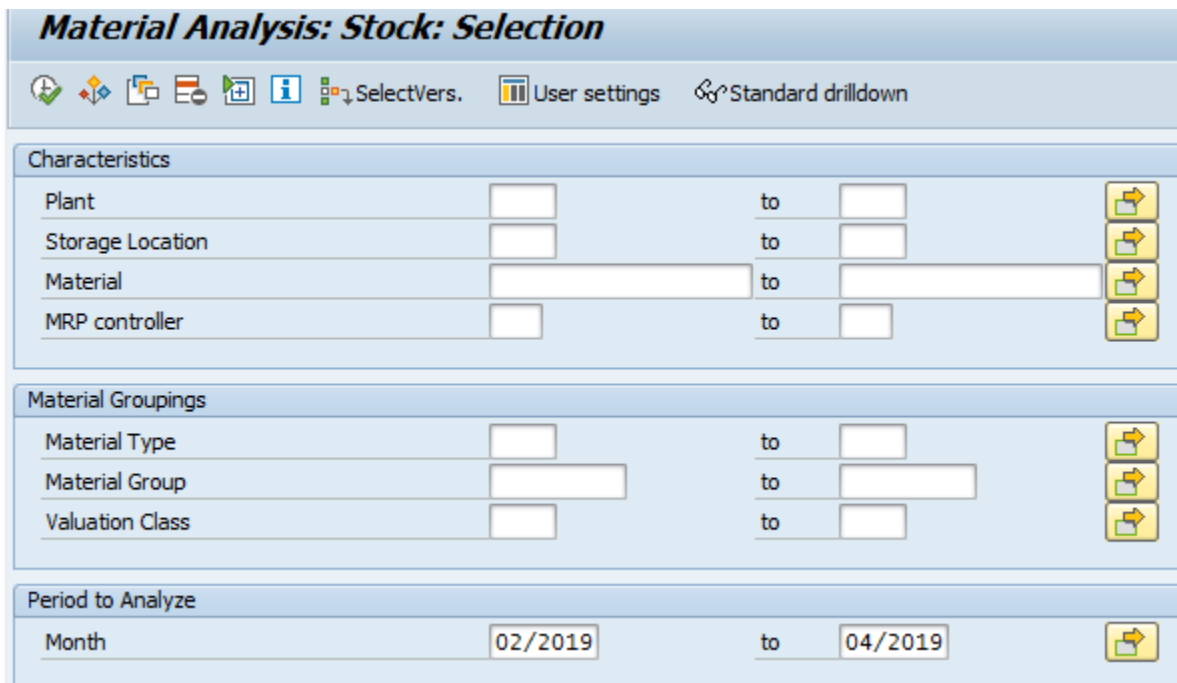


## MC.9 and Better Inventory Optimization

I think MC.9 is perhaps one of the most under-utilized Tcodes in SAP. In this short article, I am going to show you how to set it up and start to see its value.

Please note MCBE is as near as I can tell the same as MC.9, but it shows consigned inventory quantities. Everything I show you here can be done in MCBE.

When you first go in to MC.9 you will see this. Notice it has a default date range which you can change. Input a plant number and execute it and it will take you to a screen showing on hand quantity, on hand value, and for some reason consignment.



The screenshot shows the SAP 'Material Analysis: Stock: Selection' interface. It features a top navigation bar with icons for navigation and settings, including 'SelectVers.', 'User settings', and 'Standard drilldown'. The main area is divided into three sections: 'Characteristics', 'Material Groupings', and 'Period to Analyze'. Each section contains input fields for various parameters, with 'to' fields indicating a range. Each input field has a small yellow arrow icon to its right, likely for saving or applying the selection.

Material Analysis: Stock: Selection			
Characteristics			
Plant	<input type="text"/>	to	<input type="text"/>
Storage Location	<input type="text"/>	to	<input type="text"/>
Material	<input type="text"/>	to	<input type="text"/>
MRP controller	<input type="text"/>	to	<input type="text"/>
Material Groupings			
Material Type	<input type="text"/>	to	<input type="text"/>
Material Group	<input type="text"/>	to	<input type="text"/>
Valuation Class	<input type="text"/>	to	<input type="text"/>
Period to Analyze			
Month	<input type="text" value="02/2019"/>	to	<input type="text" value="04/2019"/>

To get more out of MC.9 I add different key figures (1) and select new dimensions to add. To save these settings, I go to settings (2) and select save settings. Then just click through the pop ups.

Material Analysis: Stock: Basic List

No. of Material: 15021

Material	ValStockValue	Valuated stock	AnTtStTn-V	AvgRC TStk	Tot.
Total	166,941,5				225

Choose Key figures dialog:

- Selection criteria
- Valuated Stock Value
- Valuated stock
- Anl.ttl.stktrn-value
- Avg. RC total stock
- Total usage value
- Total consumption
- No. total usage
- Last consumption
- Safety stock
- Last Receipt

Pool:

- Anl.val.stktrn-value
- Annual cns.stockturn
- Annual ttl.stockturn
- Annual val.stockturn
- Average consumption
- Avg CoStQty turnover
- Avg InTurnQty- ValSt
- Avg. ttl usage value
- Avg. unplanned usage
- Avg.cnsgt.coverage
- Avg.cvg.tt.stk-value
- Avg.cvg.vl.stk-value

Current number: 10  
Maximum number: 30

Click these triangles to move key figures over

Most MC screens behave like this and give you up to 30 dimensions to play around with. Here is how I have my default set up.

**Valuated Stock Value:** the value of your current inventory.

**Valuated Stock:** Your current inventory in quantity.

**Anl ttltrn-value:** This is inventory turns by part number.

**Avg RC Total Stock:** This is the number of days of forecast you have covered (does not consider past due).

**Total Usage Value:** This is the total usage value during the period specified.

**Total Consumption:** this is the total usage in pieces during the period covered.

**No. Total usage:** This is the number of times, or frequency, you used a materials. It is not quantity. This should correlate to the HIJ values in SAP, which are based on picks.

**Last Consumption:** This is the last time you back-flushed a material.

**Safety Stock:** this is the static safety stock setting.

**Last Receipt:** This is the last time you received a material.

A 3<sup>rd</sup> feature to point out is the “time series” icon. If you click on a key figure column, and then click this icon, it will take you to, for example, your usage value in each month in the time series.

Time series

Key figure Valuated stock

Material	02/2019	03/2019	04/2019
Total	128050,582.854 ***	127491,006.336 ***	128510,016.513 ***
	125 EA	254 EA	121 EA
	22,438 IN	22,440 IN	11,120 IN
	203 EA	203 EA	203 EA
	193 EA	193 EA	135 EA
	7 EA	7 EA	7 EA
	156 EA	156 EA	156 EA

I use this tcode in most if not all my analysis of inventory, and it also has great value in problem solving.

In subsequent short articles, I will show you how to do great things with it.