

# Inventory

## Enterprise-wide inventory planning and control.

Sales, purchasing, production, transfers and adjustments all affect inventory, which is often maintained at many different locations. glovia.com Inventory is a complete system that offers integrated, interactive management of all your inventories, including physical stock room, in-transit, and others.

### Dynamic Stock Status

With inventory activity perpetually occurring throughout an enterprise, you must be able to track its movement. Inventory manages and provides full visibility of all material movement within your warehouse or location, as well as between your locations, both domestic and international.

Inventory details are tracked by individual stocking locations, bins, and in-process locations. Balances are maintained by category for each plant or warehouse location, providing both dynamic stock status and historical visibility.

### Material Control

Inventory hierarchy tables define the sequence of locations within a warehouse in which to look for materials, and LIFO/ FIFO capabilities provide the means for controlling the issuance of material.

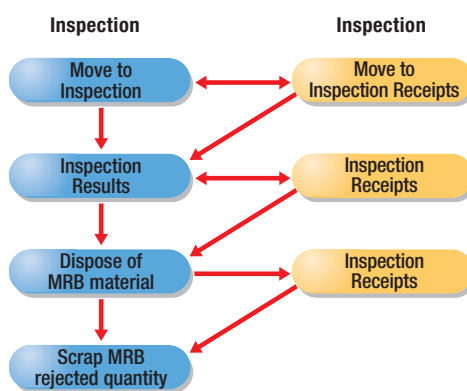
### Inventory Reservation

The ability to reserve inventory circumvents the need for a more rigorous commitment by allowing you to “soft allocate” material by lot or serial number, or- for even greater flexibility- by contract number.

### Dock-to-Stock Material Flow

Once your incoming material has reached the receiving dock, it should flow quickly and smoothly through receiving and inspection to its final destination. During this “dock-to-stock” process, you need visibility of the material’s status and current location, and you need to know where to send it next. With Inventory, you can preset and automatically direct movement through the required steps and locations in a material routing.

### Inspect Inventory



### Automatic Unit-of-Measure Conversion

For each item, Inventory lets you establish various units of measure, such as buying, stocking and selling. When material is moved, the system automatically adjusts the quantities for the respective unit of measure. For example, you may buy material in rolls and stock it in feet. You can build and stock products for inventory as individual units, or sell them in packages. This feature lets you conduct business with suppliers and customers on their terms, while maintaining inventory on yours.

### Optional Operating Modes

Inventory can be used either in standalone mode or it can be integrated with other modules. Its supply-and-demand transaction management capabilities make the application ideal for providing enterprise-wide planning and control.

### Lot and Serial Control

Items that you define as lot-controlled are assigned lot numbers as part of the receiving process. The lot identification number is always visible, whether the material is in inventory or in process, and a history of all activities is maintained by lot number.

In addition to lot numbers, individual serial numbers may be assigned to uniquely identify and track critical goods. The resulting serial-controlled items appear in the glovia.com Transaction Register and further assist you in maintaining control of purchased material and manufactured products.

### Picking Sequence

Accessibility types defined in a location table save time and labor by determining the optimal picking sequence for generating pick lists.

### Material Movement

- Dock-to-stock transactions driven by user-defined routing tables
- Transfer orders from one site to another with supporting documentation
- Receive planned or unplanned material
- Record inspection results
- Assign storage locations to put away material for just-in-time availability
- Material Review Board (MRB) disposition of rejected material
- Return-to-vendor processing
- Capture material scrap for inventory accuracy
- Minimum/Maximum inventory control

### Multi-Location Management

- Create master location for operating units
- Define stock-keeping locations within master locations
- Define processing rules for priorities and commitments by location
- Define picking sequence using accessibility type defined in location table

### Automatic Dock-to-Stock Sequencing

- Source Quality Assured (SQA) or Non-Source Quality Assured (NSQA)
- Inspection and MRB disposition routing
- Return-to-vendor or rework processing

### Unit-of-Measure Conversion

- Generic and item-specific units of measure conversion values
- UM-in/UM-out scaler factors

### Supply Management

- Purchased or manufactured material supply
- Planned inventory replenishments
- Support for multiple line items and delivery dates

### Demand Management

- Dependent or independent demand
- Planned inventory requirements
- Support for multiple line items and delivery dates
- Item demand profile
- Priority rules for inventory commitments

### Inventory Controls

- Location Tables
- Location Hierarchy
- Bin Table
- Unit-of-Measure Conversion
- Dock-to-Stock Table
- Item Substitution
- Obsolete Items
- Inactive Items
- Empty Bin
- Commitment Rules
- Primary stocking location

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