

Senseye PdM



DESCRIPTION

Trusted by Fortune 500 industrial companies worldwide, Senseye PdM is the only leading cloud-based Predictive Maintenance solution to achieve true Industry 4.0 best practices. With it Maintenance teams halve unplanned downtime and increase maintenance efficiencies, saving money and time by using unique proprietary machine-learning algorithms to automatically forecast machine failure and remaining useful life, achieving a typical ROI of less than 3 months. It relies on similar methods as modern banking systems (TLS 1.2 - AES 256) to achieve high data security standards.

KEY BENEFITS

Senseye improves operational efficiency by:

- Decreasing maintenance costs by 40%
 - Reduction in downtime by 50%
 - Increased maintainer productivity by 55%
 - Increase in downtime forecasting accuracy by 85%
 - Reducing manual inspections
 - Optimising spares inventory purchases
 - Other Benefits include a lower impact on the environment and an increase in safer operations.
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KEY FEATURES

- Senseye PdM is designed to automate the analysis of detection, diagnostics, and prognostics to give accurate and predictive machine health insights for the shop floor.
- Senseye PdM is machine agnostic, covering all kinds of assets, not just those that are critical or of high value.
- Web-based - Nothing to install or maintain, powered by the cloud and accessible on all devices
- Senseye PdM requires no customisation and can be deployed near-instantly for a successful project delivery and outcome within 14 days.

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APP PREVIEW

The dashboard shows a list of cases on the left and a detailed view of 'Branch Washer 2' on the right. The detailed view includes a 'Low Health' alert stating 'The asset health has fallen below the threshold of 50%' and a line chart showing health percentage over time.

Case Name	Category	Health	Last Update
Branch Washer 2	Heavy Industry > Secondary Branches Sorter	Low	2 months ago
Cathode Sending Chuck	Automotive > Battery Plant > High Speed Stackers	78%	24 days ago
Welding Robot 1	Automotive > Body Shop > Line 1 > Engine Compartment	79%	1 month ago
Final Screening Sorter 2	Heavy Industry > Final Screening Sorter Accept and Level Container	86%	2 months ago
Balancer	Automotive > Press Shop > HT Press	98%	4 days ago
Main Body Robot 1	Automotive > Body Shop > Line 1 > Engine Compartment	100%	20 days ago

The detailed view for 'Cathode Sending Chuck' shows a health chart, a prognostic forecast, and a timeline of events. The health chart shows a recent drop in health percentage. The prognostic forecast indicates that 'Intervention is Unlikely' over the next 28 days. The timeline lists several anomalies and trends.

Event Type	Duration	Description
Anomaly	Ongoing for a day	Issue on Cathode Sending Chuck (sensor: Battery Cathode High Speed Stackers), measures Effective Overload, Peak Overload and Torque Feedback.
Trend	Ongoing for 5 months	A trend has been detected on Cathode Sending Chuck.
Anomaly	Ongoing for 18 hours	Issue on Cathode Sending Chuck (sensor: Battery Cathode High Speed Stackers), measures Effective Overload, Peak Overload and Torque Feedback.
Note	Requested grease sample	

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