Epicor for
Energy

Functionality

- ▶ Maintenance Management ensures up time of mission critical assets
- ▶ Product Lifecycle Management (PLM) for complex engineering-intensive product control
- ▶ Embedded project management supports efficient cost and schedule visibility
- ▶ Supports mixed-mode manufacturing
- ▶ Mobile Field Service for workflow-based data collection

An Innovative Breakthrough to Overcome the Barriers to Success for the Energy Industry

Whether you manufacture, maintain, build, or install in support of the energy industry, or provide services to that industry, Epicor understands you must manage complex projects, control your processes, reduce costs, comply with regulations, and respond to a new set of challenges each day. Epicor provides the solutions and tools needed to adapt to change, meet and exceed customer expectations, and address market pressures that will distinguish your business from the competition.

Epicor for Energy is a global enterprise resource planning (ERP) software solution designed for organizations who supply products and services to the energy industry. The solution goes beyond traditional ERP to provide project management, mobile field service management, maintenance management, financial management, asset management, customer relationship management (CRM), supply chain management (SCM), and more.

EPICOR.

Optimization Through Embedded Project Management

To be successful in a project environment, project management must permeate every aspect of your business solution and link design, engineering, sales orders, jobs, tasks, milestones, purchase orders, field service calls, installations, budget, and cost information to each project. Companies that are able to efficiently meet the demands of managing their portfolio of projects have a distinct advantage over their competition.

Epicor Project Management is a comprehensive solution for managing complex projects that can require intricate multilevel phases, as well as strict costing and complex billing inherent to the energy industry. Embedded within the robust capabilities of Epicor Project Management are the capabilities to perform detailed estimation, planning, scheduling, costing, and supply chain logistics for complete control and analysis of any project. Resource Management provides a detailed representation of resource capabilities and availability for projects. Time and expense management and approval ensure projects accurately reflect true costs and the comprehensive billing and revenue recognition functionality guarantees compliance with contract requirements and accounting standards. At all times, throughout the whole process, embedded project analysis and reporting, combined with business process management (BPM), provide accurate and up-to-date status information and meaningful alerts. Bidirectional integration with Microsoft® Office® Project provides an additional tool to use to easily manipulate the schedule and simplify the planning of any project.

Closed Loop Communication Increases Value Chain Efficiency

At all times, it is necessary for a manufacturer to have closed loop communication amongst its suppliers and customers to obtain full efficiency in the value chain. Closed loop communication is supported by linking the trading partners, processes, and systems that make up your supply chain. It drives industry-leading performance and provides a way to differentiate yourself from the competition. Removing processes that do not add value and synchronizing processes within and outside a company enable you to meet customer demands for lower cost and faster delivery. Epicor provides effective coordination from initial raw materials to the ultimate consumption of the finished product by providing the collaboration you need throughout your value chain.

Agile Production Management

In this competitive world, manufacturers must provide high quality products, on-time delivery, and innovative product design to stay ahead of the competition. Manufacturers must have the ability to deal with increasing globalization, cost reductions, and constant changes in customers demands and expectations.

Product manufacturers, contractors and service providers for the energy industry must be able to increase their operational agility without jeopardizing quality, while being flexible enough to meet customer requirements. For the manufacturer, Epicor for Energy supports a variety of production approaches ranging from discrete, to mixed-mode, engineer-to-order, and make-to-order.

The planning workbench allows seamless access to the scheduling board for more detailed job management. Regardless of manufacturing technique, access all job-related actions in a single view, including the creation of new jobs, changing job requirements to match changing demand, and allocating and reallocating jobs to satisfy changing customer demand.

Maximize Equipment Effectiveness

Epicor Mattec® Manufacturing Execution System (MES) empowers energy product manufacturers with real-time performance data and the ability to eliminate inaccurate and time-consuming manual data collection. Producers who extend their Epicor system with automatic production monitoring enable operators to focus on making quality product–they anticipate and avoid problems, eliminate downtime, and maximize throughput–all from the front lines, and long before issues can affect performance. The real-time data also provides instant, accurate insight on equipment status and tool effectiveness, so you can achieve informed lights out manufacturing. The "production pulse" paves the way for accurate, consistent performance metrics so the entire team can focus on getting better–Overall Equipment Effectiveness, run rates, scrap, yield, and much more. It's all delivered in a way that makes sense for each individual–from the shop floor to the top floor–with operator depth and dimension to help you pinpoint and tackle chronic loss. Better performance with Epicor Mattec MES helps you boost quality, customer service, and competitiveness. Epicor Mattec MES supports digital and analog machine signals directly from machines or sensors, or via PLC or OPC-compliant PLC.

Service with Mobility

Epicor Service Management optimizes customer service with timely response to customer requests and puts knowledge in the hands of customer service personnel. Epicor understands that customers want rapid response service. From initial contact with the customer regarding an incident, to in-the-field operations, to processing returns quickly and efficiently, Epicor Service Management provides the visibility and accountability your business needs and ensures the timely and accurate execution of service contracts. Additionally, this solution holds the historical activities against the contract to better meet customer expectations.

Epicor Field Service is designed for people who install, repair, or service offsite, or at the plant or depot. You can centralize all processes related to the dispatching of technicians and cost reporting of service calls in the field. The application supports drop shipment of service parts directly to the customer site. It is also set up for a single interface, so a dispatcher can track all stages of each service call with just a few mouse clicks.

Epicor Mobile Field Service is an enterprise mobility solution for field service providers incorporating comprehensive field service functionality and full data synchronization in an easy-to-use, workflow-based mobile application for wireless PDAs.

Enterprise Maintenance Provides Increased Plant and Equipment Productivity

An effective enterprise maintenance management solution for monitoring and managing the deployment, performance, and maintenance of company assets may be the single most important tool for preventing operational surprises. Epicor Maintenance Management enables the asset-intensive energy industry manufacturers and services organizations to save time and money by optimizing maintenance resources, improving equipment up-time, and increasing maintenance staff productivity. It has been designed to address maintenance request processing, planned preventative maintenance (according to predefined schedules), and ad hoc break/fix maintenance processing for a single piece of equipment.

Integrated Process Quality Management

Quality Management creates a means of complying with regulations and maintaining product integrity within the energy industry, thereby reducing the returns from customers, lowering warranty costs, and ultimately resulting in more satisfied customers. Industry and regulatory compliance requires three basic capabilities: process control, documentation, and visibility. The Compliance and Audit solution, implemented in concert with Epicor Advanced Quality Management core capabilities, enables you to automate your business processes, share key information, provide process documentation and traceability, and track existing and potential issues through effective resolution.

Provide Real-Time Visibility to Support Exception-Driven Philosophy

Built directly into all Epicor applications, Epicor Dashboards permit the combination of capabilities such as inquiries, ad hoc reports, workbenches, graphical analyses, tactical business intelligence, alerts, and business monitoring—all in a single dashboard.

Epicor Social Enterprise

Epicor Social Enterprise is a collaboration solution that provides a fundamental shift in the way Energy organizations engage with their ERP to make decisions about their business. Fully

embedded within Epicor ERP to enable access to all the business information, Social Enterprise fosters cross-company collaboration bringing social media concepts and contextual information together in a single tool where everyone is able to collaborate directly with each other around Epicor ERP. This allows people to share information with each other building up knowledge bases, working together to solve problems (crowd sourcing), while creating a repository in which no good ideas are lost. Users do not need in-depth knowledge of the Epicor toolset to subscribe and unsubscribe to information as and when they want. Epicor Social Enterprise will enable real-time collaboration in areas critical to success for your Energy business processes such as; bid and proposal preparation, project management, engineering change control, and quality improvement initiatives.

Robust Technology Framework

Epicor is uniquely positioned with a comprehensive suite of applications based on 100% service-oriented architecture, protecting your investment in software and services well into the future. Why are web services so important, particularly in the energy industry? Outside of all the reasons organizations look to web services for deployment; speed, stability, reusability, and more; for companies who support the energy industry, the incentive is eminent to drive electronic collaboration more firmly into their supply chain. Web services connection is fast becoming a necessity to doing business.

Supporting your business strategies with applications built on service-oriented architecture (SOA) keeps the door open for Energy businesses by meeting both the immediate requirement for scalability while supporting an open philosophy in the event your business strategy changes. SOA simplifies the coming together of established infrastructures to make acquisition and merger less painful—attractive to companies looking to acquire.

Flexible Deployment Options

As your business grows and changes, you need a solution that can grow and change with you. As a single solution able to be deployed on premise, hosted, or in the cloud, Epicor for Energy provides unprecedented deployment flexibility. For example, if your business has limited IT resources you may opt to initially deploy the solution in a hosted model or in the cloud. As your business changes you may subsequently opt to redeploy Epicor ERP on premise.

Epicor is one of the few vendors to have architected a full multitenant software as a service (SaaS) and on-premise version out of a single product and is the only leading vendor who has deployed it to customers.[1]

Industry Leading Service and Support

Epicor has over 40 years of experience delivering industry focused, world-class solutions, and ongoing customer care and service to over 20,000 customer installations. It is a true global solutions partner with support offices all over the world. The key vehicle that transforms Epicor for Energy into a successful business solution is our Signature Implementation Methodology. Epicor delivers among the most cost effective and efficient techniques to plan, design, validate and deploy your Epicor solution. Staffed with direct employees around the globe who are properly trained and equipped with world-class implementation tools, Epicor follows our proven 5-stage Signature Methodology designed specifically around Epicor software and our customers. The end result is an on-time, on-budget implementation of your Epicor solution that allows your company to quickly begin using Epicor for Energy in day-to-day operations saving you time and money by providing broad functionality at a lower total cost of ownership.

[1] Magic Quadrant for Single-Instance ERP for Product-Centric Companies, Gartner Inc., September 11, 2013

Encompass Solutions Inc. is a dynamic and deeply experienced organization that provides expertise in ERP and business application systems.

Our consultants provide support and leadership to companies world-wide who are looking to analyze and refine their operations, whether through selection and complete implementation of state of the art ERP systems, integration and renovation of existing systems or analyzing and providing solutions to corporate challenges.

Contact us for more information on Epicor Products and Services

336.790.2071   info@encompass-inc.com   http://www.encompass-inc.com

en>compass

EPICOR®

Platinum Partner