



5 Steps to Supply Chain Execution Excellence

Modern supply chains are more complex and volatile than ever, making speed, accuracy, and visibility essential. Here are five ways to boost efficiency, strengthen operations, and build resilience across production, inventory, and assets.

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Obstacles to overcome

Fragmented inventory visibility

Disconnected systems and manual processes make it difficult to track materials, leading to stockouts, overstocks, and delays. Without real-time visibility, operations can't react quickly to demand or supply shifts.



Inconsistent and outdated cost data

Manual cost tracking and disconnected financial systems obstruct the accurate capture of material, labor, and overhead costs. These gaps can delay financial reporting, limit insight into profitability, and hinder informed and timely decision-making.



Manual and inefficient production flows

Siloed workstations and limited insights slow throughput and raise errors. As a result, businesses are less able to balance workloads, adapt to demand shifts, or keep performance consistent across production lines.



Reactive and costly maintenance practices

Unplanned downtime, aging equipment, and limited asset visibility lead to delays and high repair costs. Relying on break-fix maintenance instead of proactive planning lowers equipment effectiveness and weakens operational resilience.



Inconsistent product and process quality

Manual inspections, fragmented reporting, and slow issue resolution can impede early defect detection. Delayed detection can increase scrap and rework, slow production, and make it harder to meet compliance requirements and customer expectations.



Steps you can take

Unify materials and inventory data

A unified cloud inventory solution delivers real-time visibility across warehouses, production, and in-transit materials. Automated replenishment, barcode scanning, and AI assistants can improve accuracy, reduce carrying costs, and keep stock levels optimized.

Standardize costing across operations

Centralized, automated costing captures real-time expenses across materials, resources, and production. Integrated analytics expose variances, margin drivers, and savings opportunities, helping finance and operations make aligned decisions.

Automate and optimize manufacturing

By connecting and digitalizing shop floor workflows with guided steps, automated data capture, and built-in AI insights, companies can boost productivity, optimize schedules, improve quality, and reduce bottlenecks.

Adopt predictive asset maintenance

With built-in AI, IoT, and analytics, companies can shift from reactive fixes to predictive maintenance. Automated work orders, optimized schedules, and real-time asset insights can boost uptime, cut costs, and extend equipment life.

Embed quality controls across every workflow

A unified quality solution embeds inspections, nonconformance tracking, and corrective and predictive actions (CAPA) across inventory, manufacturing, and maintenance. Real-time analytics help teams spot issues early, enforce standards, and drive continuous improvement.

CRITICAL INSIGHTS

Manufacturers that unite production, inventory, and maintenance see higher throughput, less downtime, better cost control, stronger margins, and greater resilience.

Achieve smarter, faster, nimbler operations

Oracle Fusion Cloud Supply Chain Execution links production, costing, inventory, quality, and maintenance. Using AI and connected equipment, Smart Operations can boost visibility, automate processes, and reduce downtime.

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