

SOLUTION
OVERVIEW



QUALITY MANAGEMENT SYSTEM (QMS)



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Driving Quality and Winning
New Business for Manufacturers

THE FUTURE OF SMART MANUFACTURING IS NOW.

Meeting customer demands, maintaining regulatory requirements, and competing in a global market all hinge on one critical aspect of your manufacturing business – product quality.

It can feel like you're swimming upstream when you're trying to sustain high quality levels while at the same time trying to reduce cost or find efficiencies.

Luckily, it is possible to take control with the addition of an advanced quality management system in our toolkit.

Integrating digital quality management into your production flow ensures you can meet and exceed regulatory and customer requirements.

YOU HAVE SYMPTOMS. WE HAVE SOLUTIONS.

Okay, so you already have some form of quality management in place – but does it really do much to help your business grow? Custom-made approaches to quality management and home-grown systems are insufficient to meet the complexities of today's manufacturing environment.

If your quality management is like many manufacturers, you are dealing with manual processes and spreadsheet-based quality control with no governing process. With increasing product complexity on one hand and continuous efforts to reduce cost on the other, the challenge to maintain quality continues to grow.

Poorly Integrated Quality

It's near impossible to gain the visibility needed to measure and ensure quality using disconnected systems and processes. This means the risk of recalls rises, customer risk increases, and costs can soar.

Unmanageable Document Control

Paper-driven document management quickly leads to outdated information and loss of control. This results in high costs of compliance, but can also lead to the loss of certifications or worse, customers.

Can't Identify Root-Cause Of Problems

Product recalls are on the rise, yet many manufacturers still struggle to store and track the data necessary to rapidly react to recalls and protect their reputation.

Inability To Keep Up With Changing Regulations

It seems that every few weeks there are new regulations and guidelines. It can be next to impossible to implement the changes in an analog environment before you have another risk on your hands.

Plex Quality Management System (QMS) offers manufacturers increased quality visibility and real-time data capture to ensure repeatability, predictability, and compliance management.

Plex QMS makes it possible to digitally manage quality with accurate, real-time quality content aligned to industry and product requirements. And you gain increased operational excellence.

PREDICTABLE. REPEATABLE. ACTIONABLE.

Quality is the foundation of every manufacturer's business. But many manufacturers are beginning to realize the tremendous value digital quality management provides. Quality management that not only operationalizes compliance efficiently, but also inherently error-proofs production operations. This is when quality stops being just a process and becomes a competitive edge to win new business.

Plex QMS drives and maintains quality by ensuring a predictable and repeatable process. This helps meet industry standards and customer regulations, and ensures compliance. It provides a single source of truth for your documents and results in greater profitability.



CONNECT

Quality documentation and standards available in real time across the enterprise.



AUTOMATE

Quality processes and checksheet data automated and updated in real time.



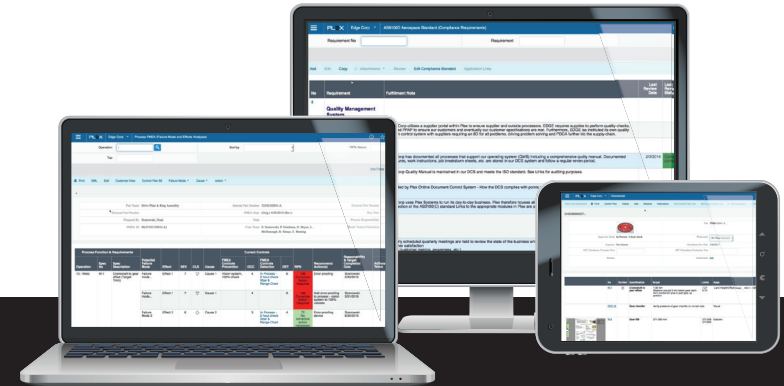
ANALYZE

Quality performance available through digital control plans and document control.



TRACK

Quality measured in-line with clear reporting and data access for simple audit tracking.

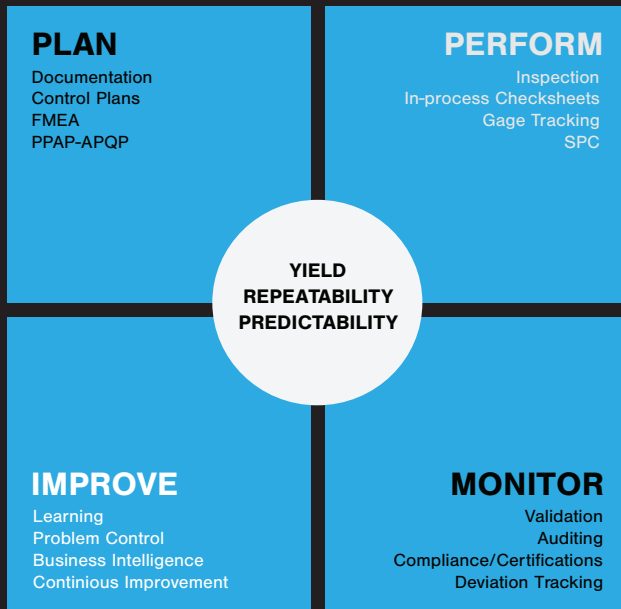


PLEX QUALITY MANAGEMENT CAPABILITIES

- ✔ Documented control, process instructions, policies, procedures, and record retention
- ✔ Digital quality document authoring
- ✔ Digital checksheets
- ✔ Inherent error-proofing that automatically stops production if quality is out of specs
- ✔ Deviation tracking
- ✔ Gauge management
- ✔ Integrated system and workflow for regulatory compliance
- ✔ Supplier quality management
- ✔ Proactive alerting and statistical process control (SPC)
- ✔ Single quality repository and dashboards

WHAT GOOD LOOKS LIKE.

Plex QMS uniquely supports closed-loop quality from a “Plan-Do-Check-Act” perspective, enabling continuous improvement of quality processes. Enhance your manufacturing efficiency initiatives through root-cause analysis, continuous improvement, defect prevention, and supplier management.



**PLAN
DO
CHECK
ACT**

DOCUMENT CONTROL AND MANAGEMENT

Quality requirements and documentation are available and shared in real time across the enterprise, making a formalized procedure a breeze.

CORRECTIVE AND PREVENTIVE ACTION (CAPA)

CAPA is integrated with inventory and lot tracking, supplies, rejections, and general shipping to help you track down to the container or individual part level.

AUDIT MANAGEMENT

In the event of an audit, digital in-line quality management makes it fast and simple to pass audits.

BUILT-IN CERTIFICATION DOCUMENT SUPPORT

Coordinate quality activities across teams and centralize submission tracking for easy access by customers and suppliers.

SIX STEPS TO QUALITY MANAGEMENT SUCCESS

DIGITIZE QUALITY.

Eliminate manual quality errors to align with industry standards. This helps you meet or exceed customer requirements.

CONTINUOUS LEARNING AND IMPROVEMENT.

Manage ongoing lean manufacturing initiatives across your facility while involving (or collaborating with) customers and suppliers through portals.

INSTILL AND INSPECT YOUR PROCESSES.

Coordinate quality activities cross-functionally using a single information source to help ensure high-quality products and facilitate flawless launches.

INCREASE VISIBILITY.

Centralize quality information and documents for data-driven insights, more accurate quality actions, and root cause analysis.

VALIDATE QUALITY REPEATEDLY.

Ensure that you meet quality standards that are crucial for your industry with flexible, configurable compliance methodologies.

IMPROVE DATA MANAGEMENT

Organize and manage recorded data in real time and ensure your records are always in sync, while removing obsolete documents from circulation.

PLEX QMS SIMPLIFIES QUALITY AND MAKES YOU LOOK GOOD.



MAINTAIN A COMMITMENT TO QUALITY

Continuous improvement cycles with integrated quality standards and processes in a digital system of record helps drive and maintain quality.



INCREASED CUSTOMER SATISFACTION

With repeatable and predictable quality delivery, you'll look like a rockstar in your customers' eyes.



ALWAYS RECALL READY

Access real-time, contextual data to help in the case of a recall or audit with enhanced visibility and genealogy.

“Our lean approach has allowed us to maintain capacity while simplifying our operations across the value chain. What that means for customers is that they are assured a premium quality product, delivered consistently on time at a reasonable cost.”

Paul Wright,
Accuride Corporation

WE DON'T HAVE TO TELL YOU PLEX WORKS. YOUR RESULTS WILL.

MANAGE COSTS FOR A HEALTHIER BOTTOM LINE

By taking a predictive approach to quality management, our customers reduce costs, scrap, and risk. This helps open up opportunities to scale the business and gain a competitive edge

MINIMIZE RISKS TO REPUTATION

With the ability to document quality thoroughly and store this data for several years, Plex QMS customers are always recall-ready and able to protect their reputations.

CONSISTENTLY DELIVER ON CUSTOMER COMMITMENTS

Losing just one customer can impact profitability. Plex QMS customers readily retain their current customers as loyal purchasers by delivering quality products on time—every time.

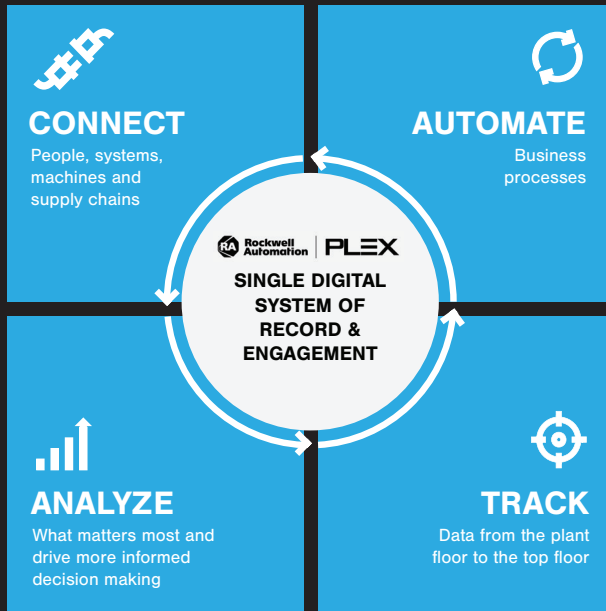
WITH PLEX, YOU'LL GET FASTER TIME TO VALUE

Plex QMS was designed to be implemented quickly and easily. Our customers can go from idea to production in a matter of hours and easily add capabilities over time. Projects that may take weeks with other software providers go live and begin delivering value in days with Plex.

FUTURE PROOF YOUR BUSINESS WITH THE PLEX SMART MANUFACTURING PLATFORM™

The Plex Smart Manufacturing Platform™ was born on the plant floor and is purpose built for smarter manufacturing—today and tomorrow.

In a single digital system of record and engagement, Plex makes it possible for manufacturers to reach new levels of visibility, quality, and control throughout their operation.



THE PLEX SMART MANUFACTURING PLATFORM™ APPLICATIONS

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



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.



PRODUCTION MONITORING

provides seamless connectivity to machines on the plant floor, delivering transparent, real-time operational KPIs and dashboards to drive continuous improvements.



PLEX ENTERPRISE RESOURCE PLANNING (ERP)

is a full-featured, scalable, cloud-based ERP that automates front and back-office processes.



MES AUTOMATION AND ORCHESTRATION

connects your Plex MES to the plant edge to control information flow, processes, and work center setup adding efficiency, saving costs, and eliminating manual errors.



PLEX QUALITY MANAGEMENT SYSTEM (QMS)

is a cloud-based digital quality solution for manufacturers that standardizes and automates quality documentation, processes, and measurements.



ASSET PERFORMANCE MANAGEMENT (APM)

combines process, operational, and machine-level data through highly visual dashboards to proactively monitor machine and plant health to ensure optimal uptime, through put, and maintenance needs.



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.

YOUR QUALITY STORY DOESN'T STOP HERE...

ABOUT PLEX

Plex, by Rockwell Automation, is a 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, asset performance management, production monitoring, process automation and analytics to connect people, systems, machines and supply chains, enabling them to lead with precision, efficiency and agility. To learn more, visit www.plex.com

