine shows real readings or an honest waiting state - never simulated data.

How it works: sensor to screen

1 · Sensor
Fitted to each critical motor, on the machine - no opening it up, no changing how it runs.

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2 · Gateway
Readings flow through the plant gateway at regular intervals, around the clock.

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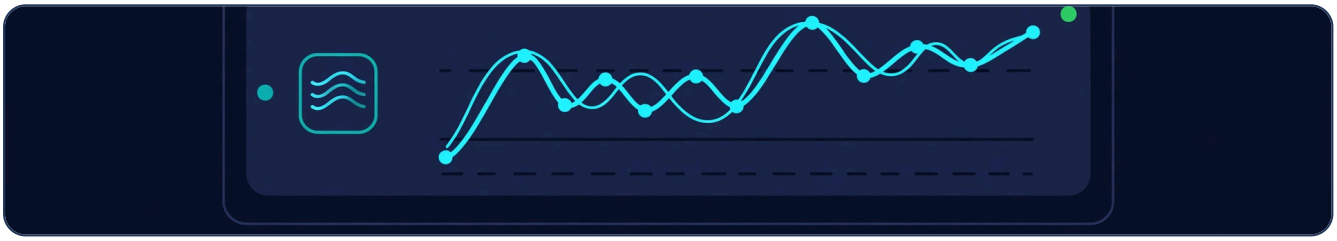
3 · Cloud
Trend lines are built and compared against each motor's own history - judged against itself, not a generic chart.

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4 · Dashboard
Health trends for every machine on one screen. A motor moving the wrong way stands out early.

What you see

The Motor Health view gives every machine its own trend graphs - vibration, load, and temperature plotted over time, machine by machine. Select a machine and its story is right there: steady, or slowly changing, and how fast.



There is no single blended score to hide behind. A plant with nine healthy motors and one wearing bearing sees exactly that - the one motor, its trend, and the direction it is heading. That is the difference between scheduling a bearing change on a quiet shift and meeting it at full production.

Why plants add it

- **Warning while a repair is still a choice** - planned work on a quiet shift, not a breakdown at peak.
- **Each motor judged against its own history** - real change stands out from normal variation.
- **Night and weekend coverage** - the watching does not go home when the crew does.
- **Every machine visible individually** - no averages hiding the one that is failing.
- **Better spare-parts decisions** - order for the motor that is actually wearing, in time for it to arrive.
- **Fewer line stops** from a motor that was trying to say something.

Works alongside, or on its own. Motor Health Monitoring can be chosen by itself, or combined in any mix with Line Monitoring & OEE, Tank Level Monitoring and Plant Temperature & Humidity Monitoring.

Start the conversation

Tell us which motors your line cannot run without. We will show you what watching them properly looks like.

senseyield.com
SenseYield · Surrey, BC
Working with plants everywhere