PLEX ERP FOR AUTOMOTIVE MANUFACTURERS

A single source of truth for everyone from your top floor to your plant floor.

PLEX MAKE IT SMART™

BENEFITS OF PLEX ERP FOR AUTOMOTIVE MANUFACTURERS

End-to-End Business Visibility

In a globally distributed company, information may be spread across multiple, disconnected systems making it difficult to consolidate into a single version. Searching for the right information takes too many people too long and reduces the ability to make effective decisions in a timely manner. With Plex you get:

- A single system for access to business information for quick reporting — from anywhere.
- Real-time transparency up and down the value chain, connecting customers and suppliers.
- High-resolution traceability to any transaction ever entered into the system.

Manufacturing Agility and Control

The ability for manufacturers and their suppliers to optimize production while maintaining high quality is critical in keeping up with ever-changing demand and price pressure from competitors. Business systems must enable a proactive approach to respond to changes smoothly versus the business always being in reactive, fire-fighting mode. With Plex you get:

- Real-time intelligence at "the manufacturing moment" for timely decisions.
- Multiple planning methodologies to update schedules in real time.
- Integral quality to pinpoint and isolate problems immediately.
- Improved responsiveness to drive shorter cycle times and reduce scrap.

Drive Quality from a Fully Connected Cloud

Automotive manufacturers must deliver consistent, predictable quality. Unfortunately, traditional on-premise ERP systems often use manual quality processes that may differ from location to location, and are difficult to update in real-time. With Plex you get:

- In-line quality processes that ensure measurements, standards and guidelines are automatically delivered and measured throughout the enterprise.
- Always-current SaaS cloud ERP that eliminates traditional software upgrades and maintains manufacturing quality consistency.
- Digitized auditable processes that eliminate manual tasks, ensure quality, and free up high-value employees to deliver their true potential.

KEY FEATURES FOR AUTOMOTIVE MANUFACTURERS

Flexible, Lean Production Practices
Use Kanban scheduling, heijunka load levels, and poka-yoke features.

Real-Time Inventory
Automate data collection for high-resolution, error-proofing, inventory tracking and traceability.

Integral Barcoding and Printing
Capture every transaction to enable high-resolution traceability and even print customer-defined labels to streamline shipping and receiving.

Built-In Quality
Integral quality documentation using standard (ISO) practices for document authoring including FMEAs, control plans, and in-process checksheets for real-time SPC analysis.

Supplier and Customer Portals
Connect the entire value chain into a single source of business knowledge by collaborating more effectively.

EDI (Included)
Improve your supplier rating, reduce the need to expedite shipments, and increase overall customer satisfaction with fully integrated EDI.

Real-Time Dashboards
Monitor and report on any aspect of the business from anywhere in the world.

Overall Equipment Effectiveness (OEE)
Automatically capture OEE results for efficiency, quality, and performance.

Shop Floor Integration
Connect to shop-floor PLCs and other automation included.

Wireless Connectivity
Take advantage of built-in support for wireless device connectivity to plant-floor PLCs and other automation.

Hours Tracking
Automatically track employee attendance and work hours in real time to calculate accurate payroll and production cost by program or function.

Tooling Management and Maintenance
Complete tool management and maintenance to keep your facility in tip top shape.

APPLICATIONS

With the cloud-delivered Plex Smart Manufacturing Platform, you've got options that range from stand-alone quality management to a fully integrated, end-to-end solution that will power your entire enterprise.

Plex Enterprise Resource Planning (ERP) is a full-featured, scalable, cloud-based ERP that automates front- and back-office processes, including financial management, revenue management, human capital, order management, billing, and inventory. Plex ERP uniquely includes both MES and QMS in one integral plant floor to top floor solution.

Plex Manufacturing Execution Suite (MES) is a comprehensive manufacturing software solution that provides real-time, paperless production management to drive enterprise-wide compliance, quality, and efficiency.

Plex DemandCaster Supply Chain Planning (SCP) combines data from multiple departments across your business to sync up demand and supply forecasting to improve inventory accuracy and production management.

Plex Quality Management System (QMS) is a cloud-based digital quality solution for manufacturers that standardizes and automates quality documentation, processes, and measurements.

Plex Industrial IoT (IIoT) combines process, operational, and machine-level data through highly visual dashboards that empower manufacturers to improve business processes and plant floor production efficiency.

Plex Manufacturing Analytics supplies preconfigured, role-based dashboards and reports that display manufacturing-specific insights using industry-standard key performance indicators (KPIs).

ABOUT PLEX

Plex Systems, Inc.® is the leader in cloud-delivered smart manufacturing solutions, empowering the world's manufacturers to make awesome products. Our platform gives manufacturers the ability to connect, automate, track and analyze every aspect of their business to drive transformation. The Plex Smart Manufacturing Platform includes solutions for manufacturing execution (MES), ERP, quality, supply chain planning and management, Industrial IoT and analytics to connect people, systems, machines, and supply chains, enabling them to lead with precision, efficiency and agility.