

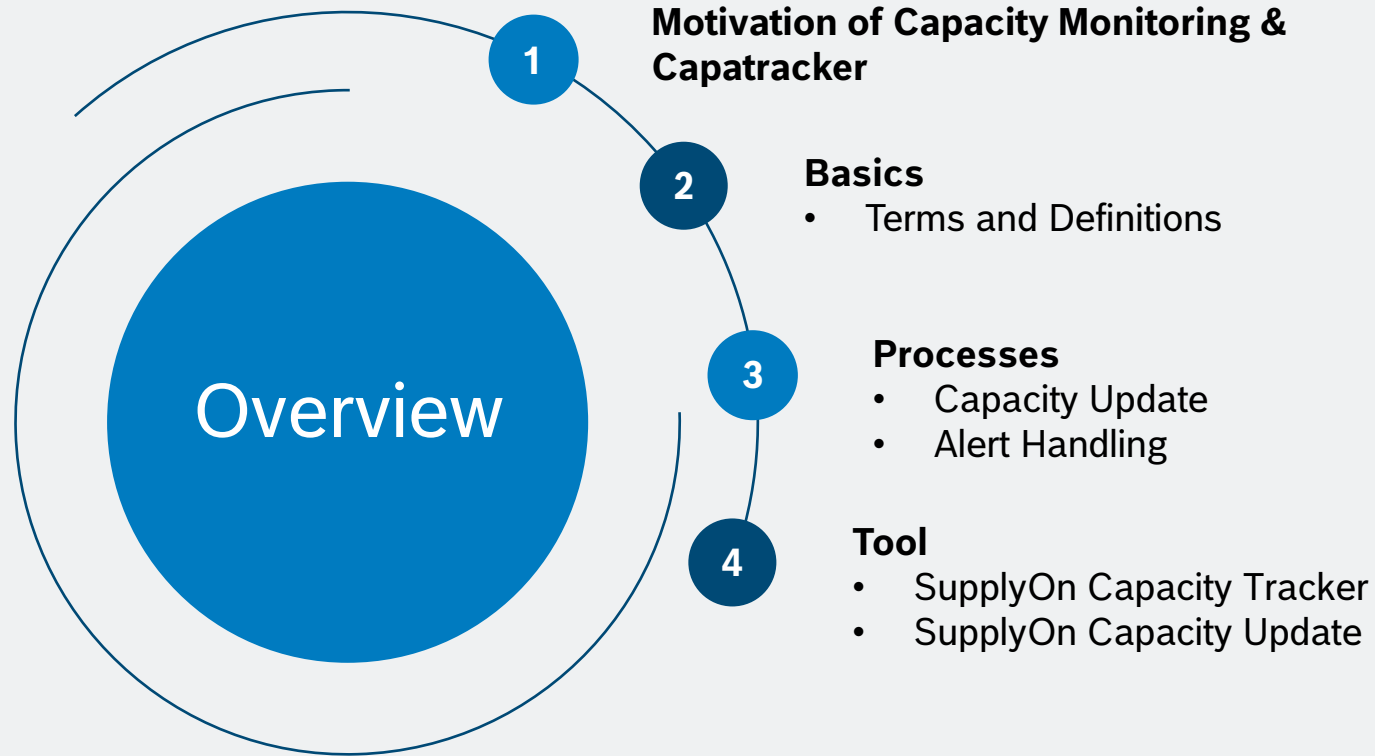


Capatracker

Capacity Monitoring for Bosch Mobility and its Suppliers

Capacity Monitoring for Bosch Mobility and its Suppliers

Overview



Capacity Monitoring for Bosch Mobility and its Suppliers

Motivation of Capacity Monitoring & Capatracker



Identifying Potential Bottlenecks



Increase collaboration between Supplier and Bosch



Low barriers due to easy-to-use interface



Use same database



Improving Cost Efficiency



Better Forecasting and Planning

Capacity Monitoring for Bosch Mobility and its Suppliers

Capacity Monitoring Basics

Tools at both SupplyOn & Bosch allow our Suppliers to compare the capacity of potential bottle neck resources against accumulated demands.

Tools used for Capacity monitoring:

- Pilum CPM (Bosch internal)
- Capatracker (RB-Supplier)

Bottleneck resources

- In General: Describes a manufacturing processes and/or tool that limits the production capacity (=Bottleneck resource).
- Affect one or more (different) parts, e.g. several parts can be produced within one bottleneck resource.
- In our Capacity monitoring tools, the capacity of a bottleneck resource will be maintained within a “Record”.

Accumulated demands

- Demands will be assigned to the referring material and it's maintained bottleneck resource
- Bosch provides the cumulative demand from our different plants over different parts using that resource

Alerts

- The tools compare the Bosch demands with the Suppliers capacity on a monthly basis
- Alerts are created, if the capacity is insufficient & notifications sent as an early warning

Capacity Monitoring for Bosch Mobility and its Suppliers

Capacity Update and Alert Process

Capacity Update

- In SupplyOn the supplier can directly view the accumulated demand situation and the maintained capacities
- Suppliers are asked to review & update the capacity situation every 6 month at minimum (for mid- and long-term purposes)
- Mid-term = min. 12 month; Long-term = 24 month
- Any change in the capacity can directly be edited in SupplyOn

Alert process

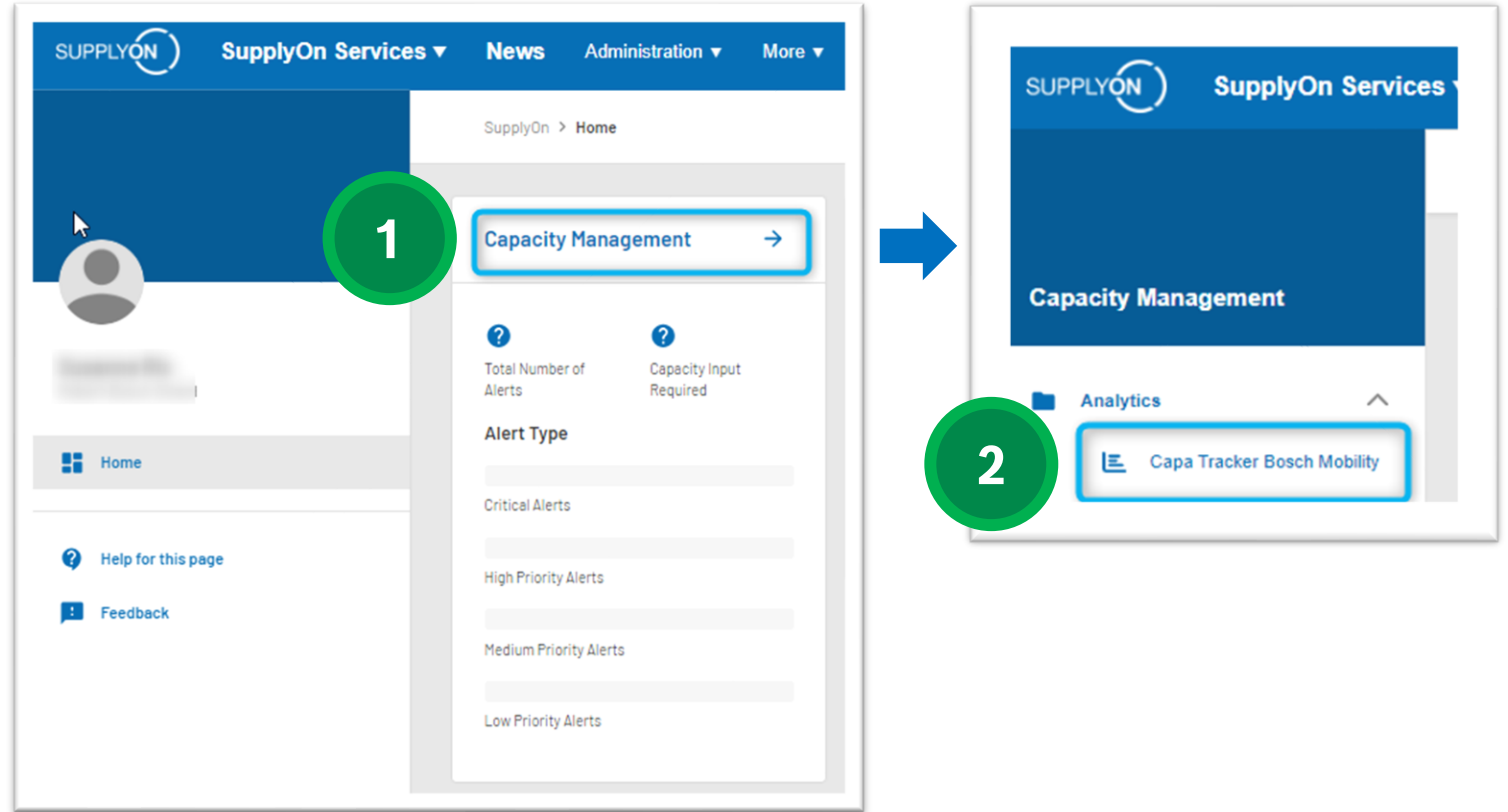
- An alert is **routed first to you as the Bosch supplier, who can best allocate your production capacities.**
- You will be informed of the corresponding alert via a SuPO email with a request to check the capacities
- If sufficient capacity for the Bosch demands exist, kindly update the values directly in an interactive mask on SupplyOn's Capatracker.
- If the necessary capacity cannot be provided (immediately visible in SupplyOn) kindly share details in the comments section and send the alert to Bosch for further action.
- The Alert will then be processed within RB-Logistics and RB-Purchasing.

Capacity Monitoring for Bosch Mobility and its Suppliers

SupplyOn Capa Tracker: Where to find?

Access to the Capacity Tracker via SupplyOn

- 1 Capacity Management
- 2 Capa Tracker Bosch Mobility

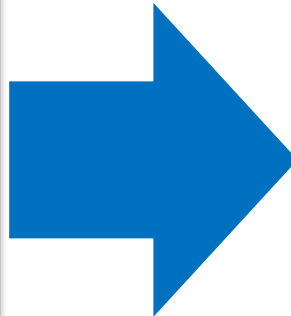
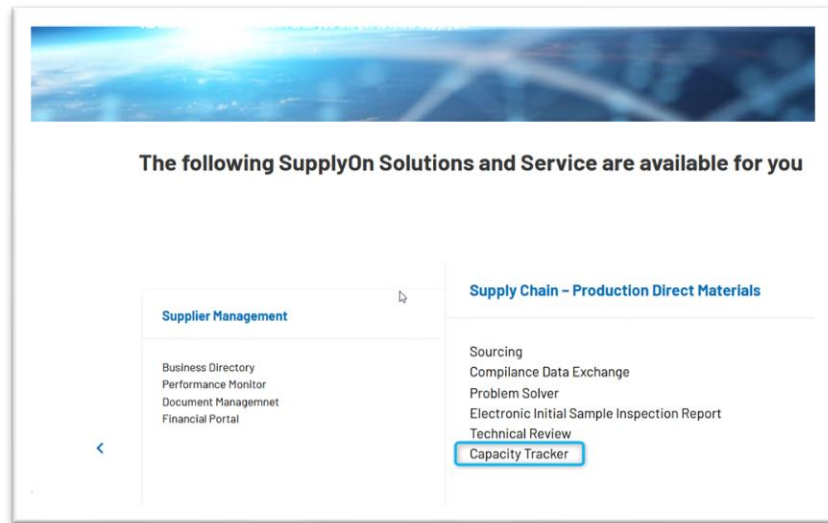


Capacity Monitoring for Bosch Mobility and its Suppliers

Capatracker: How to assign my roles

How to access SupplyOn and assign the necessary roles:

Please refer to the SupplyOn [Supplier Info Portal](#)



Capacity Tracker – Align capacity availability

The Capacity Tracker in the SupplyOn Capacity Management module provides you with the plant and consolidated Bosch demands as well as your supplier production capacities.

Using the Capacity Tracker, you can view and compare your production capacities with your customers' demands. This allows you to see directly whether your production capacities are sufficient for your customer's future demands. Additionally, the SupplyOn Capacity Tracker enables you to update your production capacity information and thus close the alert.

In order to use the SupplyOn Capacity Tracker, you need the 'Capacity Management Reader' role, you can find under 'Sales' role assignment. Your SupplyOn company administrator will be able to assign you this role.

Below you will find a detailed description of the role assignment and instructions on how to use the Capacity Tracker for Bosch.

Guides
[Capacity Tracker Role Assignment](#) | [Bosch Manual Capacity Tracker](#)

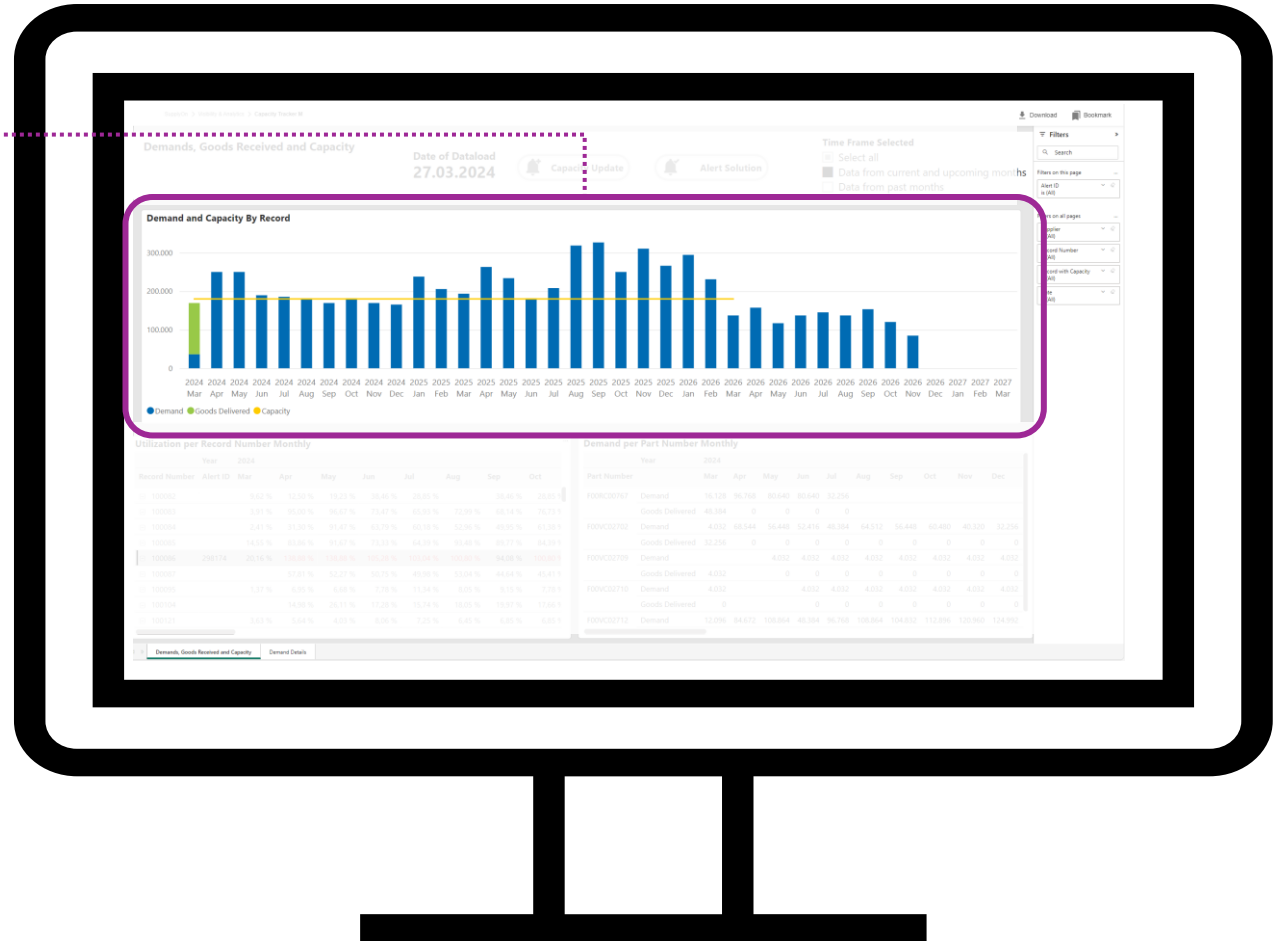
[Capacity Tracker Role Assignment](#) | [Bosch Manual Capacity Tracker](#)

Capacity Monitoring for Bosch Mobility and its Suppliers

Start Screen

■ Overview

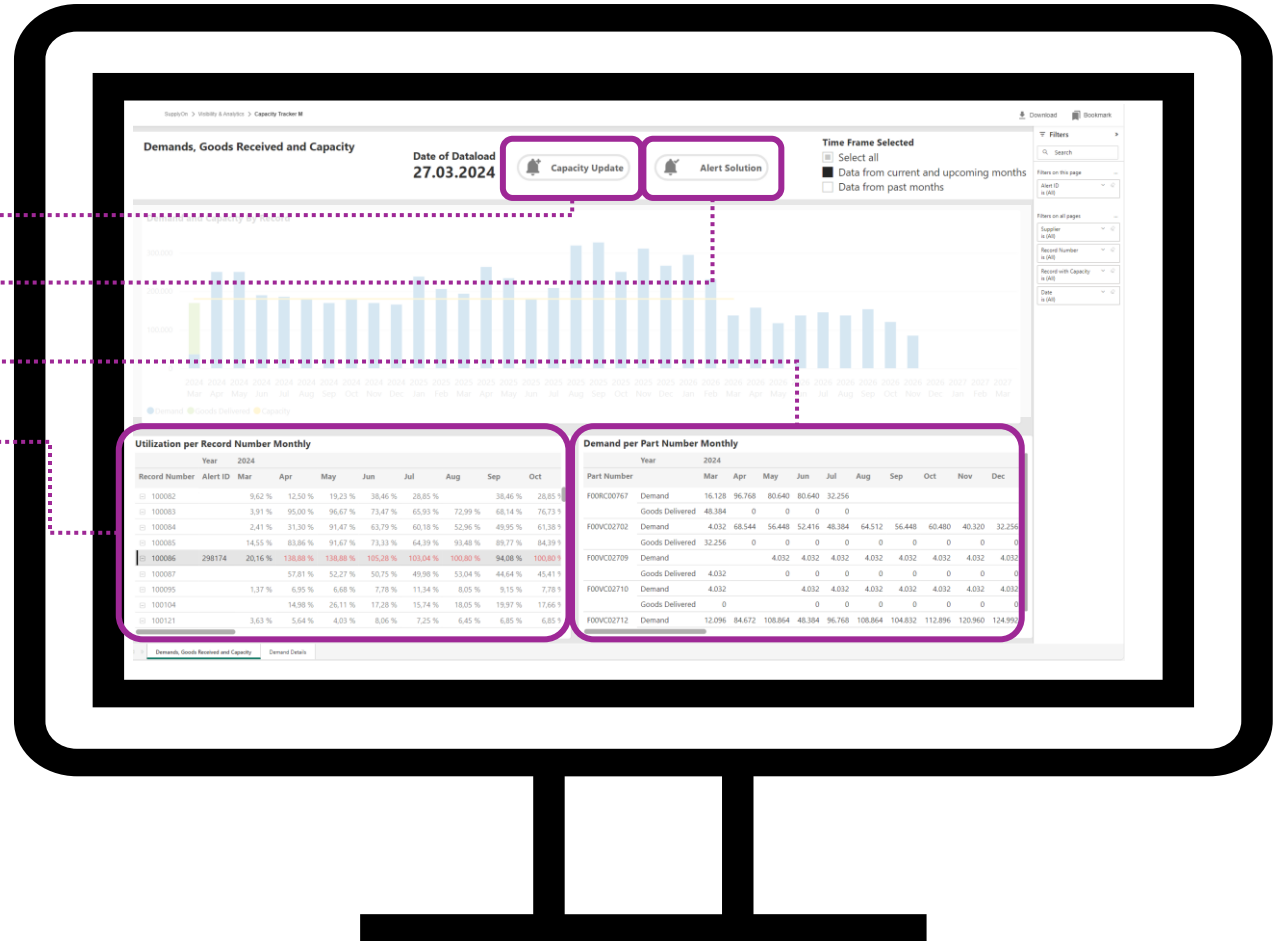
- Compares Demand vs. Capacity for a selected Record
- Visualizes if we have sufficient capacity for our demands



Capacity Monitoring for Bosch Mobility and its Suppliers

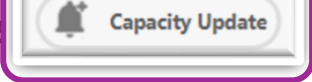
Update Capacities

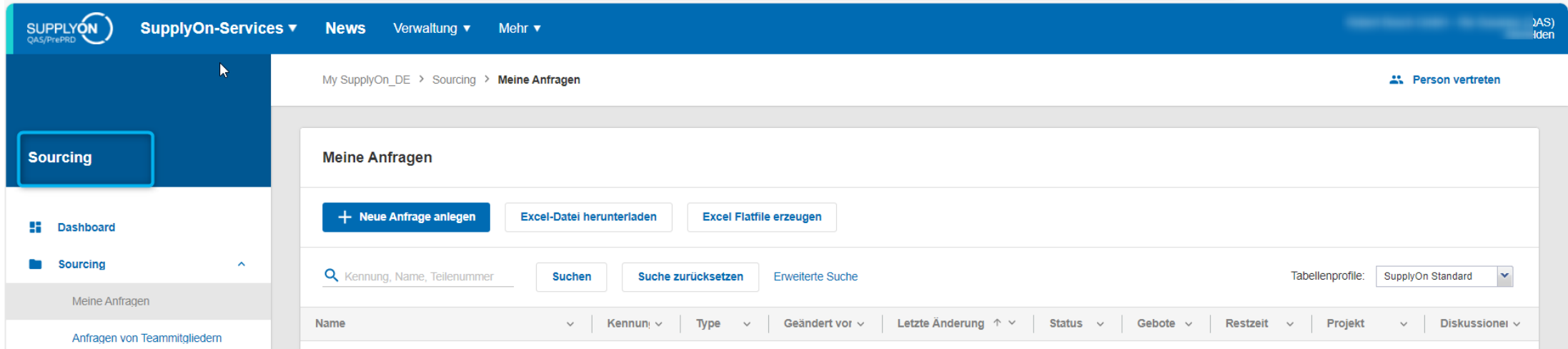
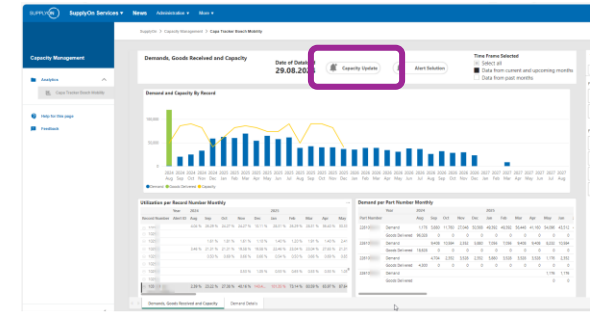
- Capacity Update
- Alert solution
- Demand per Part Number Monthly
- Utilization per Record Number Monthly



Capacity Monitoring with Our Suppliers

SupplyOn Capa Tracker: Update Capacities

- With the  Button you will be guided to SupplyOn Sourcing where an open RFI is waiting for your capacity updates
- This button can be used independent of an open alert or a capacity bottleneck situation



Capacity Monitoring for Bosch Mobility and its Suppliers

Alert Solution

Demands, Goods Received and Capacity

Date of Dataload: **21.06.2023**

Capacity Update

Alert Solution

Time Frame Selected

- Select all
- Data from current and upcoming months
- Data from Past Months

You must first select a Record Number from the table to see the results



Utilization per Record Number Monthly

Record Number	Alert ID	2023								2024
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
<input type="checkbox"/> 10	283807	12,03 %	12,56 %	12,60 %	12,60 %	12,60 %	12,60 %	12,60 %	12,60 %	12,60 %
<input type="checkbox"/> 100006		7,55 %	8,27 %	15,10 %	7,91 %	23,72 %	7,55 %	16,53 %		
<input type="checkbox"/> 100007		33,60 %	18,40 %	12,60 %	15,40 %	19,80 %	31,50 %	18,40 %		
<input type="checkbox"/> 100015		81,37 %	70,59 %	73,56 %	75,51 %	81,55 %	79,62 %	65,01 %		
<input type="checkbox"/> 100016		17,51 %	15,25 %	13,65 %	16,37 %	14,89 %	17,71 %	13,10 %		
<input type="checkbox"/> 100018		72,96 %	58,85 %	63,44 %	65,54 %	69,50 %	62,45 %	49,91 %		
<input type="checkbox"/> 100019		19,69 %	29,65 %	13,95 %	35,23 %	28,36 %	19,69 %	15,27 %		
<input type="checkbox"/> 100021		38,89 %	56,43 %	55,42 %	57,04 %	41,76 %	50,56 %	78,80 %		
<input type="checkbox"/> 100022		58,07 %	77,15 %	64,97 %	77,67 %	84,33 %	69,87 %	53,13 %		

Demand per Part Number Monthly

Part Number	Year	2023								2024			
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	A
002915001	Demand				20,000	40,000	20,000	30,000	10,000	20,000	20,000	20,000	2
	Goods Delivered				0	0	0	0	0	0	0	0	
0029158001U50	Demand			5,000			5,000		5,000				
	Goods Delivered			0			0		0				
0029340602	Demand			5,000	5,000	15,000	15,000	10,000	10,000	5,000	10,000	15,000	1
	Goods Delivered			0	0	0	0	0	0	0	0	0	
0029340602U50	Demand					1,000	1,000					1,000	
	Goods Delivered					0	0					0	
0029341408	Demand			8,000	15,000	10,000	16,000	8,400	2,400	8,400	9,000	8,400	

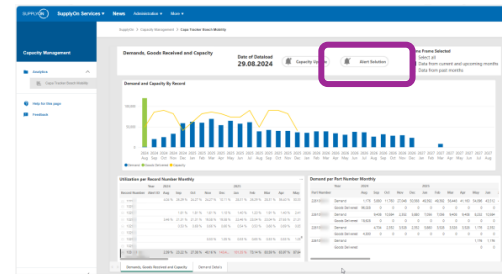
You can solve alerts by updating the capacity by clicking on "Alert Solution"


Note: you can only solve alerts if a AlertID is available



Capacity Monitoring for Bosch Mobility and its Suppliers

SupplyOn Capa Tracker: Alert Solution



- With the  Button you will be guided to an additional window where the status of demands and capacity is waiting for your verification and update, if there is more capacity
- Please be aware that here it is weekly values

Alert Solution

	Supplier Part Family	Buyer Part Family	Year	Week	Month	Demand	Capacity	Solution	Actual Capacity (weekly)	Valid from	Valid until	Comment
***	101	101	2024	35	9	6,750	6,169	<input checked="" type="radio"/>	—			
***	101	101	2024	40	10	9,000	6,169	<input type="radio"/>	—			
***	101	101	2024	44	11	9,000	6,169	<input type="radio"/>	—			
***	101	101	2024	48	12	9,000	6,169	<input type="radio"/>	—			
***	101	101	2025	1	1	9,000	6,169	<input type="radio"/>	—			
***	101	101	2025	5	2	11,250	6,169	<input type="radio"/>	—			
***	101	101	2025	9	3	6,750	6,169	<input type="radio"/>	—			
***	101	101	2025	14	4	15,750	6,169	<input type="radio"/>	—			
***	101	101	2025	22	6	11,250	6,169	<input type="radio"/>	—			
***	101	101	2025	27	7	9,000	6,169	<input type="radio"/>	—			
***	101	101	2025	31	8	9,000	6,169	<input type="radio"/>	—			
***	101	101	2025	40	10	9,000	6,169	<input type="radio"/>	—			
***	101	101	2025	44	11	6,750	6,169	<input type="radio"/>	—			
***	101	101	2026	1	1	6,750	6,169	<input type="radio"/>	—			
***	101	101	2026	6	2	6,750	6,169	<input type="radio"/>	—			

- To proceed with the capacity update for the alert solution please click on a solution button.

Capacity Monitoring for Bosch Mobility and its Suppliers

SupplyOn Capa Tracker: Alert Solution

Alert Solution

Supplier Part Family 101

Buyer Part Family 101

CW / Year 35 / 2024

Demand 6,750

Capacity 6,169

Actual Capacity (weekly) * 6,169.00

New Saldo -581.00

Valid from [calendar icon] Valid until [calendar icon]

Comment *

Please leave a comment

Cancel Save and close

Information about current Demand and Capacity per week

Update field for Capacity per week

Newly calculated saldo based on the capacity entered

Enter the validity time frame

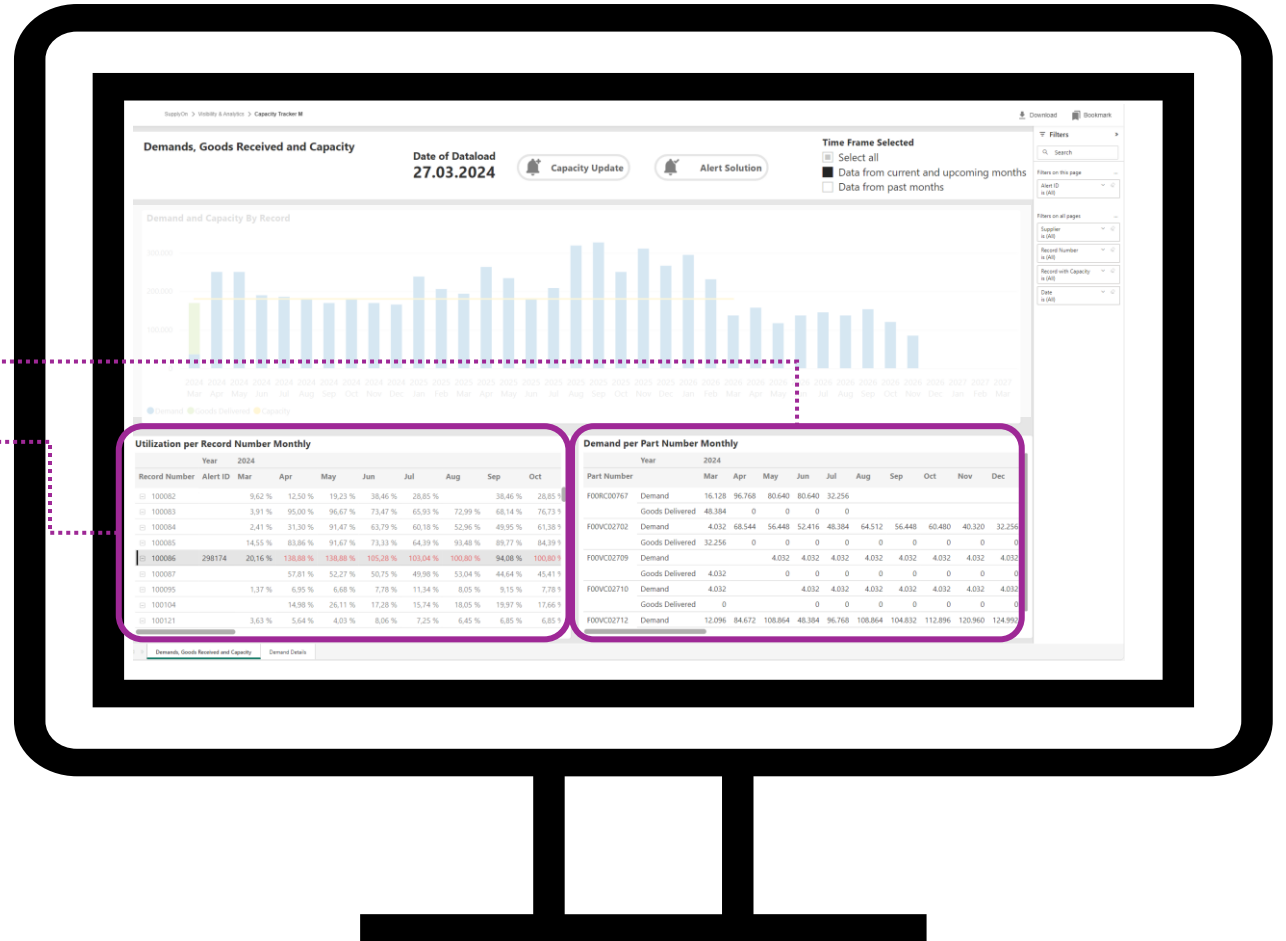
Please provide a comment, if the new saldo is still negative, a comment is mandatory

As soon as all necessary fields are filled, **Save and close** becomes "active" and the information gets transferred and will be visible in the dashboard after some minutes

Capacity Monitoring for Bosch Mobility and its Suppliers

Update Capacities

- There are two additional information concerning your Parts:
- Demand per Part Number Monthly
- Utilization per Record Number Monthly



Capacity Monitoring for Bosch Mobility and its Suppliers

Utilization

Utilization per Record Number Monthly

Year		2023										2024
Record Number	Alert ID	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan		
100006	283807			7,55 %	10,27 %	11,10 %	7,01 %	23,72 %	7,55 %	16,61 %	829,49 %	
100015				81,37 %	18,40 %	12,60 %	15,40 %	19,80 %	31,50 %	18,40 %		
100016				17,51 %	15,25 %	13,65 %	16,37 %	14,89 %	17,71 %	13,10 %		
100018				72,96 %	58,85 %	63,44 %	65,54 %	69,50 %	62,45 %	49,91 %		
100019				19,69 %	29,65 %	13,95 %	35,23 %	28,36 %	19,69 %	15,27 %		
100021				38,89 %	56,43 %	55,42 %	57,04 %	41,76 %	50,56 %	78,80 %		
100022				58,07 %	77,15 %	64,97 %	77,67 %	84,33 %	69,87 %	53,13 %		

Utilization above 100%
829,49 % of our Capacity is utilized
We have 729,49 % too much demands for our current capacity

Utilization below 100%
7,55% of our Capacity is utilized
92,45% of our Capacity is free

Alert ID
Identifies the Alert

CPM Record
Identifies the CPM Record with a Number

Capacity Monitoring for Bosch Mobility and its Suppliers

Demand per Part Number Monthly (up to 24 month)

Demand per Part Number Monthly													
		2023						2024					
Part Number		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	A
0029158001	Demand				20.000	40.000	20.000	30.000	10.000	20.000	20.000	20.000	2
	Goods Delivered				0	0	0	0	0	0	0	0	
0029158001U50	Demand			5.000			5.000		5.000				
	Goods Delivered			0			0		0				
0029340602	Demand			5.000	5.000	15.000	15.000	10.000	0.000	5.000	10.000	15.000	1
	Goods Delivered			0	0	0	0	0	0	0	0	0	
0029340602U50	Demand					1.000	1.000				1.000		
	Goods Delivered					0	0				0		
0029341408	Demand			8.000	15.000	10.000	16.000	8.400	2.400	8.400	9.000	8.400	

Part Number
Independent from Capacity Record

Demand
Forecast Quantity → Not yet delivered
Data is coming from Quantities database → SAP

Goods Delivered
Already delivered goods
Data is coming from Quantities database → SAP

