

PLEX ASSET PERFORMANCE MANAGEMENT

Optimize machine health with a 360-degree view of your plant floor.

Machine health impacts every other plant floor KPI. With the Industrial Internet of Things (IIoT), you can get a level of connectivity that can open the door to new opportunities to manage asset health while unlocking plant and business insights to enable data-driven decisions.

Plex Asset Performance Management (APM) allows you to do just that. Using IIoT technology, Plex APM offers today's manufacturers a new way of networking machinery together to gain a much deeper understanding of efficiencies and of potential failures, before they happen.

Plex APM Solves Problems Like:

- **Missed deadlines**
 - Equipment failure and unplanned downtime lead to delays, missed deadlines, and plummeting customer satisfaction
- **Sub-standard products**
 - With Plex APM, manufacturers can define required performance for their machines to make good product. Plex APM can notify team members quickly when it detects a machine performing outside of those thresholds so they can correct the issue quickly.
- **Inability to rapidly respond to recalls**
 - Product recalls are on the rise, yet many manufacturers still struggle to store and track the data necessary to react to recalls and protect their reputation.
- **Inefficient micro-stops**
 - Major production interruptions are often easy to identify and address, but micro-stops - short, yet frequent halts in production - often escape detection and create a noticeable drag on throughput and quality.
- **Costly equipment repairs or replacement**
 - Without real-time performance data, manufacturers often wait for machines to break down - or show significant signs of malfunction - before realizing it's time to take them offline for maintenance. The result? Costly repairs and increased shipping and production costs to meet customer commitments.

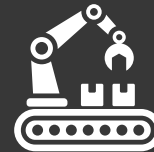


Get ahead and stay ahead.



Enhance Performance

With contextualized process, operational, and machine-level data, you can uncover new ways to improve production.



Optimize Machine Health

Keep machines in top condition to help prevent production equipment failure and unplanned downtime.



Make Maintenance Smarter

Evolving maintenance maturity can help you avoid expedited shipping costs, missed deadlines, and extra production shifts.



For more information, please visit
smcelectric.com



Key Capabilities: Turn Insights into Action

More and more manufacturers are discovering the value of adopting solutions that enable machine connectivity and facilitate monitoring of machine conditions and output without performing physical checks.

Plex APM optimizes the performance of machines, equipment, and other assets used in production and allows you to dive deeper into data and perform better across all manufacturing activities with:

- Connectivity to virtually any asset or data stream
- Live dashboards of facility, work cell, or asset with easy-to-understand color coding
- Real-time views of asset status (Off, In-Cycle, Idle, Problem, Other)
- Remote access to dashboards anytime, anywhere, from any device
- Historical views of logged asset statuses and event logs
- Visualizations of data over time with graphical trend lines
- Multiple data streams from machines and sensors
- Security control to restrict access to authorized users
- Contextualized data insights that combine process, operational, and machine data



6 Steps to Asset Performance Management Success

Now you know what Plex APM is capable of - providing a 360-degree view of your plant floor to unlock both plant and business insights to enable data-driven decisions. It's smart manufacturing at its best. So, what steps can you take toward Asset Performance Management success in your business? Start here:

1. **Determine your business goals.** Don't get caught up in the hype of IIoT technology; focus on the specific benefits like measuring machine health.
2. **Define success.** Link your goals to specific metrics.
3. **Create a plan.** You don't have to perform a "Big Bang" implementation to reap the benefits of APM.
4. **Get organizational buy-in.** Engage the right decision makers and stakeholders to secure approval.
5. **Implement.** Transform your factories into connected plants.
6. **Rinse and repeat.** Think of IIoT technology implementations as part of a company-wide digital transformation, not a one-off project.

The Plex Platform

CONNECT

People, systems, machines,
and supply chains

AUTOMATE

Business processes to
boost efficiency

TRACK

Data from the plant
floor to the top floor

ANALYZE

What matters most and drive
more informed decision-making



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