

Inventory Planning

Optimize Your Inventory to Maximize Margins

A prime concern of every distribution company is to determine when to procure stock items, and how much of each one to order. SAP Business One with Resolv Inventory Planning provides three different approaches to supply-chain management. Each company may select whichever method is most useful, or different methods may be used for different groups of items or different sectors of the business.

- **MRP:** This is the standard Business One supply management methodology. It includes the ability to include open Sales Orders, Purchase Orders, and Production Orders, as well as user-defined Forecasts to determine demand and supply over a pre-defined period of time.
- **Replenishment:** This Resolv methodology is based on the formulas developed by Gordon Graham. It bases estimates of future demand on averages of past usage, lead times, and other factors calculated by the system.
- **Forecasting:** This Resolv methodology is based on a set of formulas developed by Effective Inventory Management, Inc. They incorporate various trends and weighted averages along with past usage to predict demand. Forecasts are calculated by the system.

The object of Resolv Inventory Planning, in all instances, is to provide a proactive approach to procuring stock items. Rather than wait until someone notices that stock is getting low, the system establishes a procedure to determine when each item should be ordered, and the quantity to order each time.

Key Functional Areas

- Stocking methods
- Safety stock calculations
- Track monthly usage history
- Track lead times for purchasing or production
- Track movement classes for each item by warehouse
- Order quantity methods by item
- Procurement documents
- Forecasting for each item by warehouse
- Surplus and slow stock alerts to reduce carrying costs and dead stock
- Multiple forecasting models for replenishment
- Inventory replenishment reports
- Historical analysis of best trends per item

Item by Warehouse Inventory Features:

- Monthly Usage History
- Lead Time Tracking
- Movement Classifications
- Min/Max Restocking
- Order Point/Line Point Restocking
- Economic Order Quantity (EOQ)
- Multiple Forecasting Formulas
- Item Ranking

Inventory Reports

- Demand Action
- Replenishment
- Movement Class
- Forecasting
- Safety Stock
- Quantity
- Surplus
- Unusual Usage
- Min/Max Analyzer
- Ranking Analyzer

Warehouse Item Planning

Item Code: 00210394782 Green Earth Gel Fuel Fire Gel - 13oz Can - Citronella with Crackle
Warehouse Code: NY Warehouse

Controls	Forecast	Usage
Freeze Controls	<input type="checkbox"/>	
Process Item in Replenishment	<input checked="" type="checkbox"/>	
Safety Allowance	50,000	
Order Quantity Method	EOQ Economic Order Quantity	
Restocking Method	Order Point/Line Point	
Replenishment Method	Buy	
Replenishment Warehouse		
Movement Class	Movement Class 14	
Increase Suggested Quantity	0.000	
Order Point	0.000	
Line Point	0.000	
Min Stock	0.000	
Max Stock	0.000	
Create Date	07/20/16	
Lead Times	Actual: 0, Qualified: 0	<input type="checkbox"/> Change Lead Time
Last 6 Months Average Usage	0.00	
Transit Time in Days		

Buttons: OK, Cancel, Add Row, Reset Controls, Reset Demand, Import Usage, Create Records, Import Variables

Manage item level replenishment rules, by warehouse ensures proper restocking of inventory by location.

Forecast Replenishment Report

Buyer:
Vendor:
Warehouse Code: NY Warehouse
Item Group: All Item Groups
Surplus Warehouse: NY Warehouse

Vendor	Vendor Name	Ware	Item	Item Name	ItemGroup	Procurement	Ave...
19	V0013 North Star	01	MP2500GRY3234	Men's Classic Dress Pants Grey Size 32 34L	Clothing	Buy	45.00
20	V0013 North Star	01	MP2500GRY3236	Men's Classic Dress Pants Grey Size 32 36L	Clothing	Buy	45.00
21	V0013 North Star	01	MP2500GRY3238	Men's Classic Dress Pants Grey Size 32 38L	Clothing	Buy	45.00
22	V0013 North Star	01	MP2500GRY3430	Men's Classic Dress Pants Grey Size 34 30L	Clothing	Buy	26.00
23	V0013 North Star	01	MP2500GRY3434	Men's Classic Dress Pants Grey Size 34 34L	Clothing	Buy	45.00
24	V0013 North Star	01	MP2500GRY3436	Men's Classic Dress Pants Grey Size 34 36L	Clothing	Buy	45.00
25	V0013 North Star	01	MP2500GRY3438	Men's Classic Dress Pants Grey Size 34 38L	Clothing	Buy	45.00
26	V0013 North Star	01	MP2500GRY3632	Men's Classic Dress Pants Grey Size 36 32L	Clothing	Buy	45.00
27	V0013 North Star	01	MP2500GRY3634	Men's Classic Dress Pants Grey Size 36 34L	Clothing	Buy	45.00
28	V0013 North Star	01	MP2500GRY3636	Men's Classic Dress Pants Grey Size 36 36L	Clothing	Buy	45.00
29	V0013 North Star	01	MP2500GRY3834	Men's Classic Dress Pants Grey Size 38 34L	Clothing	Buy	45.00
30	V0013 North Star	01	MP2500GRY3838	Men's Classic Dress Pants Grey Size 38 38L	Clothing	Buy	45.00
31	V0013 North Star	01	MP2500GRY4032	Men's Classic Dress Pants Grey Size 40 32L	Clothing	Buy	45.00
32	V0013 North Star	01	MP2500GRY4034	Men's Classic Dress Pants Grey Size 40 34L	Clothing	Buy	45.00
33	V0013 North Star	01	MP2500GRY4036	Men's Classic Dress Pants Grey Size 40 36L	Clothing	Buy	7.00
34	V0013 North Star	01	MP2500GRY4038	Men's Classic Dress Pants Grey Size 40 38L	Clothing	Buy	45.00
35	V0013 North Star	01	MS2140BLKLG	Men's Pocket T-Shirt Black Large	Clothing	Buy	45.00

Buttons: Display, Cancel, Create PO, Create Production, Create Transfer ..., ATP

Replenishment Reports can be run by Buyer, Vendor, Warehouse, Item Group providing items requiring replenishment. Users can create PO, Production or Transfer within Report Screen.