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Why Factory AI

Manufacturers work with Factory AI because we solve two of the most persistent problems in maintenance:

- 1. Downtime from undetected failures** – Unplanned breakdowns stop production, disrupt schedules, and cost thousands per hour. Factory AI detects equipment issues early, so maintenance teams can intervene before costly downtime occurs.
- 2. Inefficiency of time-based maintenance** – Most sites rely on OEM service intervals, but science shows time alone does not predict failure. Many assets fail randomly, regardless of operating hours. This leads to work being done too early (wasting labour and parts) or too late (causing breakdowns). Factory AI fixes this by tracking the actual health of equipment and predicting failures as they emerge.

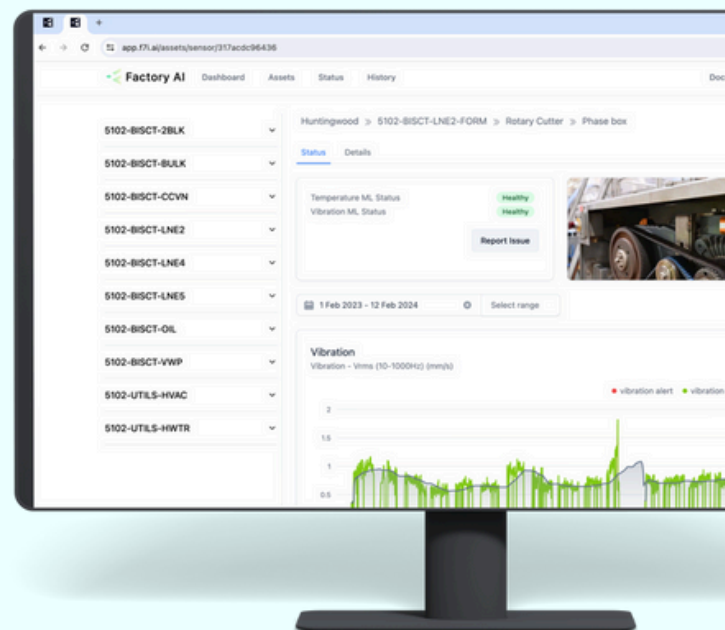


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What We Do

We provide manufacturers with a predictive maintenance system that continuously monitors critical assets, detects emerging issues, and guides maintenance teams to act at the right time.

In simple terms: we help sites fix problems before breakdowns happen, without wasting time or resources.



3 How

Factory AI delivers this by combining hardware, software, and AI:

- **Sensors** – We start by installing easy-to-deploy wireless sensors on critical assets to measure vibration, temperature, and other indicators.
- **Data Integration** – We then pull in PLC tags and operating data for additional context.
- **Maintenance System** – Insights are surfaced directly into the site's CMMS. Sites can integrate with their existing CMMS, or adopt Factory AI's own cloud-based CMMS, which is simple, user-friendly, and designed to make adoption fast.
- **AI & Alerts** – Our AI models analyse the data continuously, predicting failures with enough lead time for planned intervention.



4 What If You Don't Do It

Without Factory AI, sites stay stuck in reactive and time-based maintenance. The risks include:

- **Unexpected breakdowns** leading to high downtime costs and production delays.
- **Excessive maintenance spend** from servicing assets unnecessarily.
- **Strain on maintenance teams** who are pulled into firefighting rather than strategic reliability improvements.
- **Falling behind competitors** who adopt predictive maintenance to run leaner and more reliably.

In short: without predictive maintenance, manufacturers risk higher costs, lower reliability, and more disruption.

