



Oracle Fusion Cloud Supply Chain Execution

Organizations today face constant pressure to improve agility, efficiency, and product quality while managing global supply disruptions and cost volatility. Oracle Fusion Cloud Supply Chain Execution provides an integrated ecosystem that connects core operational activities with enterprise business processes on a unified platform powered by modern cloud technologies, including IoT, AI/ML, and advanced analytics. Run your operations more efficiently with data from your execution workforce and maximize productivity whether you are manufacturing, maintaining, repairing, fulfilling, or delivering products and services across your supply chain.

Built for supply chains in the age of AI

Oracle empowers organizations to meet these challenges head-on through intelligent automation, built-in AI insights, and real-time visibility across material, production and maintenance workflows. Through built-in AI capabilities—including Maintenance Repair Assessment and Delegation, Repair Costs Advisor, Maintenance Advisor, Outbound Compliance Advisor, Operations Assignment Assistant and Quality Inspection Advisor—Oracle helps teams optimize operations, reduce downtime, and improve compliance—delivering a more connected, predictive, and resilient operations ecosystem.

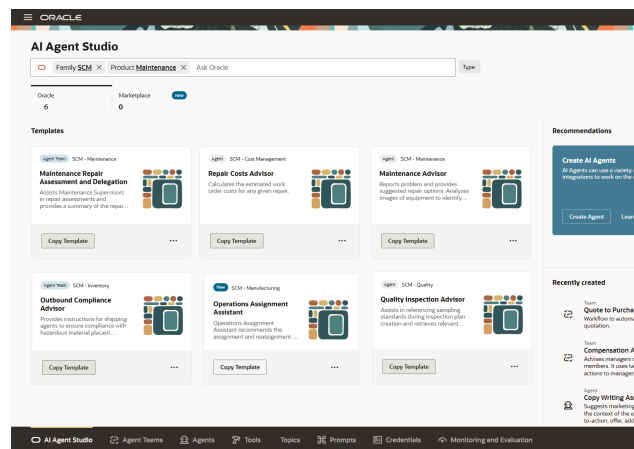


Figure 1. Pre-built AI Agents for Supply Chain Execution available in the Oracle AI Agent Studio

Transforming inventory control with optimized operations

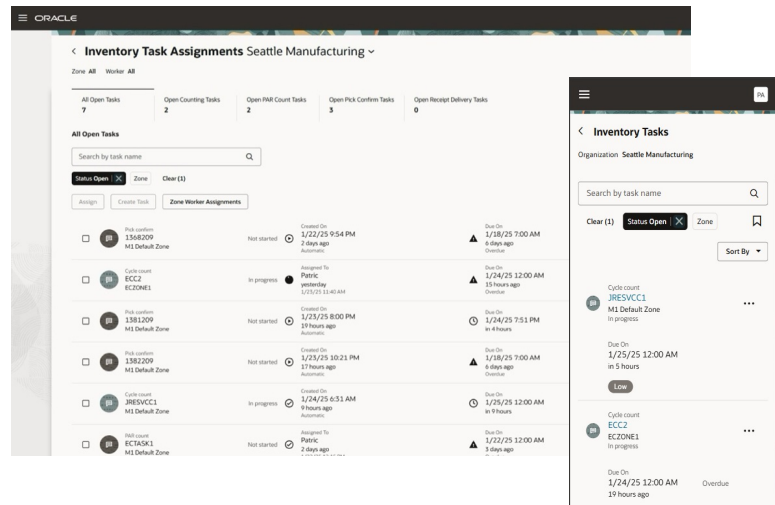
Oracle Fusion Cloud Inventory Management helps organizations efficiently track, manage, and control inventory across multiple locations and have full visibility into inventory levels, fulfill customer demand, and improve operational efficiency. It supports core inventory transactions (receipts, shipping, transfers, counts), offers real-time dashboards and analytics, and integrates with other components of the supply-chain (demand management, procurement, fulfillment) to help optimize service levels and lower costs.

Advanced Inventory

For organizations whose operations fall between simple stockrooms and full-scale warehouse management systems, Oracle offers the Advanced Inventory Management add-on. This layer extends capabilities of the core Inventory Management solution, providing organizations that operate lower complexity warehouses or manufacturing sites with

base warehouse management capabilities - without the need of adopting a complete WMS system. With built-in AI agents and connected robotic material handling, it streamlines and automates the inventory management operations.

Figure 2. Advanced Inventory task assignments and execution



Smart Operations for Inventory

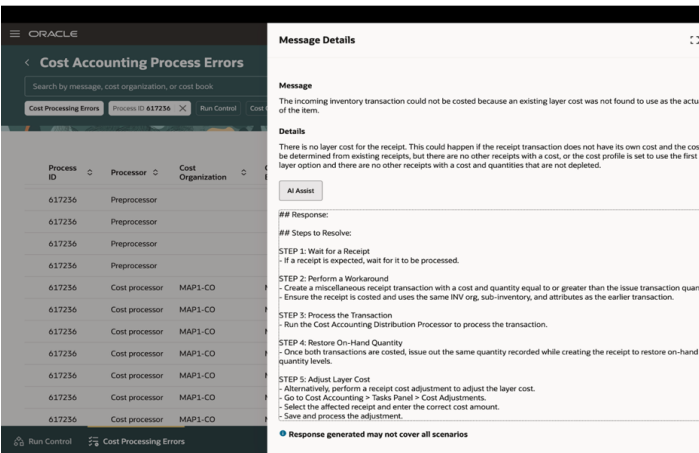
Smart Operations for Inventory utilizes digital technologies to modernize inventory management. It enables real-time inventory operations through mobile inventory, connected inventory tracking for automated replenishment, and system driven workbenches to minimize item shortages and stockouts.

Oracle Inventory Management uses AI and intelligent agents to automate replenishment and enhance visibility across the supply chain. These tools help reduce carrying costs, prevent stockouts, and ensure materials are available exactly when and where they're needed.

Drive growth with accurate cost management

Oracle Cost Management effectively manages product costing to meet external regulatory reporting and internal management reporting needs. It enables organizations to define multiple cost elements and sub-elements (for example, material, labor, overhead) and to perform cost roll-ups — giving a complete absorption costing model.

Figure 3. Troubleshoot cost processing errors with AI



For manufacturing environments, especially discrete and process-based production, Cost Management for Manufacturing enables simulation of cost changes (such as raw material price changes, labor rate shifts or routing adjustments) before committing to production runs. It also supports multiple costing calendars and cost types, enabling organizations to run “what-if” analysis, compare profitability across product lines or sourcing alternatives, and ensure costing data feeds into financial consolidation and inventory accounting workflows.

Oracle Cost Management leverages AI and embedded AI Agents to automate cost analysis and enhance decision-making across manufacturing operations. These intelligent tools provide real-time insights into production costs, variances, and profitability—helping companies optimize pricing, control expenses, and increase financial visibility across the supply chain.

Drive disruption-free operations with modern manufacturing solutions

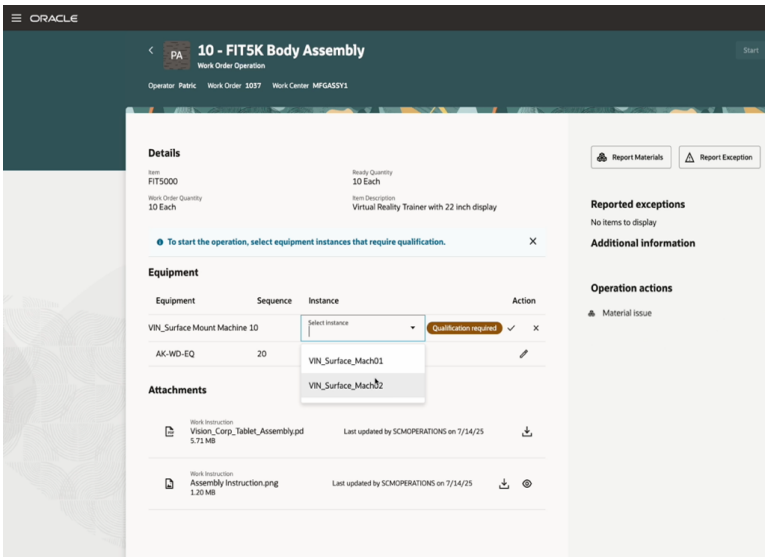
Oracle Fusion Cloud Manufacturing helps streamline production flows to maximize operational performance, with a connected and automated Smart Operations solution powered by artificial intelligence. It provides core functionality for discrete, process, contract, and project-based manufacturing, including work definitions, work orders, resource management, and production scheduling. It supports both make-to-stock and make-to-order models. These capabilities simplify shop floor execution, optimize real-time decisions, and provide visibility to schedule adherence, quality, and cost.

Enabling the Lean Enterprise

For manufacturers that run uninterrupted production lines at a constant rate to run similar products, Flow manufacturing streamlines and standardizes work by using a pull system to produce as requested by the customer (flow schedule) and replenish materials as needed (Kanbans), so production flows with increased throughput, controlled inventory, and reduced lead times.

By applying Just-in-Time and Kanban principles, Flow manufacturing enhances responsiveness and efficiency, reduces excess inventory, and enables supervisors to easily adjust priorities and operators to simplify reporting.

Figure 4. Work execution activities from operator workbench



Smart Operations for Manufacturing

Oracle Smart Operations for Manufacturing gives operators and production supervisors intelligent guidance for manufacturing execution. It combines data from connected equipment, workforce, and the supply chain digital thread to deliver real-time recommendations, autonomously adjust production, and execute on high value manufacturing decisions.

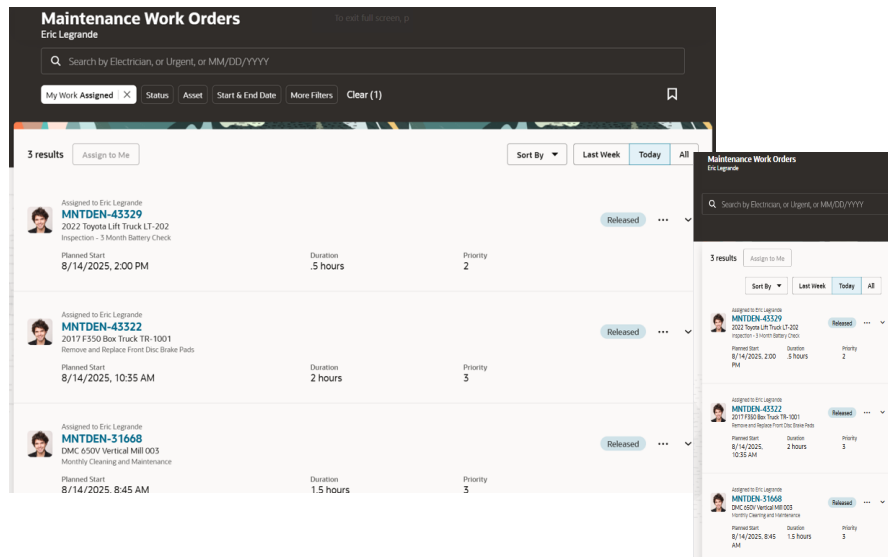
Oracle Manufacturing uses built-in AI to streamline shop floor execution, offer a better user experience, and improve decision-making through real-time insights. These intelligent tools help manufacturers boost efficiency, reduce downtime, and enhance quality by predicting issues, reducing reaction time, automating routine tasks, and aligning operations with demand.

Elevate asset management and equipment care

Oracle Fusion Cloud Maintenance gives maintenance organizations full visibility across materials, parts, costing and work-order execution. It supports mobile access, multiple devices, and a modern user experience. Businesses can generate preventive maintenance schedules based on calendar or usage intervals, create work orders, and execute and capture transactions (material, labor, resource usage) for cost-control and analytics.

Service Logistics connects field service and supply chain operations to ensure the right parts, tools, and information are available for every service job. With a new and seamless user experience, improves first-time fix rates, reduces service costs, and enhances customer satisfaction through real-time visibility, intelligent parts management, and streamlined logistics execution.

Figure 5. Maintenance technician workbench



Smart Operations for Maintenance

Smart Operations for Maintenance empowers technicians and supervisors with intelligent guidance for maintenance execution. It combines data with real-time asset information and the supply chain digital thread to enable continuous monitoring of asset performance and maintenance needs and recommend strategies for seamless asset management and maintenance execution.

Oracle Maintenance leverages embedded AI agents to monitor and alert for equipment anomalies and failures, automate work order creation through the service parts advisor, and optimize maintenance schedules. These tools help organizations reduce unplanned downtime, extend asset life, and enhance reliability through proactive maintenance strategies.

Transform quality into competitive advantage with actionable insights

Oracle Quality Control and Compliance allow inspectors to capture visual, variable, and attribute data in real-time, including barcode scans, enabling swift and accurate data collection. The system automatically interprets inspection results and initiates appropriate workflows for acceptance, hold, or rejection, eliminating delays and manual steps. By streamlining dock-to-stock processes, this solution enhances real-time quality control at the point of receipt.

Oracle Quality Control and Compliance use built-in AI to help interpret, define, and speed up inspection plan creation and provide real-time insights into product and process performance. It helps quality managers improve consistency, reduce defects, and ensure compliance across the production lifecycle.

Figure 6. Intuitive problem report and corrective/preventive actions (CAPA) solution

ORACLE

Non Conformance Inspection of Lot123S345 (NC1-00001) Draft

Non Conformance for Inspection failure of Lot 1235545 containing Holographic tablets for Lenovo

Change Type: NC1 Reason Code: Quality Priority: High Assigned To: PMAQA

AttributesAffected ObjectsAttachmentsWorkflow and TasksRelationshipsHistory

Search

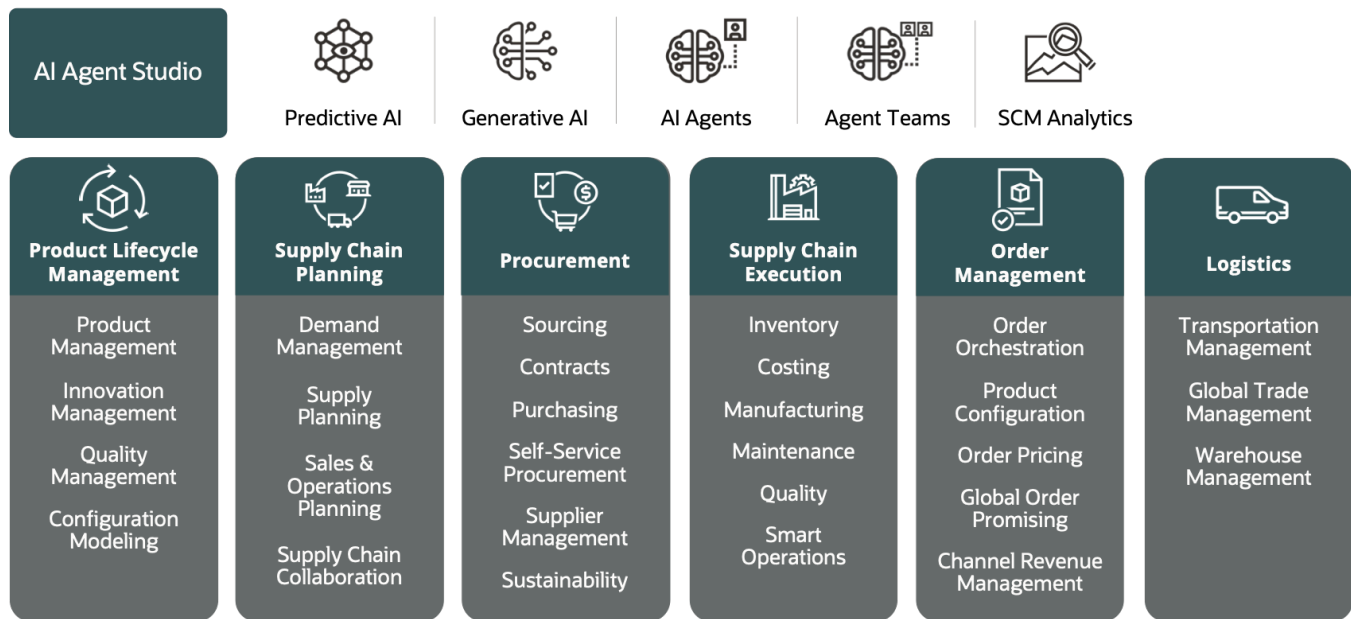
Line Number	Number	Description	Item Class	Revision	Lifecycle Phase	Product Lines	GR
10	CM650409	Glass Panel	Tablet Components	A	Production		
20	CM650405	Capacitor SMT 10 microf 0804	Root Item Class	A	Design		
30	CM650408	Capacitive Overlay	Tablet Components	A	Production		
40	CM650400	Battery	Tablet Accessories	A	Design		
50	CM65048M	Capacitive Overlay Medium quality	Tablet Components	B	Production		
60	CM65049M	Mercury based	Tablet Components	A	Production		
70	CM65048L	Lead based Capacitive Overlay	Tablet Components	B	Production		
80	CM65049L	Lead based	Tablet Components	A	Production		
90	CM65048LM	Lead & Mercury based	Tablet Components	A	Production		
100	CM65040_CMS	Battery	Root Item Class	A	Design		

NavigatorProduct ManagementWorkflowNC1-00001 X

Deliver bottom-line results with a smart, responsive supply chain

Implementing world-class supply chain execution doesn't have to be expensive or disruptive. Oracle Fusion Cloud Supply Chain and Manufacturing (SCM) is the industry's most complete suite of supply chain applications, and we continuously deliver new capabilities across the entire footprint. You get immediate access to new feature enhancements and bug fixes upon release, with the flexibility to "opt-in" to significant changes. You can operationalize AI in many ways, but you can only do it right with Oracle SCM.

Figure 6. Oracle Fusion Cloud Supply Chain and Manufacturing (SCM) Suite



Built in. Not Bolted on.

To learn more about the Oracle Fusion Cloud SCM suite, visit oracle.com/scm.

Connect with us

Call +1.800.ORACLE1 or visit **oracle.com**. Outside North America, find your local office at: **oracle.com/contact**.

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