



## Manufacturing Edition

Acumatica supports multiple manufacturing methodologies, including make-to-stock, make-to-order, engineer-to-order, project-centric, job shop, batch, and repetitive manufacturing.

- **Bill of Material and Routings**
- **Production Management**
- **Engineering and Product Configuration**
- **Material Requirements Planning and Scheduling**
- **Manufacturing Estimates**

### Key business benefits

- Connect data, systems, and processes on a single platform.
- Meet schedules with time-phased MRP and finite scheduling.
- Connect manufacturing estimates, product configuration, and orders with CRM for better service.
- Contain costs and boost profits with real-time operational insights.
- Reduce cycle times for faster fulfillment and improved quality.

### Related resources

- Why Manufacturers Depend on Acumatica for Their Success > [LEARN MORE](#)
- How Manufacturers Thrive with Acumatica > [LEARN MORE](#)
- Schedule a Personalized Demo > [LEARN MORE](#)

## Transform Manufacturing Operations on a Future-Proof Cloud Platform

Acumatica Manufacturing Edition helps manufacturers improve profits, maximize resources, and reduce costs. An extensive suite of connected business applications provides unparalleled manufacturing depth for production, estimating, engineering, material planning, scheduling, product configuration, and manufacturing data collection.

Extend your system with native field service, commerce, and project accounting. Streamline activities with role-based dashboards and simplify security with customer and vendor restrictions by branch and pre-defined security roles for engineers, planners, production managers, schedulers, and more. Build better products faster with engineering change control and product lifecycle management (PLM) with certified connectors for CAD applications and quality management. Empower employees with a comprehensive financial and supply chain applications to streamline back-office accounting and customer service activities.

### DESIGNED FOR YOUR INDUSTRY

- Aerospace and Defense
- Apparel and Textile Products
- Automotive and Transportation
- Chemical and Cosmetics
- Electronics and Electrical
- Fabricated Metal Products
- Food and Beverage
- Furniture and Home Goods
- Medical Devices and Instruments
- Lumber and Wood Products
- Non-Metallic Minerals
- Plastics and Rubber
- Primary Metals
- Other Manufacturing Industries

"The only way to survive and be successful in this market is to have visibility into the KPIs to drive manufacturing, maintain profitability, drive customer satisfaction and quality. We couldn't have done that without Acumatica."

—Bill Ferron, Director of Information Technology, Portacool, LLC

> CUSTOMER STORIES

## Bill of Material

Create standard costing and production definitions for bills of materials, routing labor operations, and overhead. Streamline processes with backflushing, phantoms, and BOM compare.

## Production Management

Track material, outside process, and labor costs by work order. Compare the estimated/planned/standard production costs to the actual costs of the production order. Maintain lot and serial traceability throughout the item's lifecycle with preassigned lot and serial numbers for finished goods.

## MRP

Material Requirements Planning (MRP) generates time-phased manufacturing and purchasing plans for optimal inventory availability tied to demand forecasts and customer demand. Reduce inventory while improving customer service. Manage plans by site or across multiple locations.

## Estimating

Improve manufacturing estimate accuracy. Integrate estimates with CRM quotes and create estimates using material, overhead, labor, and other miscellaneous costs. This is an optional module.

## Product Configurator

Streamline the creation of complex bills of material and routings with the rules-based product configurator. Use options and values to configure finished goods. This is an optional module.

## Advanced Planning and Scheduling

Schedule labor operations against finite capacity constraints. Use rough-cut capacity planning (RCCP) to verify capacity requirements for the master schedule. Visualize your production schedule with a graphical view of production order schedules by work center and machine. Adjust constraint dates and priorities and firm schedules from the visual schedule board. Maximize work center utilization and manage bottleneck resources with scheduling inquiries and reports. This is an optional module.

## Engineering Change Control

Manage version control and updates to bills of material (BOM) and routings while controlling effectivity dates that impact material planning, costing, and scheduling. Gain insights into pending changes with audit capabilities for historical changes.

## Acumatica for Arena Native Connector

Acumatica for Arena Native Connector enables manufacturing engineers to design and modify new and existing parts inside Arena. In addition, connectivity eliminates duplicate data entry, automating the hand-off from engineering to manufacturing.

## Manufacturing Data Collection (MDC)

Print barcoded reports and labels to scan material movement and labor transactions directly from the shop floor in real-time.

## Side Panels

Streamline data access with Side Panels for production, estimating, bill of materials, and MRP. For example, identify critical materials, related project tasks, vendor shipments, and MRP results directly from production orders.

## State-Based Workflows

Streamline production status with the visual workflow engine with relevant actions displayed on the production order screen.

## Order Management

Centrally manage sales activities such as quote entry, sales order fulfillment, shipment creation, and price management. Reduce costs and improve vendor relationships by automating and centralizing purchasing processes. For example, automate purchase requests and obtain vendor bids.

## Inventory Management

Manage inventory receipts, warehouse transfers, and transfers to production orders. Track inventory by warehouse, bin, and location with cradle-to-grave lot and serial traceability. Manage inventory valuations, perishable inventory expiration dates, and use matrix items to manage product families.

## Customer Relationship Management (CRM)

Thrill customers and shorten sales cycles with embedded CRM for a 360-degree view of customer relationships and activities. Generate more leads with marketing automation and shorten sales cycles with real-time insights into manufacturing sales activities.

## Advanced Financials

A full accounting suite helps you track daily financial operations and generate financial statements with reporting, analysis, budgeting, and planning tools. Manage international production costs with multiple base currencies for financial reporting.

## Optional Quality Management

Ensure product quality with the optional Quality Management Suite (QMS) for Acumatica. Define and perform quality tests with certificates of analysis (COA), non-conformance (NC) tracking, and corrective and preventative action (CAPA) plans.

## Optional User-Defined Labels

Create custom labels with the connected Asgard Label application. Create 2D and 3D labels in multiple sizes and orientation containing part numbers, lot and serial details, expiration dates, and more. This is an optional module.

## ABOUT ACUMATICA

Acumatica Cloud ERP is a comprehensive business management solution that was born in the cloud and built for more connected, collaborative ways of working. Designed explicitly to enable small and mid-market companies to thrive in today's digital economy, Acumatica's flexible solution, customer-friendly business practices, and industry-specific functionality help growing businesses adapt to fast-moving markets and take control of their future.

For more information on Acumatica, visit [www.acumatica.com](http://www.acumatica.com) or follow us on [LinkedIn](#).