

THE PLEX MANUFACTURING CLOUD

The Four Compass Points for Quality Managers

Keep your organization on the path to prosperity with a closed-loop quality strategy that puts you ahead of the competition.

PLEX
THE MANUFACTURING CLOUD



Superior customer satisfaction is your goal, but can you improve quality, lower costs, and be compliant all at the same time?

Can you keep up with—or exceed—increasingly high customer expectations?

Does increasing complexity in your customer products make production processes more complex?

Are you able to drive down waste and scrap, or does it just seem to keep piling up?

Do you even know the cost of quality in your business?

Are you able to respond to a recall in an appropriate amount of time?

Are you spending way too much time on quality documentation with no discernable value?

Wouldn't you like to turn quality into a "profit center" instead of a money pit?

#1: Customer Satisfaction

You're laser focused on delivering customer orders on time and on specification, but are your systems and procedures helping or hindering? Could you "up your game" by incorporating closed-loop quality into everything you do?

CHALLENGES

Poor or inconsistent quality procedures.

Frequent returns, chargebacks, recalls.

Late orders, expedite charges.

HOW PLEX HELPS

Plex quality management was designed with built-in error-proofing as a core concept. Inspection procedures are initiated per the control plan, ensuring operators perform inspections as specified. Even deviation tracking and problem control are integral processes in Plex, so doing the right thing is the easiest way to deliver quality products resulting in customer satisfaction.





#2: Compliance

Despite quality being “Job One” in so many mission statements, the reality is that compliance is the name of the game. Are your compliance activities merely a check in a box, without improving quality performance?

CHALLENGES

Ever-changing industry requirements.

Multiple regulatory bodies to satisfy.

Customers increasingly passing risk on to suppliers.

HOW PLEX HELPS

Plex is a database-driven solution that records actual production and automates quality compliance documentation. It comes complete with templates for major industry compliance and was designed to support standard supply chain best practices. And with top-to-bottom and end-to-end connectivity, you can monitor your suppliers' compliance for easy reporting to your customers.

#3: Documentation and Audits

The paper-chase to keep your records up-to-date can take your eye off the ball for delivering high quality on time. How long does it take you to pull the proper documentation in the case of an audit?

CHALLENGES

Paper-based processes that are too hard to manage.

Multiple data sources that make reporting difficult.

Numerous audits that disrupt operations.

HOW PLEX HELPS

For every action in production there is a digital transaction in Plex, so managing and finding “documentation” is as easy as calling up the proper form. No paper handoffs, no manual user input errors, no lost documents. Plex works from a single source of truth, so there is no hunting through multiple places for compliant documentation. Auditors love Plex because everything they need is in one place, so audits take hours instead of days.





#4: Continuous Improvement

Lean manufacturing is a journey—not a destination—and if you let up even for a moment, your competitors will pass you by. How can you drive for continuous improvement (CI) without tools that were designed to be lean?

CHALLENGES

Need for continuous training for operators.

A departmental versus company-wide view of quality.

Procedures that people always follow.

HOW PLEX HELPS

Plex was designed around the concepts of lean thinking to eliminate the waste that is typical in many production environments. Integrated error-proofing protects against the kind of workarounds that result in process short-comings. Built-in continuous improvement and preventative maintenance modules help you manage your own CI initiatives to beat your competition to the finish line.



INDUSTRY

Precision metalformer of components primarily used for powertrains in automotive and agriculture



Instant credibility with customers by having a sophisticated, leading edge system in place



1/2

The resources to maintain the same revenue



Improved Supplier quality by extending Plex to supply chain

“Because we’ve been using Plex from the start, we’ve been able to avoid hiring three or four people. We’re a lean operation so that makes a big difference in our overhead.”

Dan Januszek,
Assistant General Manager



INDUSTRY

Specializes in Crisis Manufacturing Management™, machining and assembly, and component recertification

Seconds



Is all it takes to answer an inventory question.



Track the location of every part from the time it enters the building.

0

Non-conformances

0

Areas needing improvement

Recertify Quality

Recover about 85 - 90% of scrap shipped.

Nets customers from \$1M - \$8M per year - every year.

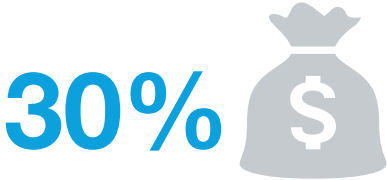
“We decided to expand our use of Plex and implemented its complete Quality Management System. Using Plex made earning ISO/TS 16949 and ISO 9001 so much easier than what the typical company has to go through. Plex brought real value to our company.”

Richard Najarian,
President



INDUSTRY

Leader in the transporting and routing of fluids, fuels, and gases for motor vehicles



Reduction in ERP operating costs in the first year

Days → Minutes

Reconciliations that used to take days for accounting are now completed in minutes



The whole package



The cloud solution provides access to consistent, accurate, real-time business information

“If there is a quality issue, responses are fully integrated across the entire supply chain. Suppliers don’t have to enter their quality information into a separate system to develop their metrics.”

Mike Gerber,
IT Director

The Plex Manufacturing Cloud empowers Quality Managers with closed-loop quality tools to:

- Improve First Pass Quality Yield by 20%.
- Reduce scrap rates by more than 60%.
- Reduce annual expedite freight costs by more than 20%.
- Respond to mock recalls in seven minutes.
- Complete audits in hours versus days.

Quality Managers rely on the Plex Manufacturing Cloud for:



Customers & Sales



Accounting & Financials



Supply Chain Planning



Human Capital



Suppliers & Purchasing

**ENTERPRISE RESOURCES
PLANNING (ERP)**



Products & Programs



Planning & Scheduling

**MANUFACTURING OPERATIONS
MANAGEMENT (MOM)**



Production Management



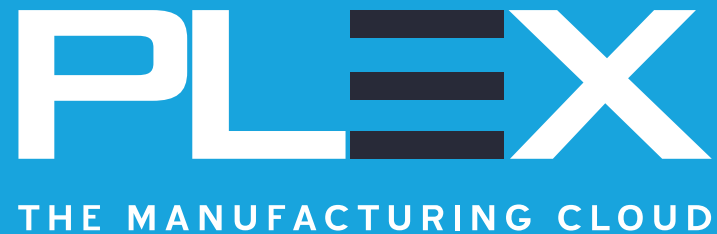
Inventory Management



Quality Management

**MANUFACTURING EXECUTION
SYSTEM (MES)**

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



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