

SYSPRO Inventory Management



Manufacturers and distributors must respond quickly to customer demands and make intelligent, cost-effective decisions in order to remain competitive. SYSPRO Inventory Management gives you more control over your inventory by providing greater accuracy and visibility to inventory information throughout the organization.

It forms the core of the manufacturing, distribution and accounting facilities and is designed to integrate with all the major functions of the systems and to provide flexible reporting on inventory holdings.

SYSPRO Inventory Management provides easy access: the on-screen drill down, allows you to access inventory balances, open purchase orders, work orders, and open sales orders at any point in the inventory management process. You can quickly and easily find the quantity of any inventory item which is on-hand, allocated, back-ordered, or on order. Additionally, you can see a list of all customer and supplier orders and item information down to the serial, lot and bin level.

Within Inventory Maintenance, you can define multiple user-defined item attributes. You can set up units of measure for stocking, purchasing and selling transactions. SYSPRO provides the flexibility to cost inventory by warehouse, tracking inventory using average, standard cost, first in first out (FIFO), last in first out (LIFO), or actual costing by lot and serial.

The benefits of Inventory Management

- Effective control of supply and demand
- Costing methods per warehouse: average, standard, last, LIFO, or FIFO
- Actual cost tracking for lot traceable or batch serialized items
- Multiple pricing options, including quantity-based, discounted, and contract
- Powerful queries into movements and all inventory touch-points in the system, such as related jobs, purchase orders, sales orders, where-used and available-to-promise
- Multiple units of measure, including a separate cost unit of measure per item
- Replenishment rules by stock-keeping unit (SKU)
- Min/max levels, safety stock and re-order quantities per warehouse
- Multiple bin locations per SKU
- Linking of key suppliers and approved manufacturers to purchased items
- Extensive serial tracking and lot traceability with expiration dates
- Goods-in-transit control
- Lead times and dock-to-stock for accurate replenishment planning



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The benefits of Inventory Management ctd.

- Two-phased receipting of items to be inspected
- Extensive security options for processing inventory and accessing transaction, cost and pricing information
- Fully integrated into forecasting, sales orders, purchase orders, work in progress, materials requirements planning and general ledger

Inventory Management features

- Process inventory receipts, job and expense issues, warehouse transfers, cost adjustments and modifications, and physical adjustments
- Backflush items with short manufacturing cycles
- Track goods in transit between warehouses
- Globally change cost and selling prices
- Record notes per item for purchasing, sales and manufacturing, including technical specs and dangerous goods handling
- Place stock codes on full or partial hold to prevent processing
- Cross-reference supplier and customer stock codes
- Optionally assign the same serial number to multiple items
- Browse stock items using multimedia images
- Group inventory items into sales kits
- Calculate minimum quantity based on usage
- Reserve stock

Integration with SYSPRO

- General Ledger
- Activity Based Costing
- Sales Orders
- Purchase Orders
- Forecasting
- Families and Groupings
- Product Configurator
- Return Merchandise
- Trade Promotions
- Blanket Sales Orders and Releases

- Bill of Materials
- Engineering Change Control
- Requirements Planning
- Lot Traceability
- Quotations
- Work in Progress
- SYSPRO Factory Scheduling
- Business-to-Business Trading
- SYSPRO-to-SYSPRO Interface

Audit trails and reporting

- Comprehensive audit trails for all transactions
- Detailed inventory movement reports with flexible run-time options
- Interactive valuation with graphical representation
- Various exception reports to streamline analysis
- Purchasing worksheet to assist buyers
- ABC Analysis facilitate efficient management of resources

Inventory Query

File Query
Stock code: A100

Stock Code Details

Stock code	A100
Description	15 Speed Mountain Bike Boys
Long description	Distribution
Dangerous goods	
Stock code on hold flag	
Date of supersession	
Units of measure	
Stocking unit of measure	EA
Alternate unit of measure	EA
Other unit of measure	EA
Manufacturing unit of measure	EA
Cost unit of measure	EA
Quantities in stock & alt uom	No
Mass per stocking unit	10.000000

Distribution

Pricing information	
Pricing method	Coded
Price basis	EA
Selling price	560.00000
Price code	A
Pricing category	A
Minimum price pct above cost	0.00
Tax information	
Tax code	A - 10.00% - Tax Code A 10%
Other tax code	
GST tax code	A - 10.00% - Tax Code A 10%
GST included in price	No
Supplier	0000001 - Bicycles Unlimited
Lead time in days	20

Production

Work in progress	Show
Structure and routing	Show
Allocations	Show
Quotations	Show
ECC item	No
ECC change order	
Current Rev/Rel	
Revision/Release	
Warehouse to use	
Warehouse	N - Northern Warehouse
Unit cost	350.00000
Last cost entered	350.00000
Last cost change	
Bulk issue flag	

Movements

Date	Type	Warehouse	Trn type	Quantity	Transaction value	Unit cost	Sale amount
15/03/2010	Inv	E	Rec	500.0000	175,000.00	350.00000	
18/03/2010	Sale	E	Inv	50.0000	17,500.00	350.00000	28,000.00
20/03/2010	Sale	E	Inv	200.0000	70,000.00	350.00000	112,000.00
19/04/2010	Sale	E	Inv	50.0000	17,500.00	350.00000	28,000.00
26/04/2010	Sale	E	Inv	200.0000	70,000.00	350.00000	112,000.00
26/04/2010	Sale	E	Inv	200.0000	70,000.00	350.00000	112,000.00
29/04/2010	Inv	E	Rec	500.0000	175,000.00	350.00000	
17/05/2010	Inv	E	Rec	500.0000	175,000.00	350.00000	
29/05/2010	Sale	E	Inv	50.0000	17,500.00	350.00000	28,000.00
30/05/2010	Sale	E	Deb	0.0000	0.00	350.00000	300.00
14/06/2010	Inv	E	Rec	500.0000	175,000.00	350.00000	
25/06/2010	Sale	E	Cre	-100.0000	-35,000.00	350.00000	-56,000.00
08/07/2010	Sale	E	Inv	50.0000	17,500.00	350.00000	28,000.00