

THE PLEX MANUFACTURING CLOUD

ERP for Heavy Equipment Manufacturers

Experience End-to-end Visibility and
Manufacturing Agility
Delivered on a Flexible Cloud Business Model



THE PLEX MANUFACTURING CLOUD

Heavy Equipment Benefits

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

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.

SCALABLE CLOUD BUSINESS MODEL













Scalability can be the key to supporting growth or causing it to stagnate. Unfortunately, traditional, on-premise ERP systems are inflexible and difficult to adjust — either up or down. With Plex you get:

- A common platform to streamline operations with shared applications and best practices.
- Unlimited users without licensing fees that put a strain on your budget.
- Daily updates without the software upgrades that put a strain on your IT staff.



THE PLEX MANUFACTURING CLOUD

Features Heavy Equipment Manufacturers Need

-  **FLEXIBLE, LEAN PRODUCTION PRACTICES**
Kanban scheduling, heijunka load levels, and poka-yoke features.
-  **REAL-TIME INVENTORY**
Automated data collection for high-resolution, error-proof, 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 (AIAG) 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)**
Conduct transactions with over 600 trading partners without an expensive add-on.
-  **REAL-TIME DASHBOARDS**
Monitor and report on any aspect of the business from anywhere in the world.
-  **OVERALL EQUIPMENT EFFECTIVENESS (OEE)**
OEE results for efficiency, quality, and performance are automatically captured by production interfaces.
-  **SHOP FLOOR INTEGRATION**
Connections to shop-floor PLCs and other automation included.
-  **WIRELESS CONNECTIVITY**
Built-in support for wireless devices, connections to shop-floor PLCs, and other automation.
-  **HOURS TRACKING**
Automatically track employee hours by program or function.
-  **TOOL TRACKING**
Complete tool management and maintenance to keep your facility in tip top shape.

THE PLEX MANUFACTURING CLOUD

Applications

BUSINESS MANAGEMENT

Accounting & Financials



Comprehensive Accounting
Flexible and Adaptive
Real-time Visibility

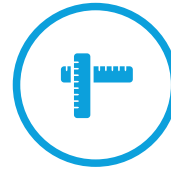
Human Capital



Unified Human Resources
Purpose Built for Mfg.
Integrated Labor

MANUFACTURING OPERATIONS

Products & Programs



Single Data Source
Change Management
Program Execution

Planning & Scheduling



Material Requisition Planning
Adv. Planning & Scheduling
Lean Production Practices

Enterprise Management



Enterprise Visibility
Consolidated Scalability
Centralized Control

Plex Platform



Airtight Security
Flexible Administration
Enterprise Connectivity

Inventory Management



Inventory traceability
Real-time Tracking
End-to-end Accuracy

Customers & Sales



Connected Customers
Flexible and Adaptive
Automated Processes

Suppliers & Purchasing



Supply Chain Collaboration
Quality Control
Automated Processes

Production Management



Agile Production Control
Tool Maintenance & Mgmt
Automation Connectivity

Quality Management



Enhanced Quality Mgmt
Supplier Quality
Standards Compliance

READY FOR WHAT'S NEXT?

Contact Plex at 855.534.8012
or visit plex.com

Plex Systems, Inc.® delivers industry-leading ERP, MES, and Industrial IoT solutions to manufacturers across process and discrete industries. Plex pioneered cloud solutions for the production line, connecting suppliers, machines, people, systems, data, and customers with capabilities that are easy to configure, deliver continuous innovation, and reduce IT costs. With insight from the shop floor to the top floor®, the Plex Manufacturing Cloud® helps companies see and understand every aspect of their business ecosystems, enabling them to transform their businesses and lead with precision, efficiency, and agility in an ever-changing market. Learn more at www.plex.com

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