QUALITY MANAGEMENT

Product quality is the instrumental in meeting consumer demands and regulatory requirements in today's global markets. As products and processes become more complex, efforts to reduce cost, increase transparency, and make it challenging to sustain high quality levels. Though initiated by the automotive industry, today's advanced quality methodologies are quickly gaining adoption in other industries.

Enhanced Quality Management

Improve your overall performance, reduce the cost of quality, and mitigate the risk of recalls by making quality management a real-time, proactive process that is integral to your ERP and Manufacturing Execution systems. As an active member of the Automotive Industry Action Group (AIAG), Plex follows the guidelines of this industry leading organization.

Standards Compliance

Quality control plans and compliance documentation are embedded in the platform to help you achieve and retain quality certifications important in your industry (ISO, TS, QS). Provide customers with best-in-class quality certification and provide auditors with instant access to proof of compliance so their audits take hours instead of days.

Supplier Quality

Supplier scorecards managed directly in Plex provide you with end-to-end visibility of your entire supply chain. Your Plex-enabled suppliers can utilize Plex to fill out checksheets in your system to automatically validate quality in real time before materials get to your system. This paperless collaboration process facilitates quicker, more comprehensive quality analysis.

QUALITY MANAGEMENT CAPABILITIES

Enhanced Quality Management

- Embedded Control Plans ensures error-proof quality process execution on the shop floor.

- Built-in FMEA templates for failure mode effects analysis.

- Statistical Process Control (SPC) for real-time and historical analysis of process capabilities.

- In-line checksheets ensure that inspections are completed in accordance with your control plan before production can be recorded.

- Problem Control and Issue Management drives problem solving and root cause analysis for supplier, customer or internal issues.

- Advanced Product Quality Planning (APQP) to coordinate the quality activities of cross-functional teams and help ensure flawless product launches.

- Centralized management and tracking of Production Part Approval Process (PPAP) submissions for easy access by customers and suppliers.

Standards Compliance

- Support for TS 16949 for continual improvement and defect prevention reduces variation and waste in the supply chain.

- Inspection data is automatically collected in-process, handling capability studies, dock audits, final inspection sheets, and user-defined checks.

Supplier Quality

- Supplier Portal enables suppliers to collaborate on corrective actions, complete product inspections, and submit and maintain relevant documents.

- Supplier Scorecards to manage and maintain supplier performance records.

- Supplier PPAP module.

- Audit and Checklist modules to help track and execute layered process audits.

> **"Plex in our production facilities, brought with it a foundation of change and visibility. We gained a better understanding and control of our inventory and increased our operational efficiencies by reducing human errors, decreasing our scrap rates, and increasing the quality of our products by identifying production errors earlier in the process."**
>
> **-Motus Integrated Technologies**

Plex Quality Management support all aspects of a closed-loop, enterprise quality management solution.