Manufacturing Execution and Intelligence Systems

Achieve Full Potential with Real-Time Insight

See Clearly, Take Action

Epicor manufacturing execution and intelligence systems help you make the right decisions with accurate, clear, and timely manufacturing data.

No matter what size business you run, we keep everyone in the loop, and put production and operations metrics into the hands of the people who need it most: leaders who define strategies and teams that put tactics into play.

By focusing on operational performance within your plant or across the plant network, we help you reduce costs and make decisions faster.

Gain Productivity, Reduce Downtime

Much more than OEE, we help with real strategies for improvement. When you reduce waste, inventory, and downtime, and optimize equipment, capital and worker resources with Epicor, you drive performance gains.

Real-time production information boosts your Continuous Improvement initiative, and lets you discover hidden opportunities to increase quality and yield. With more free capacity and jobs running on schedule, you can consistently exceed customer expectations, and gain more business.

Capture One Set of Facts, Right Now

Knowing which changes have the greatest impact on the bottom line makes it easy to pinpoint critical process and production issues and solve them before they affect quality, customer service, throughput or costs.

Capture a single set of facts throughout your business, and help everyone see what they need to do to improve performance. Line workers tackle throughput and quality, plant managers focus on cost and productivity, and executives zero in on resource optimization.

Manufacturing Intelligence

Clear, accurate information about OEE, downtime and waste are provided by Informance EMI. Coupled with insight to understand the underlying reasons for performance issues, you know immediately which changes will have the greatest impact.

Executives and operations professionals use real-time information to understand what is happening at-a-glance and drill down to analyze problems and causes by asset, line, plant, region, product group, customer, or any other angle.

- Dimensional root-cause analysis with unlimited, logical drill-down
- Over 2,000 out-of-the box customizable analytics and reports
- Dashboards with easy-to-understand graphs, tables and dials

Benefits

- Increase efficiency and enhance continuous improvement efforts with clear manufacturing facts

- Improve cycle time, plant productivity, scheduling, and machine downtime

- Increase Overall Equipment Effectiveness (OEE) by focusing on the right problems

- Answer key questions around operational, plant, enterprise, and financial performance

- Drive world class efficiency by linking existing enterprise resource planning (ERP) with our manufacturing execution and intelligence systems

EPICOR

Business Inspired™

Clear Answers to Key Questions

Operational Performance

- Which orders should I run next?
- Why is OEE low? How do I improve?
- Do I have the raw materials needed?
- Should I make product, or pull from finished inventory?
- Are orders completed to specs?

Plant & Enterprise Performance

- Where can I obtain 5% more capacity?
- How do I reduce inventory?
- Which investments will improve performance?
- What are my most efficient plants?
- Should we expand or contract out?

Financial Performance

- What are my key loss categories?
- What are my best products?
- Who are my best customers?
- How much do specific losses cost?
- Which assets are most efficient?
- How do I reduce labor costs?

Production Monitoring

Epicor MES collects production data directly from equipment and operators on the shop floor using touch-screen technology in real time, eliminating inaccurate and time-consuming manual data collection. Real-time information and alerts help pinpoint critical issues, reduce waste, and improve quality and customer service. Whatever the issue, everyone throughout the plant can take action to improve manufacturing performance.

- Real-time alerts for downtime, scrap, equipment conditions
- Machine, product type and SKU performance analysis, including cycle counts and rates
- Automatic parts qualification and on-the-fly re-routing on violation
- OPC and analog connectivity

Process Control

Want to tackle problems before they cripple performance? Real-time Statistical Process Control (SPC) quickly uncovers inefficiencies and root-causes, so that your entire operations team can become proactive, anticipating and solving process condition problems before they affect productivity.

- Batch analysis with cycle time metrics, root cause analysis, and variable analysis
- Part weights and dimensions, critical machine process parameters
- Automatic 24/7 machine process data

About Epicor

Epicor Software Corporation is a global leader delivering business software solutions to the manufacturing, distribution, retail, and services industries. With more than 40 years of experience, Epicor has more than 20,000 customers in over 150 countries. Epicor solutions enable companies to drive increased efficiency and improve profitability. With a history of innovation, industry expertise, and passion for excellence, Epicor inspires customers to build lasting competitive advantage. Epicor provides the single point of accountability that local, regional, and global businesses demand. For more information, visit www.epicor.com.

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