

CMS Solution Highlights

Built for Your Industry

Epicor CMS is used in a wide range of automotive part manufacturing operations from agile make-to-order applications to repetitive production under long-term supply contracts.

At Epicor, we understand your need to rely on an ERP system to effectively manage the resources and planning elements of your business—the lifeblood of your company. Reducing costs, seamless integration, and instant real-time access to information is critical to the success of your organization.

With Epicor CMS, we have designed a system with the automotive industry specifically in mind. We know about tight supply chains and the importance of EDI and can assist you to run your automotive part manufacturing business more efficiently and profitably. With over 800 automotive plants running on Epicor CMS we understand the stringent requirements your industry needs and can help you implement world class best practices.

Electronic Data Interchange (EDI) / Order Management Features

- Embedded automotive EDI support for CUM, RAN, and Pull signal environments
- Honda® approved
- Over 4000 EDI maps are available out of the box
- CUM Matching utilities
- Support for X12, Edifact, Odette, and VDA Standards
- In-line vehicle sequencing from both 866 and broadcasts supported
- Model year roll utilities
- Available to promise logic on inventory, WIP, and capacity
- Customer Relationship Management
- EDI workbench

Production and Shop Floor Features

- Multi-location and multi-plant
- Touch screen Human Machine Interface (HMI) for use on the shop floor
- Machine monitoring to automatically capture machine status information and part counts
- Plant floor viewerto see real-time status of machines on the floor



Epicor CMS

Common Industries

Metal Processing

Forming and Stamping

Plastic & Rubber Injection Molding and Extrusion

Plastic Sheet Thermoforming and Processing

Blow Molding

Electronic Assembly and Components

Fastening and Springs

Foam

- Automotive part reporting based on the signal from the machine
- Lineside labeling
- Material Replenishment Monitor automatically notifies the material handler when the material is needed at a machine
- Family parts (Multi-cavity operations)
- Outside vendor services processing and tracking
- Embedded whiteboard drag-and-drop advanced planning and scheduling tools
- Repetitive and work order manufacturing environments supported
- Virtual Kanban production environment supported
- Supports backflushing and issuing of material
- Supports validation of material
- Container tracking
- Partial Pack Reporting
- Track production across shifts
- Labor tracking

Traceability

- Traceability from cradle to grave
- Serial/Lot tracker for easy genealogy research
- Track inventory by lot, serial, VIN or heat
- Unique sub-lot control (coil, roll, rod, box, etc.) tracking
- Track material specifications such as chemical composition, steel mechanical attributes, material type and grade, coating, dimensions, and more
- Load material at production to verify correct material is being used
- Associate employee and resource to label for even better traceability

Labeling / Container Management

- Supports standard or serialized bar code labels
- Supports full container serialization via labels
- Link master and mixed load labels to serial labels
- Print 3 of 9, PDF417, UPC, Code 128, and many more formats
- RFID capabilities
- Collection devices and RF guns
- In-Line Vehicle sequencing labels
- Track returnable and expendable containers



Lean manufacturing

- Virtual Kanban module allows the operators to determine what to produce next based on real-time material usage by internal and external customers
- Enables setting of key metrics for the purpose of short and long term analysis
- Calculate demand based on average, actual or manual
- Color-coded priorities based on hours on hand
- Electronic Kanban for purchased components

Inventory Control

- Reordering logic global or by plant or warehouse
- Item and WIP balances maintained real-time
- Tracks material allocations and shortages by Item, work order, or job
- FIFO tracking and shelf-life tracking
- RF control and dispatch of materials handlers
- Unique sub-lot control (coil, roll, rod, box, etc.) tracking
- Serialized inventory tracking by container, master or mixed load
- UPC and GTIN tracking
- Supports part imaging on-screen with definitions
- EC management and notifications with effectivity dates
- Physical & Cycle Counting Modules
- Real-time production, labor, and inventory issues and receipts posting
- Bin Management
- Container Tracking

Costing and Bills of Material

- Separate labor, variable burden, fixed burden, material, and outside service cost buckets
- Duty, exchange rate and user defined factors can be included in the cost of items
- Burden calculator allows you to factor in many different cost elements
- Standard cost, actual and weighted average costing is supported
- Track multi-level Bill of Material's
- Substitute material can be defined
- Phantom parts and blow through parts supported
- Future, Frozen, and current cost buckets.
- Setup future bill of materials
- Engineering change module included
- Support for recipe type BOM
- Byproduct support
- CAD/PLM Integration



Shipping

- Automotive Shipping Scheduler shows truck time, dock, RAN number and more
- Cubing utility calculates what can go on a truck
- USMCA certificates and paperwork supported
- Customs paperwork supported
- Available to Ship Utility calculate what can be shipped based on current inventory
- Support for Honda shipping process
- Customer, Internal, Outside Service, Supply Chain Direct, Repair Type BOL supported
- Just in sequence shipments supported
- Master BOL support
- Dock monitor allows your shipping team to visually see the status of shipments

eBusiness and Web Services

- Customer B2B web access to place orders, inquire on order deliveries, price lookups etc.
- Supplier B2B web access for release details, input screens for shipment details, quality discrepancies, and vendor scorecards
- Web Services API's available for most areas of the software

Quality Control

- Create inspection control plans by part and routing sequence
- Support dispositioning - scrap, rework, "as is", downgrade, return to vendor
- Receiving Inspection Schedules
- Online Production Inspections
- Destructive testing
- Rework procedure and cost calculations
- Support for APQP and PPAP
- FMEA capabilities
- Quality alerts

Analytics

- Cloud based Mobile Data Analytics Tool with out of the box dashboards for:
 - Accounts Payable
 - Accounts Receivable
 - Production
 - Shipping and Invoicing
 - Sales
 - Inventory

Procurement

- Support for blanket and standard type Purchase Orders
- Progressive Supplier planning and shipping schedulers
- Vendor EDI
- Supplier Portal
- Web-based supplier scorecard
- Material Requirements Planning (MRP)
- Requisition and PO approval capabilities
- Buyer workbench
- Support for Outside Service type Purchase Orders
- MRO Purchase Support
- PO Quotations
- Vendor contact event log
- Track purchases by commodity
- Vendor consignment

Financials

- AP, AR, GL and Fixed Assets
- Project management and costing module
- Multicurrency
- User-defined financial statements (spreadsheet format)
- Activity-based amortization of tooling
- Calculated average collection days and cash forecasting
- Automated Clearing House (ACH) transactions
- Retroactive Billing
- Electronic Remittance Advice processing
- Positive Pay
- Intercompany Sales and Inventory Transactions
- Budgeting and Forecasting
- Tax support

Estimating

- Full integration of estimating module to standard routings, costs, purchasing systems, and production
- Complete module ready to "plug and play" with data
- Approve quotes and electronically send them to customers/prospects
- Track quote losses
- Support for one time parts
- Separate costs into the material, labor, fixed burden, variable burden, outside service, and miscellaneous buckets
- Setup user-defined miscellaneous cost buckets
- Estimate based on price quantity breaks
- Apply Flat Charges based on user-defined categories

In Line Vehicle Sequencing

- Support for both 866 and broadcast type sequencing
- Track Vehicle Identification number through shipping to accounts receivable
- Maintain sequenced goods by commodity
- Reverse sequence containers and trucks
- Sequence at pack or production

System Functions

- Proactive alerts when business events occur (event monitor)
- Easy to use analytics report builder
- Multilanguage by user sign-on
- Online ticketing and direct phone support
- Support knowledge database
- User and system security



EPICOR

We're here for the hard-working businesses that keep the world turning. They're the companies who make, deliver, and sell the things we all need. They trust Epicor to help them do business better. Their industries are our industries, and we understand them better than anyone. By working hand-in-hand with our customers, we get to know their business almost as well as they do. Our innovative solution sets are carefully curated to fit their needs, and built to respond flexibly to their fast-changing reality. We accelerate every customer's ambitions, whether to grow and transform, or simply become more productive and effective. That's what makes us the essential partners for the world's most essential businesses.

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