

Oracle Fusion Cloud Manufacturing

Resilient and responsive operations are vitally important for manufacturers looking to increase flexibility and visibility while exceeding customer expectations and outperforming competitors. Improving operational performance and agility with intelligent, sustainable practices can help manufacturers adapt their execution to supply or demand shifts while maximizing factory efficiency.

The need for a unified supply chain and manufacturing solution

In manufacturing, value creation happens on the factory floor. There, the execution activities of workers and machines come together to transform materials into products to be shipped to customers, all within the wider context of enterprise-level business activities and influxes of information. Despite adopting manufacturing execution systems (MES), manufacturers often struggle to effectively incorporate execution in their enterprise-wide digital thread. Independently selected point solutions used by different groups rarely share information with other operations and business groups across the organization. This limits access to actionable, real-time supply chain and product information. But there's a better way for manufacturers to run their supply chain operations—using a unified platform.

Oracle Fusion Cloud Manufacturing

Oracle Fusion Cloud Manufacturing is an integral part of Oracle Fusion Cloud SCM, connecting the supply chain to the physical factory and building emerging innovations into a unified solution to support high performing operations. Smart Operations capabilities build connectivity, insights, automation, and employee engagement into this foundation for streamlined and reliable execution.

For many manufacturing organizations, this solution can eliminate the need for separate applications and associated integrations to support manufacturing execution. Oracle provides this end-to-end supply chain management solution to help manufacturers increase their operational performance, make intelligent and timely execution decisions, and get ahead of future change.



The Oracle Fusion Cloud Manufacturing advantage

- **Unified experience**
Manufacturing natively connected with the rest of supply chain process
- **Real-time visibility**
Combined operational and business data representing physical processes via digital technologies
- **Continuous innovation**
Automated, quarterly updates with new functional and technical capabilities

Key features

- **Production execution flexibility**
Supports make-to-stock, make-to-order, configure-to-order, make-to-project, contract manufacturing, and outside processing in discrete, process, or lean manufacturing environments
- **Consumer-grade user experience**
Simplifies production tasks with a built-in and responsive layout for desktop or mobile, scanning, embedded qualification checks, intelligent guidance, and generative artificial intelligence
- **Effective cost monitoring**
Helps determine root causes for cost tracking and variances

Oracle Fusion Cloud Manufacturing benefits

- **Improves operational agility and performance** with mixed-mode manufacturing methods to automate and orchestrate fulfillment flows, adapt to diverse production needs, and track financial and operational performance
- **Accelerates design-to-manufacture process** by automating product structure changes with tight coordination between readiness and release for manufacturing execution
- **Increases employee engagement and empowerment** by providing factory supervisors and operators with the right information, delivered via simplified user experiences, to improve operational decisions and produce high-quality products effectively
- **Helps minimize compliance risks and quality escapes** via product genealogy and traceability, electronic recordkeeping with signoffs, audit trails, and closed-loop quality visibility, collaboration, and execution across the supply chain
- **Reduces total cost of ownership** by simplifying the applications landscape and bringing digital technologies to supply chain execution

Learn more about Oracle Fusion Cloud Manufacturing

Oracle Fusion Cloud Manufacturing is built on an SaaS model, so it's always kept up to date with the latest features, functions, and best practices. Updates roll out regularly, so companies can continuously leverage the latest innovations. Oracle Fusion Cloud Manufacturing brings cloud-based digital transformation to manufacturers, further expanding the digital thread that connects product, process, people, and machines. With manufacturing execution natively connected to the rest of the supply chain, manufacturers can flex their operations and resources to respond quickly to emerging innovations and changing customer requirements.

To learn more about Oracle Fusion Cloud Manufacturing, visit oracle.com/manufacturing.

- **Closed-loop quality management**
Embeds quality control in execution and connects nonconformances to corrective and preventive actions in product design and with suppliers
- **Built-in traceability and compliance**
Supports bidirectional product genealogy with lot and serial traceability, electronic records, signatures, and audit trail for critical events
- **Combined intelligence for decision-making**
Centralizes operational data for analytics and AI decision support across multiple data sources

Unified manufacturing from operations to execution

- Control release of work definition requirements from product development to manufacturing execution
- Improve product quality, safety, and sustainability through tight coordination with product lifecycle management and closed-loop quality management
- Streamline planning, contracting, and execution through coordination of procurement, inventory, and manufacturing processes
- Help ensure timely and accurate delivery of manufacturing commitments through end-to-end processes connected with order management, supply chain planning, production scheduling, warehouse management, and transportation management
- Extend manufacturing with other legacy or partner systems to support specific business needs

ORACLE

Oracle Fusion Cloud Applications

The Oracle Fusion Cloud Applications Suite offers self-service business applications delivered on an integrated development and deployment platform with tools to rapidly extend and create new services. This is ideal for customers seeking subscription-based access to leading Oracle applications, middleware, and database services, all hosted and expertly managed by Oracle. The application services are designed for ease of use, enabling business users to manage the solution directly with no IT involvement.

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