



# iPlan

Inventory Planning for Business One



## iPlan – Inventory Planning for Business One

One of the main driving forces behind implementation of ERP systems has been the need to have better inventory control processes and systems. ERP applications while on one hand do introduce inventory management processes, they many a times come short of providing the necessary details required to further enhance and refine inventory management & control. ERP vendors are faced with the challenge to maintain a delicate balance of providing inventory control processes and not overwhelming the mid-market customer by introducing processes way beyond the executing capabilities.

iPlan – Inventory Planning for Business One is one such tool that allows organizations to further improve inventory management processes. The enhanced MRP (Material Requirement Planning) and OTB (Open to Buy) engines enable companies in Retail, Warehousing & Distribution to have a better control on their inventories resulting in better margins.

**Planning Parameters**

Scenario Code: MRP-Qtr1      Scenario Description: MRP - First Quarter 2011

**Planning Horizon**

Start Date: 01/01/2011      End Date: 03/31/2011

Consider Holidays for:  Production Planning       Purchase Planning

**Items**

From: P001      To: P002

Item Group: All

**Data Source**

Purchase Orders       Draft Purchase Orders

Sales Orders       Draft Sales Orders

Production Orders       Draft Transfer Order

Min. Inventory Level

Picking Recommendation for Transfer Order (Order Management)

**Plan for:**

Location	Warehouse Code	Warehouse Name
<input checked="" type="checkbox"/> New York	01	General Warehouse
<input checked="" type="checkbox"/> Los Angeles	02	West Cost Warehouse
<input checked="" type="checkbox"/> New York	04	Consignment Warehouse

Buttons: Save Scenario, Cancel, Run

## MRP – Material Requirement Planning

The enhanced MRP engine efficiently plans for each item – warehouse combination based on its own planning parameters and manages an unlimited number of items and locations.

The MRP engine generates order recommendations per warehouse based on the demand and supply within each warehouse location and the planning parameters defined for item and warehouse combination. The flexibility in defining planning parameters enables warehouses to maintain optimum stocking levels.

The MRP engine calculates the required stock to cover the gross demand for each item within the planning horizon and generates the following order recommendations:

- ✓ Purchase Orders
- ✓ Production Orders
- ✓ Transfer Orders

The purchase order recommendations can be converted to firm or draft purchase orders with in the SAP Business One purchasing module thus eliminating the need to reenter data. The system allows the user to create a single Purchase Order per vendor covering multiple warehouses or Purchase Order per vendor per warehouse.

Order Type	Item Code	Description	Recommended Qty.	Order Qty.	UoM
<input type="checkbox"/> Purchase Order	P001	Nokia N77	17.000	17.00	
<input type="checkbox"/> Inventory Transfer	P001	Nokia N77	17.000	17.00	
<input type="checkbox"/> Inventory Transfer	P001	Nokia N77	17.000	17.00	
<input type="checkbox"/> Purchase Order	P002	Nokia Charger	1.000	1.00	
<input type="checkbox"/> Inventory Transfer	P002	Nokia Charger	1.000	1.00	





## Contact us:

USA - New York  
Rockefeller Center, 7th Floor  
1230 Avenue of the Americas  
New York, Ny10020  
USA  
T: 1 212 745 1365  
F: 1 212 618 6309  
E: newyork@citixsys.com

Asia Pacific - Sydney  
Tower 2, Level 20  
201 Sussex Street  
Sydney NSW 2000  
Australia  
T: 61 2 9006 1616  
F: 61 2 9006 1515  
E: sydney@citixsys.com

EMEA - London  
Lakeside House  
1 Furzeground Way, Stockley Park  
Uxbridge UB11 1BD  
United Kingdom  
T: 44 0 207 193 5607  
F: 44 0 207 681 1016  
E: london@citixsys.com

USA - Chicago  
The Merc, West Loop, 22nd Floor  
30 South Wacker Drive  
Chicago, IL 60606  
USA  
T: 1 630 359 5956  
F: 1 630 303 9706  
E: chicago@citixsys.com

Asia Pacific - Melbourne  
Level 27, 525 Collins Street  
Rialto South Tower  
Melbourne 3000  
Australia  
T: 61 3 9935 2916  
F: 61 3 9935 2750  
E: melbourne@citixsys.com

India - New Delhi  
A-24/5, MCIE  
Mathura Road  
New Delhi 110044  
India  
T: 91 11 42696666  
F: 91 11 42696600  
E: newdelhi@citixsys.com

Canada - Toronto  
8th Floor  
2425 Matheson Blvd. East  
Mississauga, ON L4W 5K4  
Canada  
T: 1 905 361 2886  
F: 1 905 361 6401  
E: toronto@citixsys.com

Asia Pacific - Perth  
Level 29, Forrest Centre  
221 St Georges Tce  
Perth WA 6000  
Australia  
T: 61 8 9288 0662  
F: 61 8 9481 3177  
E: perth@citixsys.com

[www.citixsys.com](http://www.citixsys.com)