

Case Study

Six Signs You Need Predictive Maintenance



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Predictive maintenance uses condition monitoring and asset performance data to identify developing faults before they lead to failure. By moving from reactive or time-based maintenance to a data-driven approach, organizations can improve reliability, reduce costs, and minimize operational risk.

01

Unplanned Outages Are Increasing

Frequent unplanned outages often indicate that existing maintenance practices are not identifying issues early enough. Predictive maintenance helps detect developing faults before they become critical, reducing downtime, improving reliability, and lowering the risk of major failures.

02

Maintenance Costs Are Too High

Routine inspections and scheduled maintenance can result in unnecessary work and travel, particularly for assets that are operating normally. Predictive maintenance focuses resources on assets that actually need attention, helping teams reduce labor costs, avoid unnecessary interventions, and plan repairs more effectively.

03

Asset Reliability Needs Improvement

A reactive approach to maintenance often leads to unexpected failures and costly repairs. Continuous monitoring provides visibility into asset condition, allowing maintenance teams to identify trends, address issues earlier, and make better-informed decisions that improve overall asset performance.

05

Safety Is a Growing Concern

Predictive maintenance can improve safety by identifying faults before they escalate into hazardous situations. Early warnings allow maintenance personnel to plan work more effectively, arrive better prepared, and reduce exposure to unnecessary operational risks.

04

You Need Better Visibility Into Asset Health

Periodic inspections only provide a snapshot of asset condition at a specific moment in time. Continuous monitoring delivers ongoing insight into performance, helping teams identify emerging issues that may be missed between inspections and prioritize maintenance activities based on real-time data.

06

Operating Costs Need to Be Reduced

Equipment failures, emergency repairs, and unplanned downtime can significantly increase operating costs. While predictive maintenance requires an initial investment, it can deliver long-term savings through improved planning, reduced downtime, more efficient use of maintenance resources, and extended asset life.



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