

PURPOSE:

DEACOM's MRP approach is to provide a filtered list of only those items requiring action by the user. These items include those that are purchased.

The MRP functionality calculates demand based on scheduled sales orders, scheduled production jobs and indirect requirements. Indirect requirements are defined as the quantity of materials required to satisfy suggestions for the displayed item in the Bill of Materials. As an example, a raw material used to make a finished good will have an indirect quantity showing in MRP if a sales order for the finished good is entered. Production jobs are not required in order to see the material requirements for a specific raw material because DEACOM takes scheduled sales orders into consideration when calculating MRP.

PROCESS STEPS:

1. Navigate to Inventory > MRP to display the MRP pre-filter.
2. Ensure Report Type is Time-Phased (which will display all the demand and supply as rows to review)
3. Keep Display as Suggested <> 0 (shows items where net on-hand <= min. values).
4. Choose a Bucket Type
5. Enter number of buckets
6. If you want to see needs for one facility, enter the facility. If you want to see needs for the whole company, do not enter the facility.
7. Change the source to Purchased
8. Fill in any additional selections or fields in the pre-filter. (ex. Can search by specific part, specific vendor, specific facility, etc.)
 - a. For purchasing, multiple reports may want to be run while filtering by Item Type (for Raw Materials and for Supplies).
9. Click the "View" button to generate the MRP report form.
10. Click Expand to see detailed demand and supply information for the parts on the report.
11. Review the items suggested
12. Double clicking on the **Suggested** row of each part to be ordered, this will change the suggestion from No to Yes.
13. You can create the PO using one of the following options:
 - a. Auto PO
 1. If there is a Preferred Vendor, click the Auto PO soft button at the top.
 2. A notice will appear indicating the number of POs that are going to be created. Click Yes if you want to create the POs
 3. Confirm the information on the General Tab is correct
 4. Confirm the information on the Misc. 1 and Misc. 2 tabs are correct
 5. Confirm the dates on the date tab
 6. Confirm items and pricing
 7. Click exit
 - b. Create PO
 1. Click Create PO soft button at the top
 2. Choose the Vendor
 3. Confirm the information on the General Tab is correct
 4. Confirm the information on the Misc. 1 and Misc. 2 tabs are correct
 5. Confirm the dates on the date tab
 6. Confirm items and pricing



Creating POs through MRP

SOP 182

Revision I/R, 01/08/2018

Approved by: Don Stanton

7. Click exit

NOTE: If you did not enter a facility on the pre-filter, you will need to choose a facility at the time the purchase order is created.

REVISIONS

Rev	Date	Change
I/R	01/08/18	New