Epicor® Informance® EMI for
Food and Beverage

Benefits

- ▶ Reveal opportunities for improvement and gain clear perspective to prioritize actions
- ▶ Enhance and sustain productivity gains
- ▶ Support continuous improvement initiatives
- ▶ Evaluate the financial impact of improvement strategies before you take action
- ▶ Avoid capital investments, reduce inventory, and increase working capital

Real-Time Insight to Improve Manufacturing Performance

Food and beverage manufacturers have unique challenges—from meeting the changing demands of big-box retailers, to complying with industry food safety and sanitation requirements. In today's Industry 4.0 world, it is becoming even more important to use technology to gain a competitive advantage. Keeping pace with environmental responsibilities, economic conditions, and market uncertainty can burden manufacturing capacity and place continuous improvement initiatives at risk—making it difficult to control supply chain costs and remain profitable.

EPICOR.

Manufacturing intelligence from Epicor lets you monitor your production line performance in real time with the Internet of Things (IoT), and—perhaps more importantly—it creates transparency around operational losses.

With losses clearly identified, the Epicor Informance EMI suite of analytics can help you focus your continuous improvement efforts on the most critical opportunities. Quickly unlock hidden capacity, increase productivity without additional capital investment, reduce inventory and labor costs, and increase working capital. Epicor plant and enterprise manufacturing intelligence helps food and beverage manufacturers accelerate operational performance initiatives like lean, Six Sigma, TPM, and other continuous improvement methods; drive operating strategies; and capture actionable insight for manufacturing improvement.

Keep score with real-time facts and easy-to-understand metrics for your entire team

Knowing the score is the first step to helping your team make better decisions, and with Epicor EMI, you get real-time, accurate manufacturing data to help improve processes and stimulate growth. No matter how big or small your business is, we can keep everyone in the loop and put production and operations metrics into the hands of the people who need it most—line workers who put tactics into play and leaders who define strategies. We help you focus on operational performance on the line, within your plant, and across the plant network to reduce costs and make decisions faster.

Increasing Efficiency

25%
Increase in overall equipment effectiveness (OEE) in the first full year

Diageo

33%
Reduction in minor stops—eliminating manual tracking

Unilever

20%
More product per shift with 40% less labor

Cargill Salt

With real-time data, you can take action when it will have the greatest impact—as soon as problems surface. Epicor delivers powerful, real-time analysis with more than 2,000 out-of-the box report options that you can customize for operators, team leaders, and plant managers. The ability to drill down into the data and analyze by order number, SKU, shift, line, crew, plant, and many other standard and customizable characteristics is as easy as point-and-click.

▶ Access clear, easy-to-understand analytics that show OEE, downtime, and other important key performance indicators

▶ Improve cycle time and resolve issues before they become a problem with alerts, notifications, and real-time production displays

Know which actions will have the greatest impact on performance

Are you fixing the right problems? Does your team have the necessary information to make decisions? Measuring overall equipment effectiveness (OEE) is a good start, but OEE by itself doesn't provide enough insight to tackle the right problems. Measuring downtime and the relevant reasons that affect optimum performance can reveal issues that you wouldn't know about otherwise—including equipment and process interruptions, people, slow speeds, raw materials, and many others. Epicor delivers OEE plus downtime and root-cause analysis, so you can quickly identify the real problems and devise meaningful solutions.

▶ Improve OEE and plant productivity with rich, real-time downtime analysis

▶ Increase visibility for management and the workforce—leverage business intelligence and create a visual factory

▶ Know in advance which actions have the greatest impact with the least investment of time and money

▶ Develop strategies for operator efficiencies, material usage, and machine downtime

Align plant tactics with top floor strategies for transformational improvements

When corporate objectives change, how do you align the production network so that every plant makes a meaningful contribution? Do you know which issues prevent some sites from achieving operational excellence and what they can learn from top-performing facilities? Epicor helps you uncover common issues that can lead to transformational improvement with significant ROI. Powerful analytics, exception-based alerting, and integration to enterprise ERP, MES, CMMS, COMM and other systems gives corporate decision-makers the manufacturing intelligence they need every day. More importantly, you can have the power to quantify the financial impact of improvement strategies before you put them into action.

▶ Aggregate, contextualize, and analyze data across multiple plants, production lines, and asset types

▶ Model and test manufacturing scenarios to prioritize actions

▶ Determine which actions are the right ones for each plant

- Visualize and communicate financial impact of improvement strategies and programs
- Create strategies by region, product family, process, and asset type with enterprise manufacturing intelligence
- Monitor performance and the relationship with corporate objectives

Accelerate and build on performance gains with Impact, benchmarking, and standard rates analysis

Now that you know the score, do more with your improvement program with Epicor Impact services. Our manufacturing improvement experts will work with you and your team to understand what the metrics mean and how to interpret information for maximum results. We won't just tell you the answers—we'll show you how to uncover hidden opportunities, take action, and monitor progress.

Want to create a bit of competition or help your company create a performance culture? We'll help you become a benchmarking expert—whether you have one plant or many, you can leverage gains and best practices from line to line, shift to shift, across plants, and throughout the entire network. Real-time manufacturing performance data adds a new dimension for your benchmarking initiatives and helps you correlate practices and performance. You can use internal benchmarking as a starting point to understand how you stack up against your industry peers and develop an action plan for improvement.

Have you neglected standard rates and planning rates? If production efficiency consistently exceeds 105 percent, rates may reflect budget standards. If production efficiency routinely falls below 75 percent, it might be time to review machine speeds. Epicor can help you analyze, adjust, and set standard and planning rates to stop sabotaging performance and eliminate idle lines and backlogs.

About Epicor

Epicor Software Corporation drives business growth. We provide flexible, industry-specific software designed to fit the precise needs of our manufacturing, distribution, retail, and service industry customers. More than 45 years of experience with our customers' unique business processes and operational requirements are built into every solution—in the cloud or on premises. With this deep understanding of your industry, Epicor solutions dramatically improve performance and profitability while easing complexity so you can focus on growth. For more information, connect with Epicor or visit www.epicor.com.

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