machinemetrics

HOW OUR MACHINE MONITORING WORKS

1 Easy Integration

It all starts with a network connection to your machines - either via ethernet or through hardware kits that can be shipped to you. You choose to self-integrate, or have MachineMetrics come on-site

2 Secure Data Transfer

Data flows from each machine to an onsite IoT Gateway that isolates the machine network from the public internet. Machine data is encrypted before being securely relayed to the MachineMetrics cloud.

3 Big Data Analytics

Machine and Operator data is stored, aggregated, and analyzed in the cloud; giving factory workers actionable insights with real-time dashboards, reports, and notifications.

4 Adds Human Context to Machine Data

Tablets mounted to individual machines display job performance and provide operators a simple interface to make the machine data smarter: Categorize downtime, track setup, reject parts, and indicate tool changes.

5 Real-Time Dashboards

This Transparency immediately increases efficiency 10%

TV Monitors on the shop floor display the performance of jobs against their goals. Each tile represents one machine and are color-coded so staff can identify machines that are underperforming and quickly correct any problems.

6 Historical Reporting

Plant managers can use MachineMetrics robust OEE reporting and analytics capabilities to measure and improve machine utilization and productivity. View factory data on the go with mobile views for all reports and dashboards.

7 Increase Production By at Least 10%

With new data transparency you can improve quoting by knowing actual cycle times, increase machine capacity by better understanding downtime due to inspection, maintenance, and setup. Ensure on-time delivery by knowing when a work order is likely to be completed.

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