

# NetSuite Light Manufacturing

*Streamline and speed manufacturing processes with an integrated solution*

## KEY BENEFITS

- Supports multiple modes of manufacturing
- Automates work order creation at time of order entry
- Enables accurate production costing, tracking and scheduling
- Supports just-in-time and lean manufacturing principles

## KEY CAPABILITIES

- Manufacture products and create assemblies to distribute or sell
- Build inventory products from sub-assemblies and raw materials
- Incorporate outside service costs and utilize real-time costing
- Record actual costs throughout the build process
- Assemble inventory kits or assemblies before the sale of the item
- Print bills of materials and associated work instructions

“From setting up inventory parts to assemblies down to SKUs, NetSuite Light Manufacturing allows us to efficiently manage our production.”

—Bossa Nova Robotics

NetSuite's Light Manufacturing module gives manufacturers and wholesale distributors that need to assemble products or perform other light manufacturing activities a single, integrated application to manage, simplify and speed the full range of manufacturing operations. It offers light manufacturers greater cost-efficiency through support for controlling product assembly, assembling inventory kits, calculating item costs and compiling materials lists.

NetSuite Light Manufacturing also supports multiple subsidiaries, multiple locations, multiple units of measure, as well as bin management, lot tracking, serialized inventory, matrix items and bar code label printing. With Light Manufacturing, NetSuite delivers the functionality that's key to running a light-manufacturing operation, enabling you to efficiently manage operations from back office to factory floor.

## Inventory Management

Building on NetSuite's core strength in inventory and warehouse management, Light Manufacturing enables you to effectively manage component quantities and build multi-level assemblies, either one level at a time or all at once. Leveraging NetSuite's assembly capabilities, you can:

- Manage component quantities and multi-level assemblies
- Simplify inventory tracking
- Build multi-level assemblies all at once or one level at a time.

## Work Orders

NetSuite's work-order capabilities allow light manufacturers to readily manage the build process for production work orders, with flexibility to choose from several methods to replenish inventory levels of stock sub-assemblies and finished goods. Alternatively, you can manage special-order work orders built to exact specifications for a particular customer or build. Leveraging work order capabilities, you can:

- Track production
- Generate work orders
- Handle stock or special orders.

## Bill of Materials (BOM)

NetSuite's bill-of-materials functionality enables you to identify the components required for a single assembly plus all the components required by a particular work order. Assembly instructions can also be included in the printable BOM in PDF format. Since every build process requires a bill of materials that outlines what components are required to build the finished good, NetSuite tightly couples BOMs with both assemblies and work orders. It enables you to:

- Include assembly instructions
- Simplify assembly and work orders
- Cover components for single assembly or particular work order.

## Demand-Based Inventory Replenishment

NetSuite allows manufacturers to dynamically set reorder points and preferred stock levels for components of assemblies as well as finished goods, based on such factors as average lead time, historical or seasonal sales demand, and number of days from supply to stock. Work orders drive the

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demand for components as they are completed, automating the replenishment of source materials and components. This means you will always have stock on hand, but it will be ordered "just in time." NetSuite's demand-based inventory replenishment allows you to:

- Set reorder points and preferred stock levels dynamically
- Automate inventory replenishment
- Simplify just-in-time manufacturing and inventory.

## Product History Tracking

NetSuite gives employees critical inventory information by maintaining a complete history for each product assembly and kit throughout the entire lifecycle. When you sell an assembly, you can show it as a single final product, or a final product with all its components individually listed and serialized. You can use a variety of build materials, including inventory, non-inventory and service items, to assemble a final product. You can also use your existing inventory more cost-effectively by undoing builds and reusing their components. The warehouse maintains the complete details of an assembly, leading to more efficient tracking of component levels and improved inventory management.

- Maintain assembly histories
- Show assemblies as final product or with components
- Work with a variety of build materials.

“ Since implementing NetSuite Light Manufacturing, we're able to track inventory with a click of a button, drill through the sub-assembly items easily and become more efficient in planning production, purchasing and approving sales orders. ”

—Monobind

The screenshot displays the NetSuite interface for an Assembly/Bill of Materials (BOM) for item 1000-01, 'Large Aeron Chair'. The interface includes a navigation menu, a search bar, and various tabs for configuration. The 'Inventory' tab is active, showing a table of inventory levels across different locations.

Location	Quantity On Hand	Value	Average Cost	Last Purchase Price	Build Point	Preferred Stock Level	Lot Sizing Method	Fixed Lot Size	Supply Type	Demand Source	Default Return Cost	Quantity On Order	Quantity Committed	Quantity Available	Quantity Back Ordered	Quantity In Transit
01 US - West Coast Warehouse	33	1,806.93	54.75545	151.435	2	25						24	32	1	2	
02 US - East Coast Warehouse																
03 Other																

Item Master shows all available inventory for a given assembly