

Using MD07 in SAP: Evaluating Stock On Hand/On Order

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A person could make a career of learning and refining the use of MRP, especially as it applies to SAP...and that's just what Adam Tysman has done. In this issue Adam simplifies the process by showing you how to use the MD07 transaction to more accurately evaluate the stock on-hand and on-order, to identify weaknesses and strengths in your MRP configuration. Although there are only a couple steps involved, there are a myriad of configuration options and decisions to be made in each. Adam takes you through each of these options and explains their use...and the resulting affect on your Stock On-hand.

Click here to read this Snippet



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The third tab allows you to search the list on the basis of MRP elements within a specified date range. For example, you wish to investigate if any of the “Red Light” items have open Purchase Orders expected within the next week. In this case, you would specify this period, and select PO, as in Figure 13.

These items would then be highlighted and your investigations into the supply/demand issues can be undertaken in an efficient manner, one that does not require you to look through many non-relevant materials, lowering man hours spent in rectification of planning errors.

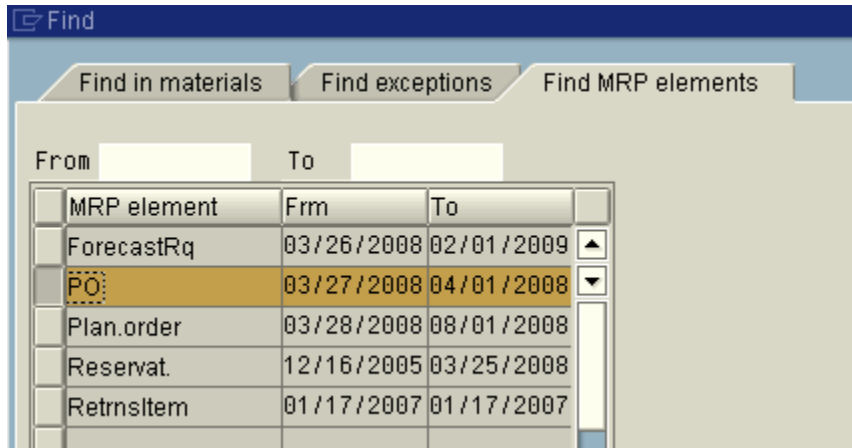


Figure 13: Find MRP Element

Part 3 – Figure 4: Investigation and Correction

So far, this paper has focused on identification of material for which the system has determined that the planning that has taken place has not resulted in an optimal balance between supply and demand. Once identified, what is required is that an investigation as to the source of the poor planning situation be identified and subsequently rectified.

In order to do this, press the button on the very far left of the line (adjacent to the traffic light) concerned. This will highlight the line. You can then press the selected stock requirements list button to access the Individual requirements list for that material.

Alternatively, you can just double-click the line to achieve the same result.

Either way, the system will now display a detailed planning screen for the individual material. On this screen, each MRP relevant event, and the MRP elements concerned, are displayed.

For the purpose of explanation and example, we will consider a straightforward material that has a value of 999.9 in all three receipt days supply columns, and has one message in Group 7 on the MD07 screen.



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Double-clicking on the line concerned loads the Individual Stock Requirements list (Transaction MD04) displayed in Figure 14.

Stock/Requirements List as of 12:47 Hrs

Material: 620370600
Plant: EA 1 MRP type: HX Material type: GEN Unit: EA

Overview of material data

MRP controller	TR	SupplierTr	MRP group	NU
Purchasing group	FUL	Np Purchasing	Strategy group	
Procurement type	F		Special procurement	
Planning time fence	0		Availability check	02
ABC indicator				

Date	MRP ...	MRP element data	Reschedul...	Excep...	Rec./reqd.qty	Available qty	S...
07/23/2007	Stock					42,000	
08/01/2007	PO	9830000605/00001		20	12,000	54,000	01

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P (4) (400)

Figure 14: Individual Stock Requirements List

Here we see that for this particular material there is stock of 42,000 and a PO has been created for 12,000.

The error message in Group 7 that we saw on the collective display is revealed to be message 20, "Cancel receipt".

Investigation (clicking on the magnifying glass next to the item) brings some further detail on the MRP element concerned. Clicking on the "glasses" icon on that additional information screen opens the MRP element itself. This reveals that the PO, listed under the MRP element data column was manually created, in error.