

SMART MANUFACTURING SOLUTIONS

Take your success to the next level with SESCO's
software products and solutions



SESCO
INFORMATION SOLUTIONS

A State Electric Supply Co.

Plex Smart Manufacturing Platform

Rely on the Plex Platform to connect, automate, track and analyze your operations



CONNECT

Stop working in silos. Connect people, systems, machines, and supply chains.



AUTOMATE

Remove error-prone manual processes. Automate business processes to drive efficiency.



TRACK

Get a clear picture of your company. Track data from the plant floor to the top floor.



ANALYZE

Make better decisions. Analyze the information that matters most.

Plex is a cloud-based SaaS solution that is modular in design to allow users to focus on the performance data that is most important to their operations. Available modules include Production Monitoring, Quality Management System, Asset Performance Management all of which can migrate to a full featured Manufacturing Execution System.



**Information Solutions
Value Added Reseller**

A ROCKWELL AUTOMATION PARTNER

PLEX Solutions

PRODUCTION MONITORING (PM)

Production Monitoring provides seamless connectivity to machines on the plant floor that delivers transparent, real time operational KPIs to drive continuous improvements. The Production Monitoring application lowers the entry point for transformation while helping plant operations overcome their top challenges.

- Helping operators identify bottlenecks and pinpoint problem areas in real-time
- Capture data for instant feedback
- Rapid implementation at a low price point
- Edge connectivity



ASSET PERFORMANCE MANAGEMENT (APM)

Proactively monitor machine and plant health to ensure optimal uptime, throughput, and maintenance needs.

Plex Asset Performance Management mitigates production disruptions, enhances capacity, and boosts product quality by predicting outages, leveraging live data for real-time analysis, and facilitating proactive maintenance. It ensures access to actionable historical data for diagnosing machine health events, while stimulating the predictive maintenance via data trends investigation. Additionally, it eliminates data silos by merging OT and IT data for a contextualized view, supporting informed decision-making.



**Real-time
visibility**



**Contextual
traceability**



**Preventative
data & trends**



**Built-in
analytics**

QUALITY MANAGEMENT SYSTEM (QPM)

Plex QMS offers a cloud-based solution for manufacturers, automating and standardizing quality documentation processes. Supporting closed-loop quality and continuous improvement, it transforms quality management into a proactive, value-adding activity. It provides comprehensive oversight of manufacturing, utilizes data intelligence for faster decision-making, and helps exploit opportunities while reducing risk.

The QMS product improves manufacturing operations by:

- Reducing the risk of defective parts and field failure
- Driving repeatable, predictable quality delivery
- Providing in-line quality reporting and data access for audit tracking
- Providing quality production and process requirements enabled real-time across the enterprise



**Document Control
& Management**

**Corrective & Preventive
Action (CAPA)**

**Built-in Certification
Document Support**

Audit Management

MANUFACTURING EXECUTION SYSTEM (MES)

Plex MES delivers real-time production control with quality and process discipline for effective manufacturing execution and operations management in a comprehensive, scalable, configurable cloud solution.

- Production control with end-to-end traceability
- Built-in, closed loop quality management
- Integration to enterprise-wide ERP solutions for seamless interoperability between plant floor manufacturing operations and top floor business operations.



**PRODUCTION
FINITE
SCHEDULING**



**CLOSED-LOOP
QUALITY
MANAGEMENT**



**INVENTORY
MANAGEMENT**



**PRODUCTION
MANAGEMENT**

stateelectric.com/smart-manufacturing





BY ROCKWELL AUTOMATION

Fiix CMMS

A complete cloud-based SaaS Computerized Maintenance Management System powered by the first and only AI engine for Maintenance allowing teams to manage their operations in an easy to use, mobile first, integrated platform. Providing a quick time to value.



Workorder Management

- Submit work orders and easily search, sort and track them.
- Schedule tasks using date, time, meter and event triggers.
- Attach procedures, task lists and parts lists to work orders.



Asset Management

- Asset information in a single system.
- Complete view of assets including status, history and procedures.
- Track equipment usage with and trigger tasks with real-time meters.



Parts Management

- Optimize inventory costs.
- Search for parts and get low part count alerts.
- Track product warranty information.
- Submit, approve and send purchase orders
- Calculate work order costs and automate reports.



Analytics


- Collect maintenance data on demand
- Generate actionable equipment intelligence.
- View real-time metrics across sites, projects, assets and users.
- Audit logs track what tasks were performed and by whom.

61%

In 2019, over 61% of manufacturers listed digital transformation as their biggest investment in maintenance.

OUR SOLUTIONS TEAM IS HERE TO HELP


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