

THE PLEX MANUFACTURING CLOUD

ERP for Plastics & Rubber Manufacturers

Quality Compliance and Operational Efficiency
Manufacturing Execution and Control
Responsive Supply Chain in the Cloud



THE PLEX MANUFACTURING CLOUD

Plastics and Rubber Manufacturers Benefits

OPTIMIZED OPERATIONS WITH QUALITY

Plastics and rubber manufacturers constantly deal with volatility of raw materials costs and ever-increasing price competition while expected to consistently deliver high-quality products efficiently. With Plex you get:

- The ability to isolate quality problems and contain the scope of tainted products to minimize recall and non-compliance exposure.
- Mold/die management and maintenance with full tracking for better tool use.
- Attribute-based finite scheduling to minimize changeover and cleaning times.
- Embedded lot traceability to track inventory as it flows through supply chain and shop floor processes, including regrinding and mixing.

MACHINE INTEGRATION AND CONTROL

In a world of margin pressure, plastics and rubber manufacturers need to identify every opportunity to control inventory, optimize production and labor, and minimize waste. With Plex you get:

- Increased productivity with an error-proofed MES control panel that connects operators with everything they need.
- Optimized inventory levels to minimize excess inventory and avoid delays or disruptions caused by stockouts.
- Real-time OEE tracking and flow rate, cycle times, and other production data to measure and drive continuous improvements.

CONNECTED SUPPLY CHAIN MANAGEMENT

Plastics and rubber manufacturers face tough competition with shorter product lifecycles, smaller-size orders, and fluctuating demand. With Plex you get:

- Cloud-based supply chain connectivity for real-time self-service capabilities through portals and greater supply chain collaboration with embedded EDI.
- Comprehensive supply chain planning functionality to better forecast demand and balance it with capacity to deliver on the promised SLA.
- Flexible master schedule updates for timely course corrections.
- Real-time reporting of inventory movement with barcoded labeling and packaging to ensure that the right material is delivered to customers.

THE PLEX MANUFACTURING CLOUD

Features Plastics and Rubber Manufacturers Need

COST AND QUOTES MANAGEMENT

Cost Management is completely embedded in every shop floor activity to deliver accurate quoting and estimating data.

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

A common control panel that enforces completion of checksheets to ensure that workstations are cleaned, maintained, and prepped to industry or customer specifications.

SUPPLY CHAIN PLANNING

Balance growth, cost, inventory, and production with real-time shop floor data to effectively forecast—and deliver on—your customer demands.

LOT MANAGEMENT

Accurately manage and track inventory by lots as well as by individual attributes that describe inventory characteristics.

MANUFACTURING INTELLIGENCE

Gain enterprise-wide insight into the performance of your business and manufacturing operations.

OVERALL EQUIPMENT EFFECTIVENESS (OEE)

OEE results for efficiency, quality, and performance are automatically captured by production interfaces.

MACHINE INTEGRATION

Connections to shop floor PLCs and other wireless automation devices.

FLEXIBLE, LEAN PRODUCTION

Kanban scheduling, heijunka load levels, and poka-yoke features. Attribute-based finite scheduling to minimize changeover and purging/cleaning times.

TOOL TRACKING

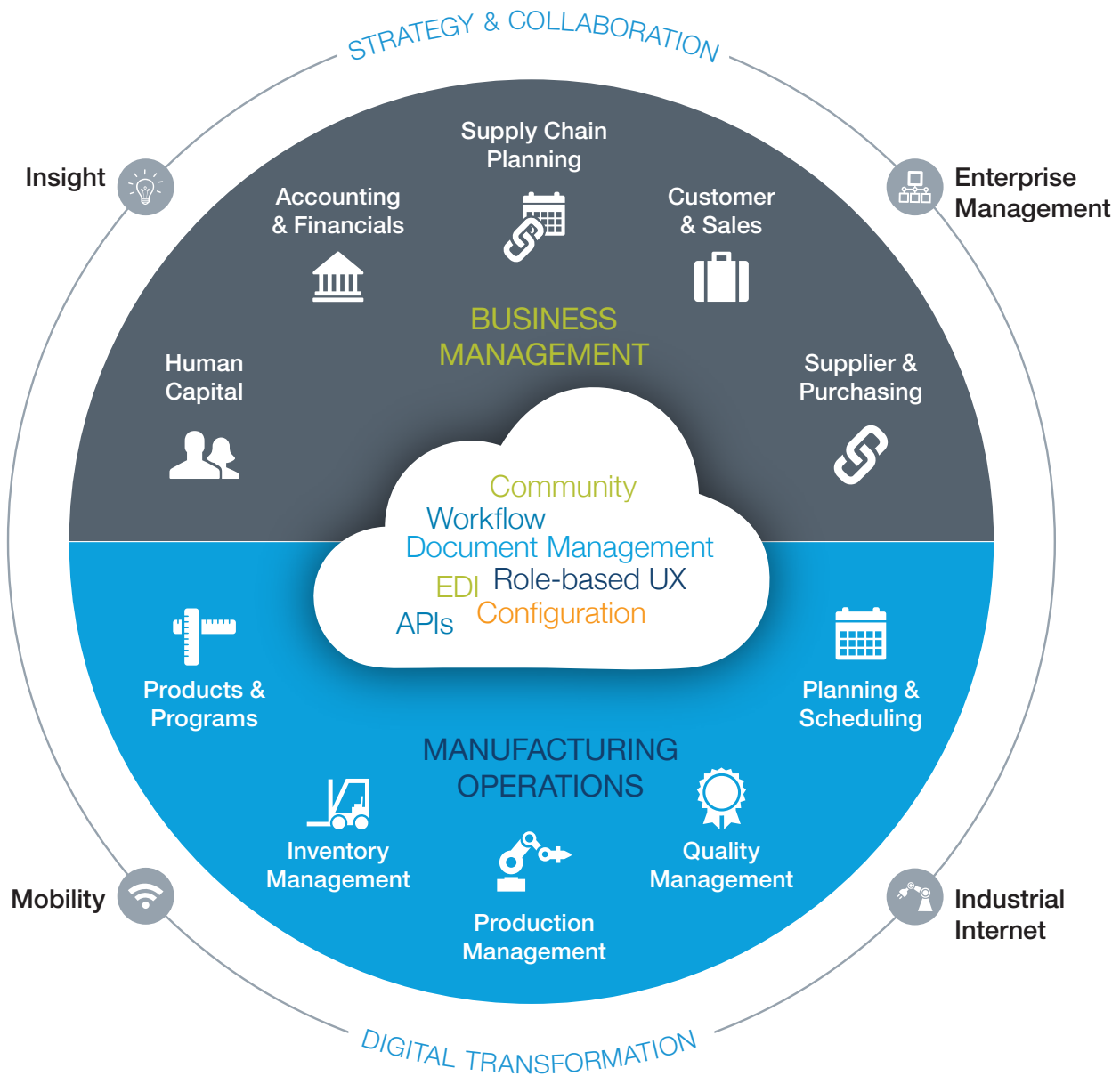
Complete tool management and maintenance to keep your production efficient and optimized.

ADVANCED TRACEABILITY

Complete genealogy of all inventory, upstream and downstream, including tracking of materials in Gaylords and shared source for silos.

THE PLEX MANUFACTURING CLOUD

Applications



About Plex

Plex is the Manufacturing Cloud, delivering industry-leading ERP and manufacturing automation to more than 600 companies across process and discrete industries. Plex pioneered cloud solutions for the shop floor, connecting suppliers, machines, people, systems, and customers with capabilities that are easy to configure, deliver continuous innovation, and reduce IT costs. With insight that starts on the production line, Plex helps companies see and understand every aspect of their business ecosystems, enabling them to lead in ever-changing markets. Learn more at www.plex.com

Plex Systems, Inc. Privileged and Confidential Information. Copyright ©2018 Plex Systems, Inc. All rights reserved.