



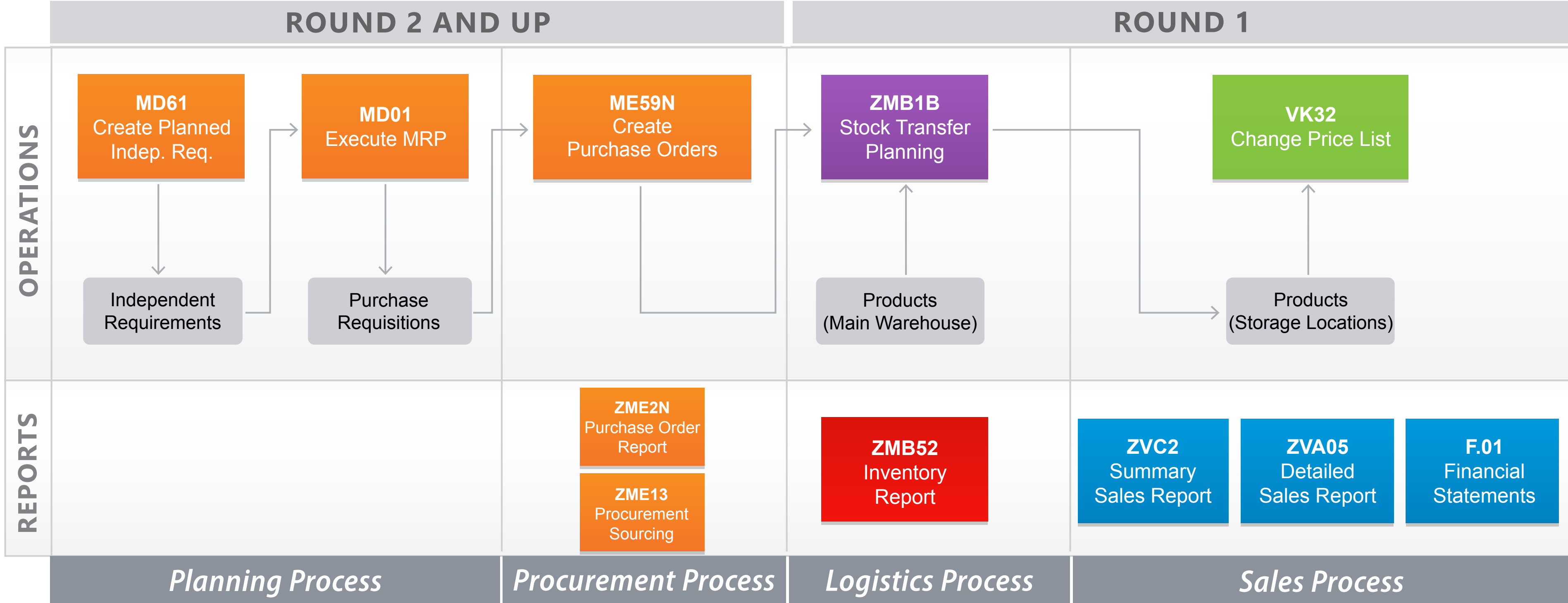
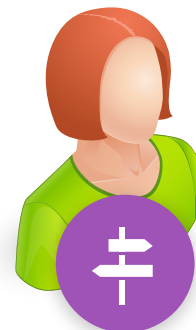
**ROUND 2**

# Replenishment

- Now you need to replenish your stock.
- In Round 2, you will be able to adjust and change your replenishment levels.
- Replenishment should occur at least every 5 days.

	\$\$-T01	\$\$-T02	\$\$-T03	\$\$-T04	\$\$-T05	\$\$-T06
Name	Milk	Cream	Yoghurt	Cheese	Butter	Ice Cream
Delay	1	1	1	1	1	1
Initial stock	950	300	700	350	400	300

# Game Layout - Business Processes



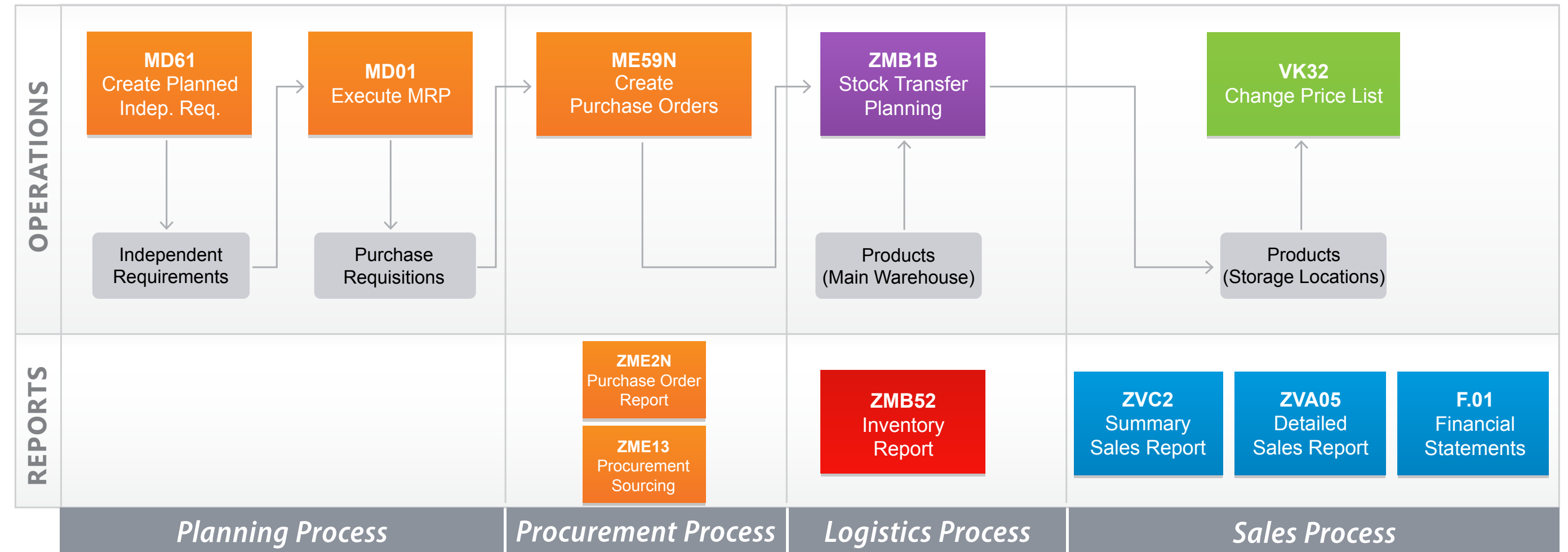
# Planning Manager



## PLANNING MANAGER

Login:

Password:



### FORECAST SALES

Create Planned Indep. Req. (MD61)

- 1  Product group:
  - 2
  - 3 Enter forecasted quantities in the 2nd date column
  - 4
- ! The quantity corresponds to the replenishment level

### CALCULATE REQUIREMENTS

MRP Run (MD01)

- 1 Click on *Enter*
- 2 Ignore orange warnings  
Click two more times on *Enter*
- 3 In the pop-up window, click

### PURCHASING

Create Purchase Orders (ME59N)

- 1
- ! Purchase orders are created
- ! If no open requisitions :  
No suitable requisitions found.

### PROCUREMENT

Purchase Order Tracking (ZME2N)

Shows the details and the status of each purchase order

Shows the dates of expected goods delivery

Procurement Sourcing (ZME13)

Shows the price of each product sold by the vendor



# Execute MRP

## CALCULATE REQUIREMENTS

### MRP Run (MD01)

- 1 Click on *Enter*
- 2 Ignore orange warnings  
Click two more times on *Enter*
- 3 In the pop-up window, click **Continue**

The image shows two screenshots of the SAP MRP Run (MD01) interface. The left screenshot displays the main control parameters, and the right screenshot shows a pop-up window with statistics and parameters.

**MRP Run (MD01) - Control Parameters**

Scope of planning:    
 Plant: Z5

**MRP control parameters**

Processing key:	NEUPL	Regenerative Planning
Create purchase req.:	1	Purchase requisitions
Schedule lines:	3	Schedule lines
Create MRP list:	1	MRP list
Planning mode:	3	Delete and recreate planning data
Scheduling:	1	Determination of Basic Dates for Planned

Planning date: 2020-05-19

**Process control parameters**

Parallel processing  
 Display material list

**User exit: select materials for planning**

User exit key:   
User exit parameter:

**MRP Run - Pop-up Window**

**Statistics**

Materials planned	52
Materials with New Exceptions	6
Materials with Termination MRP List	

**Parameters**

Scope of Planning	Z5
Plnt	
Processing Key	NEUPL
Create Purchase Requisition	1
SA Schedule Line	3
Create MRP List	1
Planning Mode	3
Scheduling	1
MRP Date	2020-05-19

**Database Statistics**

Purchase requisitions created	6
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**Runtime Statistics**

Start of Planning Run	14:51:33
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# Convert Purchase Requisitions to Purchase Orders

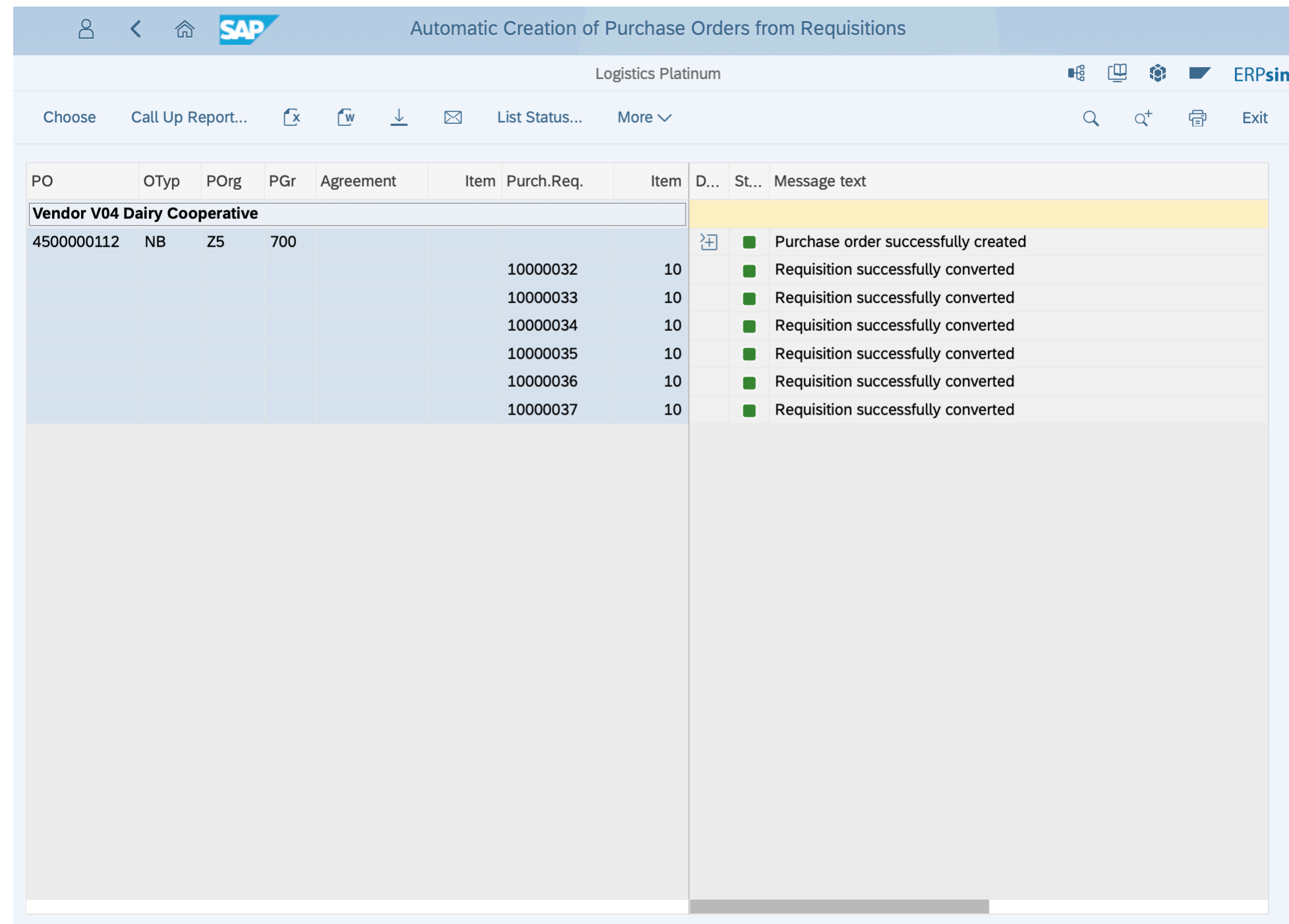
## PURCHASING

### Create Purchase Orders (ME59N)

1 **Execute**

! Purchase orders are created

! If no open requisitions :  
• *No suitable requisitions found.*



The screenshot shows the SAP interface for 'Automatic Creation of Purchase Orders from Requisitions'. The table displays the following data:

PO	OTyp	POrg	PGr	Agreement	Item	Purch.Req.	Item	D...	St...	Message text
<b>Vendor V04 Dairy Cooperative</b>										
4500000112	NB	Z5	700							
					10000032		10			■ Purchase order successfully created
					10000033		10			■ Requisition successfully converted
					10000034		10			■ Requisition successfully converted
					10000035		10			■ Requisition successfully converted
					10000036		10			■ Requisition successfully converted
					10000037		10			■ Requisition successfully converted



# Track Purchase Orders

## PROCUREMENT

### Purchase Order Tracking (ZME2N)

Shows the details and the status of each purchase order

Shows the dates of expected goods delivery

### Procurement Sourcing (ZME13)

Shows the price of each product sold by the vendor

Purchase Order Tracking: Round 2 Day 09

Order	Vendor	Material Description	Quantity	Price	Price Unit	Value	Status	Goods
4500000112	V04	Cream	74	72.07	1	5,333.18	Delivered	2/09
		Yoghurt	500	25.85	1	12,925.00	Delivered	2/09
		Cheese	134	82.68	1	11,079.12	Delivered	2/09
		Milk	601	22.95	1	13,792.95	Delivered	2/09
		Butter	443	59.88	1	26,526.84	Delivered	2/09
		Ice Cream	375	43.15	1	16,181.25	Delivered	2/09
4500000111		Ice Cream	300	43.15	1	12,945.00	Delivered	2/01
		Butter	400	59.88	1	23,952.00	Delivered	2/01
		Cheese	350	82.68	1	28,938.00	Delivered	2/01
		Yoghurt	700	25.85	1	18,095.00	Delivered	2/01
		Cream	300	72.07	1	21,621.00	Delivered	2/01
		Milk	950	22.95	1	21,802.50	Delivered	2/01
4500000110		Ice Cream	300	43.15	1	12,945.00	Delivered	1/06
		Butter	400	59.88	1	23,952.00	Delivered	1/06
		Cheese	350	82.68	1	28,938.00	Delivered	1/06
		Yoghurt	700	25.85	1	18,095.00	Delivered	1/06
		Cream	300	72.07	1	21,621.00	Delivered	1/06
		Milk	950	22.95	1	21,802.50	Delivered	1/06
4500000109		Ice Cream	300	43.15	1	12,945.00	Delivered	N.Sch
		Butter	400	59.88	1	23,952.00	Delivered	N.Sch
		Cheese	350	82.68	1	28,938.00	Delivered	N.Sch
		Yoghurt	700	25.85	1	18,095.00	Delivered	N.Sch
		Cream	300	72.07	1	21,621.00	Delivered	N.Sch
		Milk	950	22.95	1	21,802.50	Delivered	N.Sch



# Procurement Sourcing

## PROCUREMENT

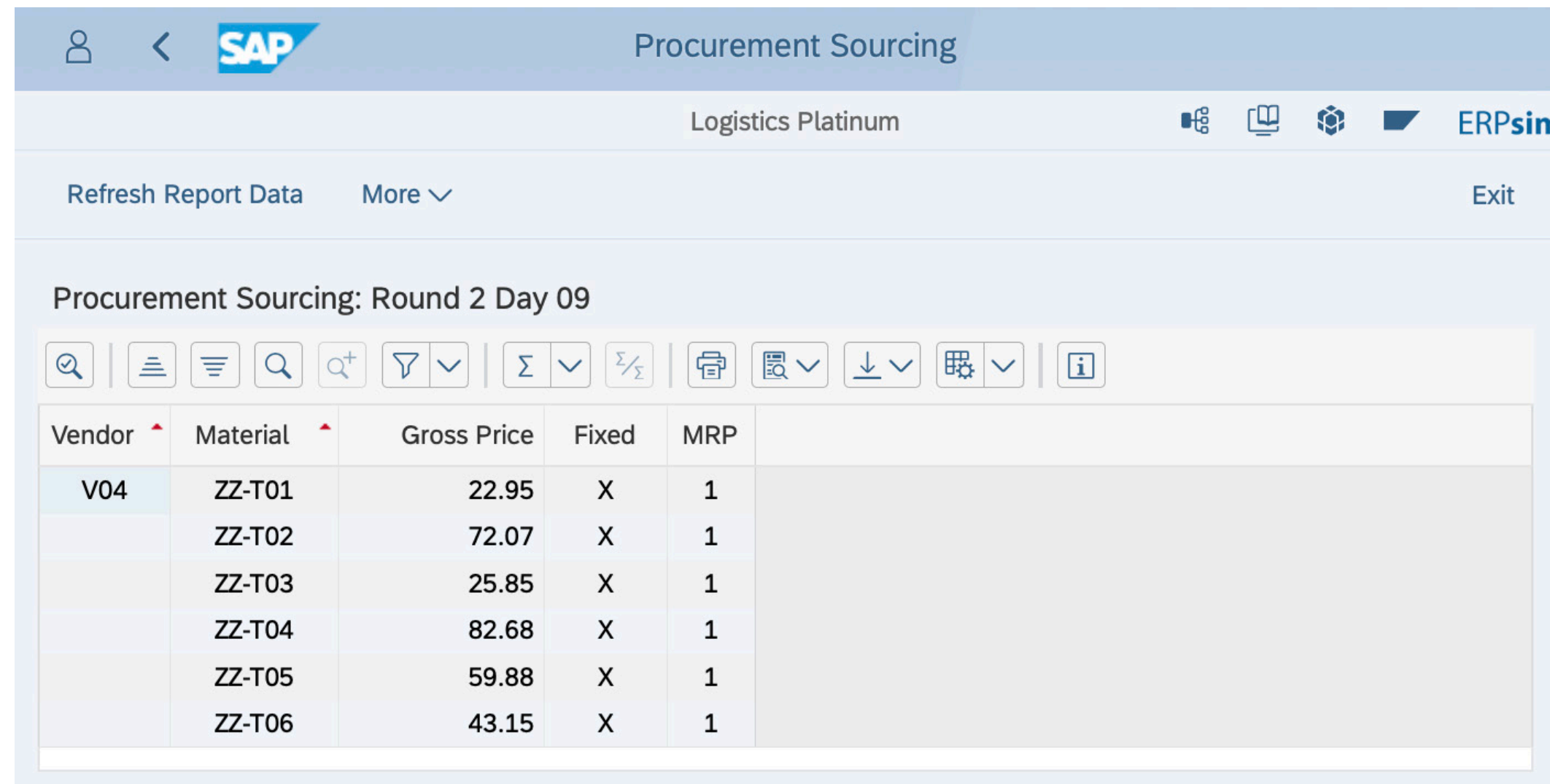
### Purchase Order Tracking (ZME2N)

Shows the details and the status of each purchase order

Shows the dates of expected goods delivery

### Procurement Sourcing (ZME13)

Shows the price of each product sold by the vendor



The screenshot shows the SAP Procurement Sourcing interface. At the top, there is a navigation bar with the SAP logo, a back arrow, and the text 'Procurement Sourcing'. Below this, there is a sub-header 'Logistics Platinum' and the 'ERPsim' logo. The main content area is titled 'Procurement Sourcing: Round 2 Day 09'. Below the title, there is a toolbar with various icons for search, filter, and data manipulation. The main data is presented in a table with the following columns: Vendor, Material, Gross Price, Fixed, and MRP. The table contains six rows of data for Vendor V04 and materials ZZ-T01 through ZZ-T06.

Vendor	Material	Gross Price	Fixed	MRP
V04	ZZ-T01	22.95	X	1
	ZZ-T02	72.07	X	1
	ZZ-T03	25.85	X	1
	ZZ-T04	82.68	X	1
	ZZ-T05	59.88	X	1
	ZZ-T06	43.15	X	1





Let's play round 2:  
**10 virtual days**