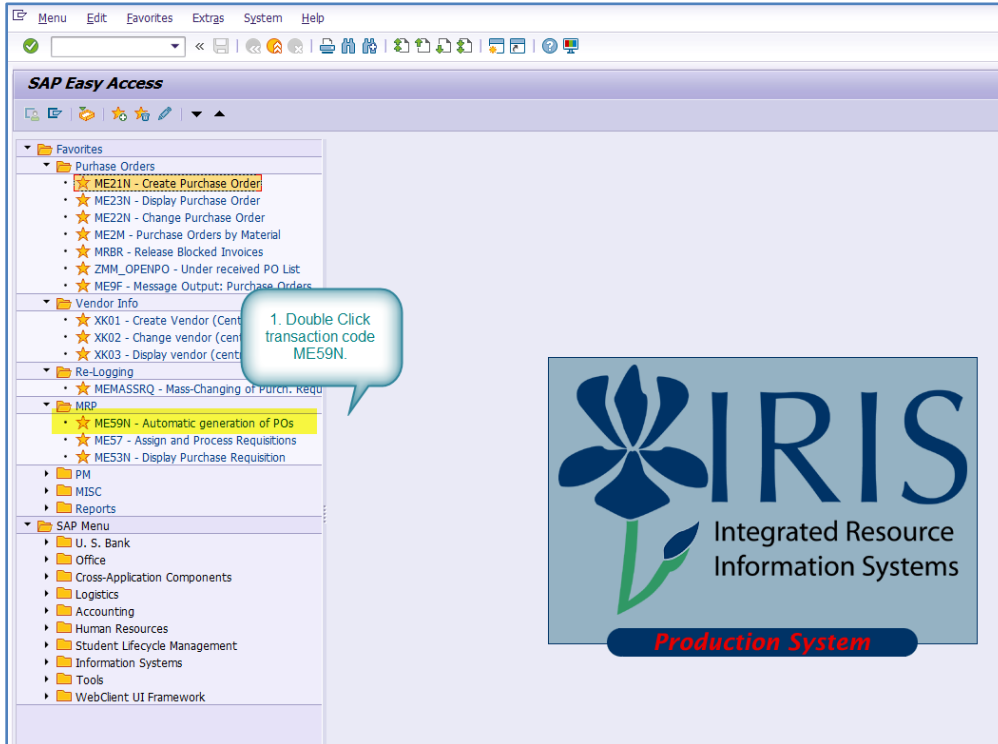


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Materials Requirements Planning (MRP) is a program that is run each day by dedicated buyers (in both central and Hospital Purchasing) to batch process all MRP requisitions to purchase orders and place with respective suppliers.

MRP execution is assigned to specific buyers within both Purchasing areas with multiple backup assignments to other staff as needed. It can only be run by those with the role assignment and T-code.



Automated Purchase Orders from Requisitions

2. Click on the highlighted "Get Variant" button.

Purchasing	to		
Purch. Organ.	to		
Fixed Vendor	to		
Contract	to		
Plant	to		
Supplying Plant	to		

New Purchase Order

<input type="checkbox"/> Per Purchasing Group	<input type="checkbox"/> Per delivery date
<input type="checkbox"/> Per Plant	<input type="checkbox"/> Per Vendor Subrange
<input type="checkbox"/> Per Storage Location	<input type="checkbox"/> Per Requisition
<input type="checkbox"/> Per Item Category	<input type="checkbox"/> Per Requisition Item
<input checked="" type="checkbox"/> Per Company Code	<input checked="" type="checkbox"/> Per Contract

Other Parameters

<input type="checkbox"/> Generate Schedule Lines	Detailed Log	<input type="checkbox"/>
<input type="checkbox"/> Omit Faulty Items	Set PReqs to "Closed"	1
<input type="checkbox"/> Test Run		

Material Group	to		
Release Date	to		
Delivery Date	to		
MRP Controller	to		
Purchase Requisition	to		
Material	to		
Req. Tracking Number	to		

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A note on variants: For HCSMC, each buyer has their own variant. To run MRP for the Hospital, you will click on your own variant. For Facilities/Supply Center MRP, please click on the Facility MRP variant. For ITAM MRP, please use the ITAM variant. A word of caution

-DO NOT CLICK ON THE EXECUTE BUTTON UNTIL YOU HAVE SELECTED THE APPROPRIATE VARIANT. THIS WILL CAUSE ALL OF THE VARIANTS TO RUN-

Automatic Creation of Purchase Orders from Requisitions

Purchasing Group: [] to []

Purch. Organization: UK00 to []

Fixed Vendor: [] to []

Contract: [] to []

Plant: ABAP: Variant Directory of P []

Supplying []

Variant Catalog for Program RM

Variant name	Short Description
CHAR AUTO PO	charlotte auto po
FACILITY MRP	Facility's PO for MRP run
HOSP AUTO PO	Hosp AUTO PO
MARGARETS AUTO	margarets auto po's
MRP IVS,GLOVES	MRP IV, Glove Orders

New Purch.

☐ Per P

☐ Per P

☐ Per S

☐ Per It

☒ Per C

Other Par

☐ Gener

☐ Omit

☐ Test

Material Group: [] to []

Release Date: [] to []

Delivery Date: [] to []

MRP Controller: [] to []

Purchase Requisition: [] to []

3. Double Click on Facility MRP

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A note on entering Purchasing Group, this will be filled in by the variant you select.
For HCSCM, please make sure it is your buyer number.

Automatic Creation of Purchase Orders from Requisitions

Purchasing Group to
Purch. Organization to
Fixed Vendor to
Contract to
Plant to
Supplying Plant to

New Purchase Order

☐ Per Purchasing Group ☐ Per delivery date
☐ Per Plant ☐ Per Vendor Subrange
☒ Per Storage Location ☐ Per Requisition
☐ Per Item Category ☐ Per Requisition Item
☒ Per Company Code ☒ Per Contract

Other Parameters

☐ Generate Schedule Lines Detailed Log
☐ Omit Faulty Items Set PReqs to "Closed"
☒ Test Run

Material Group to
Release Date to
Delivery Date to
MRP Controller to
Purchase Requisition to
Material to
Req. Tracking Number to
Document Type to
Item Category to
Acct Assignment Cat. to
Processing status to
PReq. processing state to
Requisitioner

4. Purchasing Group should be filled in as 013
5. Purch. Organ. should be UK00 and Plant should be UK10
6. Fixed Vendor should always be Empty
7. First run through should have test run check box selected and then just click execute.

Vendor 120466 Spill Management Products Inc										1	1	
1	YB	UK00 068								Test run successful	1	0
			4600001549	770	30517914	10				Requisition successfully converted	0	1
Vendor 120589 Technical Communities Inc										1	1	
2	YB	UK00 013								Test run successful	1	0
			4600001243	10	30517963	10				Requisition successfully converted	0	1
Vendor 120945 Stanley Security Solutions										2	2	
3	YB	UK00 013								Test run successful	2	0
			4600000659	700	30517978	10				Requisition successfully converted	0	1
			4600000659	790	30517979	10				Requisition successfully converted	0	1
Vendor 121035 Grainger Inc										34	34	
4	YB	UK00 068								Test run successful	1	0
			4600001018	930	30517977	10				Requisition successfully converted	0	1
5	YB	UK00 068								Test run successful	13	0
			4600001439	1390	30517867	10				Requisition successfully converted	0	1
			4600001439	3220	30517868	10				Requisition successfully converted	0	1
			4600001439	3610	30517869	10				Requisition successfully converted	0	1
			4600001439	5320	30517910	10				Requisition successfully converted	0	1
			4600001439	2820	30517911	10				Requisition successfully converted	0	1
			4600001439	4310	30517912	10				Requisition successfully converted	0	1
			4600001439	1510	30517913	10				Requisition successfully converted	0	1
			4600001439	160	30517932	10				Requisition successfully converted	0	1
			4600001439	2850	30517933	10				Requisition successfully converted	0	1
			4600001439	2860	30517934	10				Requisition successfully converted	0	1
			4600001439	2930	30517935	10				Requisition successfully converted	0	1
			4600001439	2950	30517936	10				Requisition successfully converted	0	1
			4600001439	3800	30517944	10				Requisition successfully converted	0	1
6	YB	UK00 068								Test run successful	3	0
			4600001439	3820	30517959	10				Requisition successfully converted	0	1
			4600001439	3360	30517960	10				Requisition successfully converted	0	1
			4600001439	4300	30517962	10				Requisition successfully converted	0	1
7	YB	UK00 068								Test run successful	5	0
			4600001548	3350	30517915	10				Requisition successfully converted	0	1
			4600001548	3360	30517916	10				Requisition successfully converted	0	1
			4600001548	3630	30517917	10				Requisition successfully converted	0	1
			4600001548	660	30517918	10				Requisition successfully converted	0	1
			4600001548	700	30517919	10				Requisition successfully converted	0	1
8	YB	UK00 068								Test run successful	4	0
			4600001548	3720	30517688	10				Requisition successfully converted	0	1
			4600001548	3170	30517689	10				Requisition successfully converted	0	1
			4600001548	4880	30517074	10				Requisition successfully converted	0	1

8. Always scroll through and make sure it is all green squares. Occasionally you will end up with a red bomb. If this happens, you write down the req number and we have to do more investigative work to see why it failed. Usually loop in people from stores, the contracting officer and Jody to see what happened. You will also notice that the verbiage "Test run successful" is shown indicating you are in test run mode.

8. Always scroll through and make sure it is all green squares. Occasionally you will end up with a red bomb. If this happens, you write down the req number and we have to do more investigative work to see why it failed. Usually loop in people from stores, the contracting officer and Jody to see what happened. You will also notice that the verbiage "Test run successful" is shown indicating you are in test run mode.

Automatic Creation of Purchase Orders from Requisitions									
PO	OTyp	POrg	PGr	Agreement	Item	Purch.Req.	Item	...	Message Text
				4600002858	340	30517954	10		Requisition successfully converted
				4600002858	2370	30517955	10		Requisition successfully converted
				4600002858	2640	30517956	10		Requisition successfully converted
Vendor 122571 Ferguson Enterprises Inc									
13	YB	UK00	068						Test run successful
				4600002856	1530	30517950	10		Requisition successfully converted
				4600002856	170	30517951	10		Requisition successfully converted
Vendor 123380 Baumann Paper Company Inc									
14	YB	UK00	037						Test run successful
				4600001805	1590	30517941	10		Requisition successfully converted
				4600001805	1160	30517942	10		Requisition successfully converted
				4600001805	190	30517943	10		Requisition successfully converted
				4600001805	2940	30517946	10		Requisition successfully converted
Vendor 123599 Air Equipment Company									
15	YB	UK00	013						Test run successful
					30517965		10		Requisition successfully converted
Vendor 124417 Specialty Distributors									
16	YB	UK00	037						Test run successful
					30517958		10		Requisition successfully converted
Vendor 124421 Johnstone Supply									
17	YB	UK00	013						Test run successful
					30517957		10		Requisition successfully converted
Vendor 125690 Southland Electrical Supply Co Inc									
18	YB	UK00	068						Test run successful
				4600002302	1900	30517938	10		Requisition successfully converted
19	YB	UK00	068						Test run successful
				4600002302	1610	30517970	10		Requisition successfully converted
20	YB	UK00	068						Test run successful
				4600002302	240	30517948	10		Requisition successfully converted
				4600002302	3170	30517964	10		Requisition successfully converted
Vendor 126512 VWR International LLC									
21	YB	UK00	057						Test run successful
				4600002770	780	30517939	10		Requisition successfully converted
				4600002770	30	30517940	10		Requisition successfully converted
Vendor 126836 CLARK Security Products									
22	YB	UK00	068						Test run successful
					30517949		10		Requisition successfully converted
Vendor 127740 Consolidated Electrical Distributor									
23	YB	UK00	068						Test run successful
				4600002301	1100	30517866	10		Requisition successfully converted

9. After you are finished looking over everything so see if it will process correctly. Click the green back arrow one time.

Automatic Creation of Purchase Orders from Requisitions

Purchasing Group: 013 to
Purch. Organization: UK00 to
Fixed Vendor: to
Contract: to
Plant: UK10 to
Supplying Plant: to

New Purchase Order

☐ Per Purchasing Group
☐ Per Plant
☒ Per Storage Location
☐ Per Item Category
☒ Per Company Code

Other Parameters

☐ Generate Schedule Line
☐ Omit Faulty Items
☐ Test Run

10. If everything looked good you can unclick test run and click execute again

Material Group: to
Release Date: to
Delivery Date: to
MRP Controller: to
Purchase Requisition: to
Material: to
Req. Tracking Number: to
Document Type: YM to
Item Category: to
Acct Assignment Cat.: to
Processing status: to

Automatic Creation of Purchase Orders from Requisitions

PO	OTyp	POrg	PGr	Agreement	Item	Purch.Req.	Item	...	Message Text	Me...	M...	z	No.of Items	z	No. requis
Vendor 120466 Spill Management Products Inc															
4300172256	YB	UK00	068		4600001549	770	30517914	10	Purchase order successfully created				1		1
									Requisition successfully converted				0		0
Vendor 120589 Technical Communities Inc															
4300172257	YB	UK00	013		4600001243	10	30517963	10	Purchase order successfully created				1		1
									Requisition successfully converted				0		0
Vendor 120945 Stanley Security Solutions															
4300172258	YB	UK00	013		4600000659	700	30517978	10	Purchase order successfully created				2		2
					4600000659	790	30517979	10	Requisition successfully converted				0		0
									Requisition successfully converted				0		1
Vendor 121035 Grainger Inc															
4300172259	YB	UK00	068		4600001018	930	30517977	10	Purchase order successfully created				34		34
									Requisition successfully converted				1		0
									Requisition successfully converted				0		1
4300172260	YB	UK00	068		4600001439	1390	30517867	10	Purchase order successfully created				13		0
					4600001439	3220	30517868	10	Requisition successfully converted				0		1
					4600001439	3610	30517869	10	Requisition successfully converted				0		1
					4600001439	5320	30517910	10	Requisition successfully converted				0		1
					4600001439	2820	30517911	10	Requisition successfully converted				0		1
					4600001439	4310	30517912	10	Requisition successfully converted				0		1
					4600001439	1510	30517913	10	Requisition successfully converted				0		1
					4600001439	160	30517932	10	Requisition successfully converted				0		1
					4600001439	2850	30517933	10	Requisition successfully converted				0		1
					4600001439	2860	30517934	10	Requisition successfully converted				0		1
					4600001439	2930	30517935	10	Requisition successfully converted				0		1
					4600001439	2950	30517936	10	Requisition successfully converted				0		1
					4600001439	3800	30517944	10	Requisition successfully converted				0		1
4300172261	YB	UK00	068		4600001439	3820	30517959	10	Purchase order successfully created				3		0
					4600001439	3360	30517960	10	Requisition successfully converted				0		1
					4600001439	4300	30517962	10	Requisition successfully converted				0		1
4300172262	YB	UK00	068		4600001548	3350	30517915	10	Purchase order successfully created				5		0
					4600001548	3360	30517916	10	Requisition successfully converted				0		1
					4600001548	3630	30517917	10	Requisition successfully converted				0		1
					4600001548	660	30517918	10	Requisition successfully converted				0		1
					4600001548	700	30517919	10	Requisition successfully converted				0		1
4300172263	YB	UK00	068		4600001548	3720	30517688	10	Purchase order successfully created				4		0
					4600001548	3170	30517689	10	Requisition successfully converted				0		1
					4600001548	4000	30517690	10	Requisition successfully converted				0		1

11. You will notice now that next to each req and the green squares, there will be PO #s listed as well as the verbiage "Purchase order successfully created". This means MRP has run successfully and you are done. You can just click the green back arrow twice to get out of the T-Code.

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The MRP assigned buyer notifies via email all buyers each day that may have materials that processed onto purchase orders after it is run.

If any orders do not process for various reasons (incorrect contract price or date, etc.), they will populate into the requisition work queues for the respective buyer to be corrected and placed manually, usually using T-code ME57.

