

Epicor for Electronics and High Tech



Electronics and High Tech at Business Speed

The electronics and high tech industry has never needed to move faster than today. With finished products typically having a life-cycle of six months or less, and competition coming from around the globe you need to optimize your planning, production, purchase, sale and after-sales processes to be leaner and more agile than your competitors. But it's not enough to be faster, you also need to be first to market to maximize profit.

Epicor understands that you want to focus on your products and need a business software partner that supports all aspects of your enterprise, wherever you are in the supply chain. We know that you may be a subcontractor to another vendor one week, yet sell finished goods the next and OEM technology or products in the future. We understand the global nature of the electronics and high tech business, with short end-product shelf-lives combined with after-sales support driving your whole market. If you want to excel and move at the speed of business you need Epicor for Electronics and High Tech.

Made with Manufacturers for Manufacturers

Capture the true value of cloud ERP with Kinetic, a solution made with manufacturers, for manufacturers. An intuitive, configurable, and guided user experience with embedded learning helps you maximize your profitability with real-time business intelligence and built-in collaboration tools.

Kinetic has the functionality you need to run a modern, future ready business poised to capitalize on data, transform digitally, and innovate without limits. All the features you need to scale, compete, and attract top talent to your organization.

Trust the manufacturing expertise of Epicor to gain the momentum and know-how you need to accelerate growth and innovation. This is the future-focused face of manufacturing.

Supporting Your Business Processes

With rapid product obsolescence, extended after-sales support requirements, complex supply chains and long purchase lead times

that drive production planning, businesses like yours are streamlining and adopting new technology to automate business processes for more competitive lead times and reduced waste.

Epicor for Electronics and High Tech is a global enterprise resource planning (ERP) software solution designed for manufacturing and distribution organizations who supply products and services to the Electronics and High Tech industry.

Epicor for Electronics and High Tech provides a comprehensive framework for managing product innovation with solid product data management, quality process controls and cradle-to-grave product traceability.

Putting Your Customer at the Center of Your Business

Electronics and High Tech manufacturers are continually being monitored for delivery performance, cost, and quality by their customers. In an effort to assist your organization in maintaining your premier status as an electronics and high tech supplier, Epicor for

Electronics and High Tech offers a suite of functionality designed to put the demands of your customer first. Embedded Customer Relationship Management (CRM) functionality provides complete workflow for each quote, including customer sign-off, at each critical stage from initial design through estimate. Additionally, with embedded Demand Management and full Electronic Data Interchange (EDI) collaboration, customer demands can be implemented in real time.

Lean Production

With increased global competition in electronics and high tech and the demands of an online supply chain, customers have more influence than ever before. Customers are demanding greater product flexibility, smaller, more frequent deliveries, and higher product quality, at a lower price.

Businesses are widening the scope and focus of lean principles to encompass all processes that contribute to the bottom line. The true benefits of lean thinking will only be fully realized when the entire enterprise adopts the lean ideology. Engineering change order (ECO) processes are supported—including the ability to have as many 3D models as desired and any number of derived technical drawings from one or more CAD systems assigned to each part.

Specific functionality has been developed in Epicor for Electronics and High Tech operations that are adopting work order less Kanban manufacturing strategies in part or fully to pull rather than push products through the manufacturing process. Epicor Lean Manufacturing Kanban functionality supports this.

Keeping Pace with Demand Planning, Forecasting and Scheduling

In the fast-paced electronics and

high-tech industry, inventory is always at risk of becoming obsolete. In order to be successful at managing this risk, you must be able to perform demand planning, forecasting, and scheduling effectively. Epicor for Electronics and High Tech enables effective and accurate demand planning, forecasting, and scheduling to ensure accurate inventory levels to meet customer expectations and minimize risk.

Forecasting and Master Production Scheduling (MPS) in Epicor are designed to assist electronics and high-tech manufacturers and Distributors with both day-to-day control and long-range planning and decision making. Forecasting and MPS support your business strategies and can be generated from multiple historical sources (e.g., sales, invoice, and inventory usage history).

Epicor for Electronics and High Tech Offers a number of forecasting methods from the simple to the complex to meet the needs of your business.

The scheduling engine uses several factors that affect production quantity, setup time, production time, capacity, priority, and so on to calculate how long it will take each job to complete. It then displays the schedule through the Job Scheduling Board, the Resource Scheduling Board, and the Multi-Resource Scheduling Board.

Epicor Advanced Planning and Scheduling incorporates the strength of the scheduling engine and enhances it with advanced functionality such as multiple constraint scheduling, a wide range of scheduling methods, visual drag-and drop scheduling, capability, and dependent capability-based scheduling, real-time capable-to-promise functionality, and advanced material planning functionality.



Maximize Equipment Effectiveness

Epicor Advanced MES empowers electronics and high-tech 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 Advanced MES helps you boost quality, customer service, and competitiveness. Epicor Advanced MES supports digital and analog machine signals directly from machines or sensors, or via PLC or OPC-compliant PLC.

Diversifying Your Workforce

In this business climate, many manufacturers are stepping up new programs for recruiting new workers and cross-training existing workers. Along with these new initiatives, new industry mandates require strict proof of competence, and training are forcing manufacturers

to move beyond their excel spreadsheets to systems that automate tracking of the workforce. Epicor Human Capital Management (HCM) is a comprehensive, configurable human resource information system (HRIS) that empowers users by automating your HR processes enabling you to meet strict mandates for employee skill, certifications, and qualifications.

Supporting Extended and Global Operations

With competitive pressures driving many manufacturers to expand globally where labor is considerably less expensive coupled with the recent trends in plant consolidations, many manufacturers today, both large and small, find themselves suddenly managing multiple sites disparately.

Epicor for Electronics and High Tech offers comprehensive multisite capabilities coupled with a global presence to meet your company’s requirements for local support.

Competing globally and domestically—bridging geographic and strategic diversity and eliminating supply chain inefficiencies—can be accomplished with the technologies to streamline Intra and inter company processes and communicate quickly and accurately.

Synchronization of complex relationships which determine supply, demand, and fulfillment is the means to reaching new, industry-leading levels of business performance, all while adhering to global standards for trade of parts such as GTIN-14 and RoHS compliance. Epicor for Electronics and High Tech can help you achieve maximum efficiencies across your globally extended enterprise.



Human Capital Management

- Core HR
- Global HR
- Candidate Self-Service
- Employee Self-Service
- Talent Management
- Training and Development
- Position Control
- Timesheets

Service and Asset Management

- Service Management
- Returned Material Authorization
- Service Contract and Warranty Management
- Case Management
- Maintenance Management
- Field Service Management

Production Management

- Job Management
- Advanced Production
- Kanban Lean Production
- Data Collection
- Advanced MES
- Quality Assurance
- Quality Management System

Supply Chain Management

- Purchase Management
- Supplier Connect
- Supplier Relationship Management
- Inventory Management
- Advanced Material Management
- Advanced Unit of Measure
- Shipping and Receiving
- Quick Ship
- Warehouse Management
- Supplier EDI and B2B Integration

Planning and Scheduling

- Forecasting
- Master Production Scheduling
- Smart Demand Planning
- Material Requirements Planning
- Scheduling and Resource Management
- Advanced Planning and Scheduling
- Infinite, Finite, and Constraint-Based Scheduling

Financial Management

- Global Engines
- General Ledger
- Accounts Receivable
- Accounts Payable
- Tax Automation
- Financial Planning and Analysis
- Financial Reporting
- Credit Card Payments
- Cash Management
- Credit and Collections
- Asset Management

Customer Relationship Management

- Contact Management
- Marketing Management
- Lead and Opportunity Management
- Case Management
- CRM Mobile
- Integration to Salesforce.com*

Sales Management

- Estimate and Quote Management
- Order Management
- Sales Order Automation
- EDI/Demand Management-Point of Sale
- Commerce Connect
- Dealer Network Portal

Product Management

- Bill of Materials
- Routings
- Engineering Change and Revision Control
- Document Management
- CAD Integration
- Product Lifecycle Management
- Product Costing
- Product Configuration

Project Management

- Project Planning and Analysis
- Project Generation
- Project Billing
- Resource Management
- Contract Management
- Planning Contract
- Time Management
- Expense Management
- Advanced Project Management

Governance, Risk, and Compliance

- Corporate Governance
- Risk Management
- Security Management
- Business Process Management
- Global Trade Compliance
- Electronic Reports Engine
- Environmental and Energy Management

Cloud Business Platform

- Mobile, Browser-based Experience
- Virtual Agent
- Collaborate
- Enterprise Search
- Epicor Learning
- Business Process Management
- Enterprise Content Management
- Business Workflow Automation
- IoT and IIoT Applications
- eCommerce Platform
- EDI and B2B Integration
- Electronic Reports Engine
- Application Studio Configuration
- REST Services and Epicor Functions
- Updatable Dashboards
- Epicor Integration Cloud
- Deployment Flexibility
- Microsoft Azure Cloud
- Security Management

Business Intelligence and Analytics

- Operational Reports/Dashboards/IIoT/OEE
- Descriptive Analytics (Business and Financial User Reporting/Dashboards)
- Diagnostic Analytics (Scorecards/KPIs, Financial Planning)
- Predictive Analytics (Forecasting)
- Data Warehousing
- Role-Based Analytics and Business Intelligence
- Mobile Business Intelligence

Global Business Management

- Multicompany Management
- Multicurrency Management
- Global Multisite Management
- Multilingual Data Management
- Master Data Management
- Scalable, Distributed Deployment
- Global Engines

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Epicor Collaborate

Epicor Collaborate is a collaboration solution that provides a fundamental shift in the way electronics and high-tech organizations engage with their ERP to make decisions about their business. Fully embedded within Epicor Kinetic to enable access to all the business information, Collaborate 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 Kinetic.

This allows people to share information with each other building up knowledge bases, working together to solve problems (crowdsourcing), 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 Collaborate will enable real-time collaboration in areas critical to success for your electronics and high tech business processes such as; quote preparation, new product innovation, engineering change control, and quality Improvement initiatives.

Deployment Flexibility

Leadership in global cloud ERP is in the DNA of Epicor and meeting the changing needs of your business with flexible cloud solutions delivers on business growth today and into the future - wherever that growth takes you. Kinetic is cloud ERP with deployment choice of public cloud, on premises, or hybrid cloud. Hybrid cloud allows businesses to step into the cloud with extensions without running their entire ERP in the cloud. As the solution offered uses the same technology, regardless of cloud or on premises, businesses can also choose to self-host the solution or work with a 3rd party. Multinational organizations benefit from additional flexibility as distributed business units have deployment choices across the enterprise with some sites choosing cloud and others choosing on premises deployment. The latter because of the region or remote geography challenges for cloud.

Connected Systems Help Businesses Execute Strategies

The Epicor architecture of industry leading technologies is at the core of Epicor Kinetic. It is the foundation upon which businesses execute strategies and achieve objectives, operating seamlessly and effectively in the background and enabling highly optimized business productivity.

Epicor has been a consistent leader and innovator for global ERP solutions built using state-of-the-art connected systems architecture. Connecting systems focus based on SOA was chosen because ERP thrives as a high-performing, approachable service that connects people, systems, and processes.

Business strategy today is so very tightly coupled with technology strategy—and technology is partly responsible for shaping the culture within a company that ultimately drives competitiveness.

Responsive ERP That is as Mobile as You Are

The days of coming to the office, logging into an ERP system, then leaving it all behind at the end of the day are long gone. Work has moved beyond a PC in a cubicle or office to the customer site, on the plant floor or in the warehouse, in the field, or on a supplier visit. In today's always connected world, users demand access 24/7, with a consistent experience that flows between devices. Support for touch and gestures and the ability to fully interact with business systems—beyond simply drilling into analytics—is the new normal.

End-user demands for greater control over the user experience are increasing. Individuals expect to be able to manipulate screens and dashboards in a manner that is relevant to a particular role, task, or point in time.

Epicor recognizes the challenges these competing demands can have, and the implications for ERP to help ensure enthusiastic adoption throughout the organization. We focus on ensuring that our business architecture and business solutions enable you to stay ahead of the curve, and your users are fully productive however they choose to interact with Epicor Kinetic. With a history of almost 50 years in ERP software, we have evolved to provide end-to-end productivity solutions in the electronics and high tech industries.

We offer a portfolio of platforms and modules, secure in the cloud, curated to provide you with a complete solution set for your business. We're cloud-first with the flexibility to offer choice to those who are on the journey

to cloud, so you have exactly what you need to run your business today and tomorrow.

Our solutions are made with you, for you. Our team members come from the industries we serve – we know your business because we've been in your shoes. With innovative technology, we're here to accelerate your ambitions to compete and win.

Industry Leading Service and Support

Epicor has 50 years of experience delivering industry-focused, world class solutions, and ongoing customer care and service to over 24,000 customer installations. It is a true global solutions partner with support offices all over the world. The key vehicle that transforms Epicor for Industrial Machinery into a successful business solution is our Signature Implementation Methodology. Epicor delivers one of 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 Electronics and High Tech in day-to-day operations helping you save time and money by providing broad functionality at a lower total cost of ownership.





EPICOR

We're here for the hard-working businesses that keep the world turning. You're the companies that make, move, and sell the things we all need. Trust Epicor to help you do business better. Your industry is our industry, and we understand you better than anyone. By working hand-in-hand, we get to know your business almost as well as you do. Our innovative industry solution sets are carefully built to fit your needs and respond flexibly to your fast-changing reality. We accelerate ambitions, whether you want to grow and transform, or simply become more productive and effective. That's what makes us the essential partner to the world's most essential businesses.

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