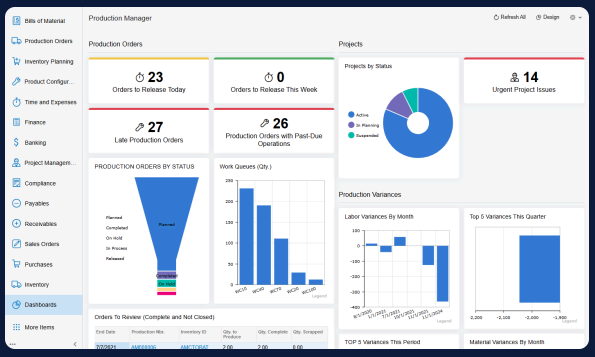
Acumatica
The Cloud ERP

Production Management

Plan, release, and track every production order in real time, whether you make to order or build to stock, and respond with flexibility to changing schedules, breakdowns, and late supplier deliveries.



Take control of production costs and schedules with automation and real-time insights

Create production orders from bills of material and routing standards. Release and schedule production orders. Manage outside processes and track material and labor costs for work in process WIP) with AI-powered cost variance anomaly detection and detailed cost analysis reports, inquiries, and dashboards.

Gain valuable insights into production with real-time dashboards, flexible generic inquiries, and dozens of personalized reports, such as the Production Order Labor Efficiency Report.

PRODUCTION ORDER MANAGEMENT

Production is the heartbeat of every manufacturer. Acumatica Manufacturing Edition streamlines and automates production planning with the flexibility to adapt to real-life changes as they happen.

- Create production orders to fulfill customer demand from sales orders or material requirements planning MRP.
- Release and schedule production order operations for shop floor employees.
- Capture material, labor, machine, tool, overhead, and outside process costs for real-time WIP reporting and analysis.
- Monitor production orders from the configurable production dashboard.
- Create production orders directly from project material lines in optional Project Accounting, with each order linked to the requirement that drove it.
- Maintain complete traceability through the item lifecycle with lot and serial tracking and user-defined attributes.
- Ask AI Assistant plain-language questions about schedule performance, material needs by relevant production order, and production order risk.

Key business benefits

Coordinate labor, machines, and inventory to optimize your processes.

Streamline outside processing for vendor shipments and costs.

Substitute operations and materials on a production order.

Assign lot and serial numbers using purchase receipts, inventory issues, and manufacturing transactions.

Gain insights into production order status and WIP.

Related resources

Prepare for the Factory of the Future

LEARN MORE →

Understanding Manufacturing Job Costing

LEARN MORE →

Schedule a Personalized Demo

LEARN MORE →

> "We can now handle different revisions and make sure that production is producing the right order, and compare it to the revision and see if there are any differences."
>
> – Austin Pleasants, Product Engineering Manager, QPAC Systems, Inc.

> CUSTOMER STORIES

Capabilities

ORDER CONTROL AND SCHEDULING

Production Orders

Create production orders manually, from sales orders, or with material requirements planning MRP.

Manufacturing Scheduling

Schedule forward or backward, adding finite capacity with optional APS.

Production Order Changes

Build to prior or alternate BOM revisions and substitute operations or materials.

Flexible Production Reporting

Set control points, report operations out of sequence, and prevent over-completion.

Related Production Orders

Link subassembly orders to finished goods orders, with scheduling that flags conflicts.

Outside Processing

Align subcontract purchase orders with operation dates; received parts return to WIP automatically.

Multi-Site

Support multiple sites, with an alternate BOM and routing for each site.

SHOP FLOOR LABOR AND MATERIALS

Critical Materials

View shortages and create purchase or production orders from one screen.

Labor and Material Tracking

Capture direct and indirect labor by employee, and issue stock and non-stock materials with lot and serial numbers.

Backflushing

Backflush labor or material when reporting quantity completed.

Barcode Integration

Record labor, material, and inventory transactions, including issues, receipts, and counts, with barcode scanning.

Optional Shop Floor Kiosk

Operators report production, issue materials and substitutes, and enter lot and serial attributes.

QUALITY

Optional Quality Management

Perform quality tests during production with QMS, including certificates of analysis, non-conformance tracking, and CAPA plans.

TRACEABILITY

Lot and Serial Tracking

Capture lot and serial numbers at purchase receipt, inventory issue, and shop floor transactions.

Pre-Assign Lot/Serial Numbers

Preassign finished good lot and serial numbers with configurable masks, and optionally enforce one-to-one traceability for controlled components.

Event Audit Trail

Trace every production order event with descriptions, dates, times, and user IDs.

COSTING AND CONTROL

Production Performance

Spot cost variances with AI-powered anomaly detection, and compare actual to standard or planned costs.

Cost Accounting Controls

Lock production orders so cost accountants can review transactions before posting finished goods, clearing WIP, and updating the General Ledger.

Multiple Base Currencies

Manage international production costs with multiple base currencies.

VISIBILITY AND INSIGHTS

Real-Time WIP

See material, labor, machine, overhead, and outside process costs accumulate on each order as transactions post.

Production Dashboards

Monitor work center utilization, work queues, late orders, and past-due operations, with side panels for order, BOM, and project details.

Production Reports and Generic Inquiries

Run standard WIP, cost, and order status reports, and tailor generic inquiries without code, including new inquiries for schedule performance and material needs by work center.

AI Assistant

Ask plain-language questions about production order risk and schedule performance, and get answers drawn from those inquiries.

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** or follow us on **LinkedIn**.

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