

THE PLEX MANUFACTURING CLOUD

5 Keys Driving Successful Manufacturing CIOs and IT Leaders

Delivering business success through IT leadership requires discipline and focus on several key tenets.





As a technology strategist and leader you need a secure, agile ERP platform to increase efficiency, lower costs and adapt as your business changes.

Can your manufacturing software provide accurate inventory and production visibility to reduce waste and scrap?

Is your manufacturing software updated with new features and cutting-edge security capabilities without disruptions?

Do you have process automation to eliminate error-prone, costly paper processes?

Are you paying precious maintenance dollars for outdated software and finding yourself in a never ending cycle of upgrade planning?

Does your IT group provide the innovative tools and solutions needed to drive productivity?

Can your IT infrastructure routinely provide better than 99.9% enterprise software uptime?

#1: Ensure Security and Reliability

Your company relies on the IT organization to deliver secure and reliable software. As an IT leader, you need to create the policies that keep company, customer and user data safe and accessible while also making sure software doesn't fall behind.

CHALLENGES

Delivering modern, reliable, updated software platforms

Ensuring secure data access, storage and transmission

Safely integrating new productivity tools into the enterprise

WHAT PLEX BRINGS

Plex delivers 99.9 percent uptime on a secure cloud. Yet users have the flexibility to create tailored software policies and safely access the system over any device. Redundant geographically dispersed data centers have multi-layered physical security including biometric scanners, a bank vault design built to withstand natural disasters, redundant HVAC and power, and fault-tolerant network connections. Additional security capabilities like hardened firewalls, advanced antivirus scanning and vulnerability testing ensure that your data is safe.





#2: Create Efficiency and Cost Savings

As a manufacturing IT leader, you face the constant push and pull of having to deliver more savings and value while lowering cost. The company requires tangible payback while expecting better inventory management, less waste and greater visibility and tracking.

CHALLENGES

Ensuring accurate inventory visibility and tracking

Having too many error-prone manual and paper processes

Cannot scale efficiencies across plants with different software

WHAT PLEX BRINGS

Plex helps companies reduce waste and run lean by providing the inventory visibility and tracking needed to identify areas for improvement. Plex customers have an automated, connected system that eliminates error-prone manual data entry and paper processes while delivering accurate reporting. With a single cloud ERP software version across the enterprise, new capabilities are delivered simultaneously to every Plex customer location, driving company-wide consistency, efficiency and cost savings.

#3: Simplify Systems

Manufacturing IT leaders want to eliminate the confusing puzzle of disparate software systems and deliver one version of information truth across the entire enterprise. You seek modern, integrated systems that offer simplicity while eliminating the pain of maintaining software version control.

CHALLENGES

Difficulty keeping disparate software updated

Silos of information scattered across the operation

Unpredictable ERP costs as your business grows

WHAT PLEX BRINGS

Plex is a Software-as-a-Service (SaaS) Cloud ERP solution that eliminates software versions and upgrades, delivering one database with one set of information for the entire enterprise. With total automation and integration, users – including customers and partners – can access a single set of data from anywhere over any browser or device, ensuring total information consistency and accuracy.





#4: Drive Operational Value

As an IT leader you need the right system to measure and drive quality throughout the manufacturing process. You must ensure information accuracy and efficient workflows that support consistent processes and provide proper insight for decision making.

CHALLENGES

Automating workflow with audit trails for traceability and recall management

Quality checks to ensure customer success and reduced rework

Integrating systems to streamline workflow and data consistency

WHAT PLEX BRINGS

Plex delivers cloud ERP built with checks and balances throughout the manufacturing process so that you have fully automated material traceability to support quality, recalls and warranty claims. A consolidated, integrated and automated system, the Plex Manufacturing Cloud delivers consistency and operational efficiency that increases performance while adapting to business needs.

#5: Rapidly Innovate

IT must constantly innovate by adding business tools, reporting capabilities and capturing production data throughout the enterprise. From integrating new technology to supporting Internet of Things (IoT) possibilities, a fully connected, constantly updated, modern system is required.

CHALLENGES

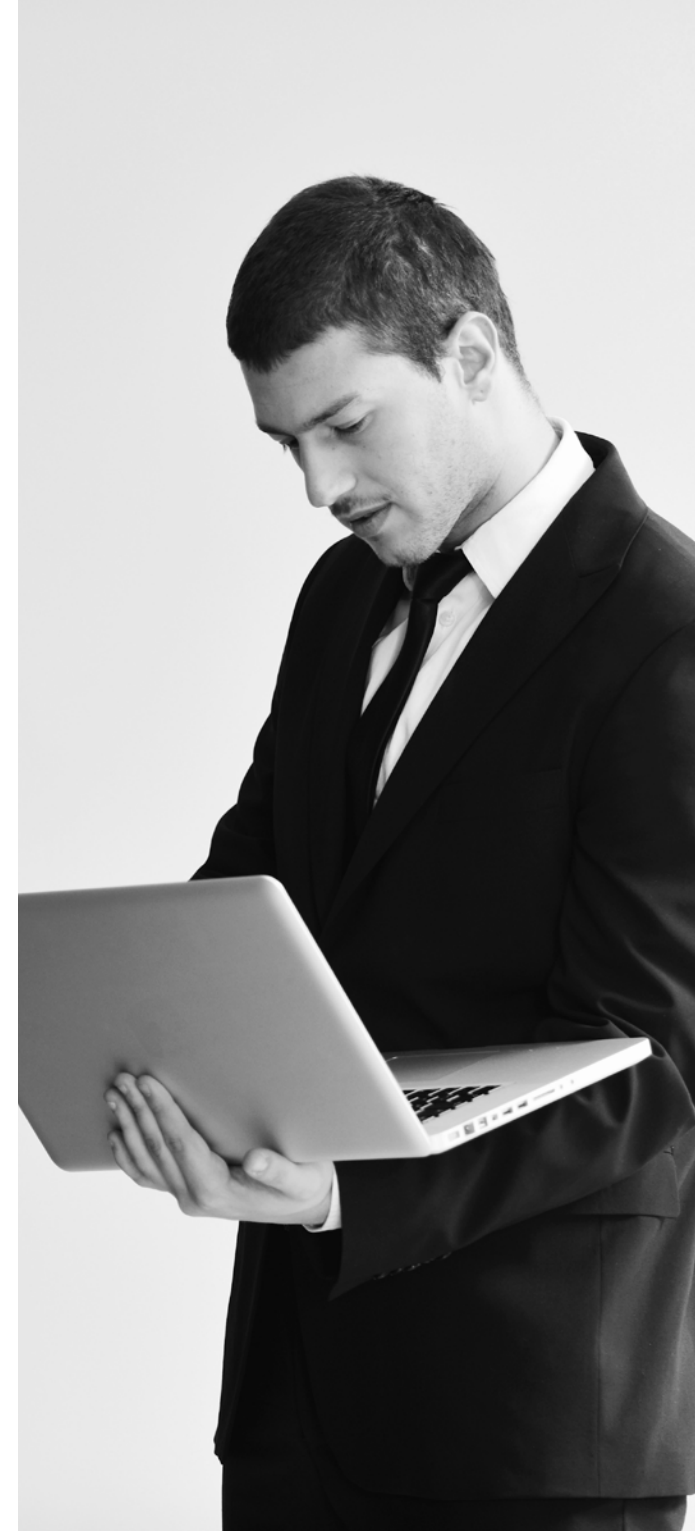
Providing new capabilities to all users simultaneously

Producing a single set of business data to drive decisions

Capturing machine and system data in one place

WHAT PLEX BRINGS

Plex is a manufacturing cloud solution with a continuous innovation methodology that gives your company access to the latest functionality without painful, disruptive, expensive upgrades. This has enabled many Plex customers to pivot IT staff focus away from hardware or software maintenance, and toward driving new value-added business processes and taking advantage of the latest innovations.







INDUSTRY

Manufacturer of customized products that include water and oil thermostats, thermal actuators, check valves and pressure regulation and pressure relief valves.

100% Data capture resulting in improved OEE
That translated into 30% additional business **30%**

 Increased employee engagement enables...
1.5 → **10**
1.5 times more effort... ...results in 10 times more output

0 Defects 
Accuracy on inventory and quality labeling resulted in accurate shipping

“What that gives us is real confidence in the processes we are running, the accuracy of the data we are capturing, the visibility of our operations, and the quality of the products we are creating and shipping to customers.”

Matt Shamblin,
Technical Services Manager



INDUSTRY

Developer and manufacturer of performance-critical, specialty elastomer-coated metals for automotive brake, NVH, and sealing industries

30%



Reduction in raw material and work-in-process inventory.
Reduced receiving manpower by 25%



Inventory process reduced 2 full shifts of 70 people down to 1 shift of 30 people

2 x 70 ▶ 1 x 30

First pass quality improved by

20%

“As other parts of the system came online, everything integrated and we now have an accurate, real-time picture of raw materials, work-in-process, finished goods, and customer orders. We’re also able to more accurately track the cost-per-job throughout the entire process. Before, we averaged it out at the end of the month.”

Plex Champion



RALCO

Innovative Products.
Intelligent Manufacturing.

INDUSTRY

Precision metal former specializing in welded assemblies, metal stamping, design, tooling, and prototyping

Reduced scrap rates by

60%



15%

Reduction in
inventory on hand

20%

Reduction in freight costs.
Expediting is rare!



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Dramatic inventory
reduction resulted in ROI in
under 1 year

“We get more advantage from Plex than we could with SAP or a similar system. This is the system of the future. Any company looking to outperform its competition and invest for the future will find its way to Plex.”

Jim Piper,
President

Plex means business! Its end-to-end ERP and plant management capabilities deliver tangible business benefits to its users.

- Real-time visibility and audit control
- Powerful reporting and rich analytics
- Comprehensive view and planning of the enterprise
- Streamlined financial and operational processes
- High returns from IT investments
- Timely and accurate regulatory reporting and industry compliance
- A high-performing and agile business

Manufacturing IT leaders rely on the Plex Manufacturing Cloud for:



Customers & Sales



Accounting & Financials



Enterprise Management



Human Capital



Suppliers & Purchasing

**ENTERPRISE RESOURCES
PLANNING (ERP)**



Products & Programs

PLEX
THE MANUFACTURING CLOUD



Planning & Scheduling

**MANUFACTURING OPERATIONS
MANAGEMENT (MOM)**



Production Management



Inventory Management



Quality Management

**MANUFACTURING EXECUTION
SYSTEM (MES)**

The Plex Manufacturing Cloud is trusted by modern manufacturers to power and connect their global operations from the plant floor to the top floor.



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