

# Enhance Your **Factory Floor Management:** NetSuite ERP for Manufacturing & Inventory



**dwr**

**ORACLE**  
**NETSUITE**  
Solution Provider



NetSuite is a cloud-based platform that seamlessly unifies all aspects of production operations, from scheduling and processing to inventory administration, quality oversight, and financial reporting. By consolidating disparate solutions and workflows into a single, unified application, NetSuite eliminates silos and ensures real-time visibility across the entire organisation. This holistic approach enables manufacturers to make informed decisions, respond rapidly to changing market demands, and continuously optimise their activities for maximum efficiency.

# Real-Time Visibility into Production Status

For manufacturers, real-time visibility into production status is crucial for maintaining control and ensuring timely output. NetSuite provides up-to-the-minute insights into the current stage of manufacturing orders, estimated completion times, and potential bottlenecks or delays. This seamless interconnection with scheduling and order administration systems keeps all stakeholders updated with the latest information, enabling immediate adjustments to keep processing on track.

By offering real-time visibility, NetSuite empowers you to proactively identify and resolve issues, enhancing decision-making and operational efficiency. This transparency leads to smoother fabrication processes and increased accuracy, ultimately enhancing customer satisfaction by ensuring that production schedules are met consistently.





## Detailed Scheduling and Planning

To enhance fabrication processes and maximise resource allocation, efficient scheduling and meticulous planning are essential. NetSuite enables you to create detailed production schedules and plans that consider factors such as supply availability, machine capacities, and labour potentials. This functionality seamlessly interconnects with inventory administration and labour logging systems, ensuring that all resources are effectively allocated and potential conflicts or shortages are proactively addressed.

By optimising scheduling and planning, NetSuite helps you improve resource utilisation and reduce processing delays, ensuring continuous efficiency. Dynamic adjustments in response to demand changes or unexpected disruptions further enhance throughput. Compared to manual planning methods, NetSuite's automated scheduling reduces the risk of human error, improves coordination across departments, and ensures consistent meeting of manufacturing targets and deadlines, giving you a competitive advantage in delivering high-quality goods on time.

# Material Tracking and Inventory Administration Made Easy

Sustaining seamless production and mitigating disruptions hinge on effective tracking of materials and efficient inventory management. NetSuite offers comprehensive capabilities in this area, including real-time monitoring of material locations, status updates, inventory levels, and automated reorder points. This functionality seamlessly interconnects with procurement, production planning, and order fulfilment programs, ensuring consistent updates across all relevant applications for smooth workflows from raw input acquisition to finished product delivery.

Accurate inventory monitoring enabled by NetSuite reduces stockouts and overstock situations, ensuring that supplies are available when needed without excess. Automated inventory administration minimises manual errors and administrative overhead. Compared to spreadsheet-based tools, NetSuite's real-time data enhances visibility and decision-making capabilities, leading to more efficient inventory control, cost savings, and improved production planning accuracy.





"NetSuite's holistic approach unifies all production aspects into a single platform, enhancing real-time visibility and operational efficiency. This integration enables informed decision-making and rapid response to market demands."

- Tiernan O'Connor, Sales Director, DWR Consulting

## Ensure Quality Oversight and Inspection Processes are Followed

Maintaining the highest standards of quality is paramount in the industrial sector, as defects and non-conformances can lead to costly consequences. NetSuite includes robust tools for managing quality oversight and inspections, allowing you to create and administer quality control plans, record inspection results, and monitor and manage non-conformance issues effectively. Quality control functionality interconnects with production monitoring and reporting programs, ensuring that quality data is captured and utilised throughout the manufacturing process, supporting compliance management and continuous improvement initiatives.

Consistent quality assurance and streamlined compliance processes are primary benefits of NetSuite's quality control tools. Automated quality oversight reduces the risk of human error and enhances the ability to meet regulatory requirements. Compared to manual methods, NetSuite's quality control functionalities provide better accuracy, quicker identification of issues, and more efficient resolution processes, leading to higher product quality, increased customer satisfaction, and reduced costs associated with quality failures.

# Centralised Maintenance and Asset Administration

Optimising equipment uptime, reducing unexpected failures, and extending the life cycle of industrial assets necessitate diligent maintenance and efficient asset management strategies; NetSuite provides comprehensive capabilities in this area, including monitoring and administering maintenance schedules, recording maintenance activities, and managing spare parts inventory. Maintenance administration functionality seamlessly interconnects with production scheduling and equipment monitoring systems, ensuring that maintenance activities are coordinated with production schedules to minimise downtime and disruptions.

Proactive maintenance administration enabled by NetSuite helps reduce unexpected equipment failures and downtime, extending the life cycles of assets. Compared to tracking this data in segregated systems, NetSuite provides better reliability, improved planning, and more efficient use of resources. This leads to lower maintenance costs, higher equipment uptime, and improved production continuity, ensuring that operations run smoothly without unexpected interruptions.





## Live Production Reporting and Analytics

Data-driven insights are crucial for identifying inefficiencies, optimising workflows, and driving continuous improvement in industrial operations. NetSuite provides comprehensive reporting and analytics capabilities for production performance, generating reports on production efficiency, quality, and other key performance indicators to help you make informed decisions. Production reporting functionality interconnects with all aspects of the manufacturing process, providing a holistic view of operations and supporting data-driven decision-making and continuous improvement initiatives.

Data-driven insights enabled by NetSuite empower you to identify inefficiencies and areas for improvement proactively. Automated reporting reduces the time and effort required to gather and analyse data. NetSuite also offers faster, more accurate insights than decentralised reporting, driving better decision-making and operational improvements, leading to higher efficiency, better quality products, and improved overall performance, helping you stay competitive and responsive to market demands.

# Detailed Bill of Materials (BOM) Administration

Accurate and efficient Bill of Materials (BOM) administration is critical for ensuring that all required components and supplies are available for production, enabling accurate cost estimation and effective inventory administration. NetSuite provides comprehensive functionalities for managing BOMs, including creating and administering BOMs, monitoring revisions, and accurately calculating costs. BOM administration functionality interconnects with production planning, inventory administration, and cost accounting programs, ensuring that all aspects of the manufacturing process are aligned with the BOM.

Accurate cost estimation and inventory requirements are key benefits of effective BOM administration enabled by NetSuite. Automated BOM monitoring simplifies changes and updates, reducing the risk of errors. Compared to traditional BOM administration methods, NetSuite offers enhanced accuracy, better control over production costs, and easier administration of complex BOMs. This leads to more efficient production planning and cost control, helping you maintain profitability and competitiveness.





## Transparent Routing Administration

Establishing an efficient routing administration system is crucial for guaranteeing that production tasks are performed in the proper order, thereby optimising productivity and minimising errors. NetSuite allows you to create and administer routings, which define the sequence of operations needed to complete a manufacturing order, ensuring that each step is clearly defined and followed. Routing administration functionality interconnects with work order administration, production scheduling, and quality control systems, ensuring coordinated and efficient execution of all operations.

Efficient production workflows and improved resource allocation are primary benefits of routing administration enabled by NetSuite. Automated routing reduces the risk of errors and ensures that production processes are optimised. Unlike many legacy MRP solutions, NetSuite offers streamlined operations, better visibility into the production process, and improved overall efficiency, leading to reduced processing times and higher quality products, ensuring that industrial workflows are lean and effective, giving you a competitive advantage.

# Flexible Capacity Planning

Effective capacity strategising is crucial for ensuring that production capacity is optimised to meet demand, avoiding bottlenecks and maximising resource utilisation. NetSuite provides functionalities for capacity strategising, allowing you to forecast demand, identify capacity constraints, and schedule manufacturing orders accordingly. Capacity strategizing functionality interconnects with production scheduling, resource administration, and inventory administration systems, ensuring that all resources are aligned with production needs.

Optimised production schedules and proactive administration of capacity constraints are key benefits of NetSuite's capacity strategising capabilities. Automated capacity strategising improves the ability to meet manufacturing targets and reduces the risk of bottlenecks. Compared to disparate HR systems, NetSuite offers better foresight, more efficient use of resources, and improved responsiveness to demand changes, leading to higher production efficiency and better customer satisfaction, enabling you to stay ahead in a competitive market.





## Seamless Material Requirements Planning (MRP)

MRP ensures the availability of essential supplies and components by optimising inventory levels, reducing lead times, and enhancing coordination between various departments involved in the supply chain. NetSuite includes robust MRP capabilities, helping you determine the materials and components needed to complete manufacturing orders and ensuring that all necessary supplies are available when needed. MRP functionality interconnects with inventory administration, procurement, and production planning programs, ensuring that material requirements are accurately reflected across all relevant areas.

Accurate material planning and reduced stockouts are key benefits of NetSuite's MRP capabilities. Automated MRP reduces the risk of errors and ensures that materials are available when needed. Compared to manual MRP methods, NetSuite offers improved accuracy, reduced workload, and better alignment between material availability and production needs. This leads to more efficient processing operations and reduced costs, ensuring that industrial workflows run smoothly without material shortages.

# Automated Shop Floor Control

Effective shop floor control is crucial for maintaining real-time visibility into production processes, monitoring machine utilisation, and identifying and resolving production problems promptly. NetSuite provides functionalities for shop floor control, allowing you to monitor the progress of manufacturing orders, monitor machine utilisation, and identify and resolve production problems in real-time. Shop floor control functionality interconnects with production planning, scheduling, and quality control programs, ensuring that all aspects of the production process are monitored and administered effectively.

Real-time production monitoring and enhanced problem resolution are primary benefits of NetSuite's shop floor control capabilities. Automated shop floor control reduces manual monitoring errors and provides better visibility into production processes. Unlike disconnected shop floor control solutions, NetSuite offers quicker identification and resolution of issues, leading to minimise downtime, improved throughput, and higher quality output, giving you a competitive edge in meeting customer demands.





## The Wrap Up

By seamlessly unifying all facets of manufacturing operations, from production planning and processing to inventory administration, quality oversight, and reporting, NetSuite empowers manufacturers to streamline workflows, enhance visibility, and drive continuous improvement. With its comprehensive suite of functionalities tailored specifically for the industrial sector, NetSuite enables manufacturers to optimise resources, reduce costs, and deliver high-quality goods on time, positioning them for sustained success in a highly competitive market.