

Handout

Capacity Management



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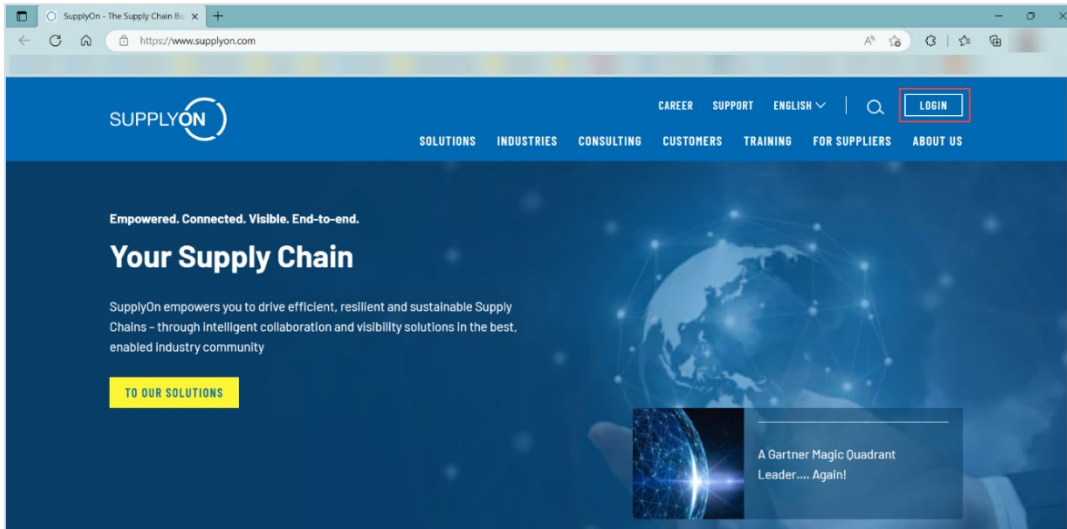
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1 How to access SupplyOn and the service Capacity Management

To work with SupplyOn, your company administrator must set up an account and an initial password for you. The administrator will assign you the appropriate roles ([see Chapter 5, Roles and permissions](#)).

Log in to SupplyOn.

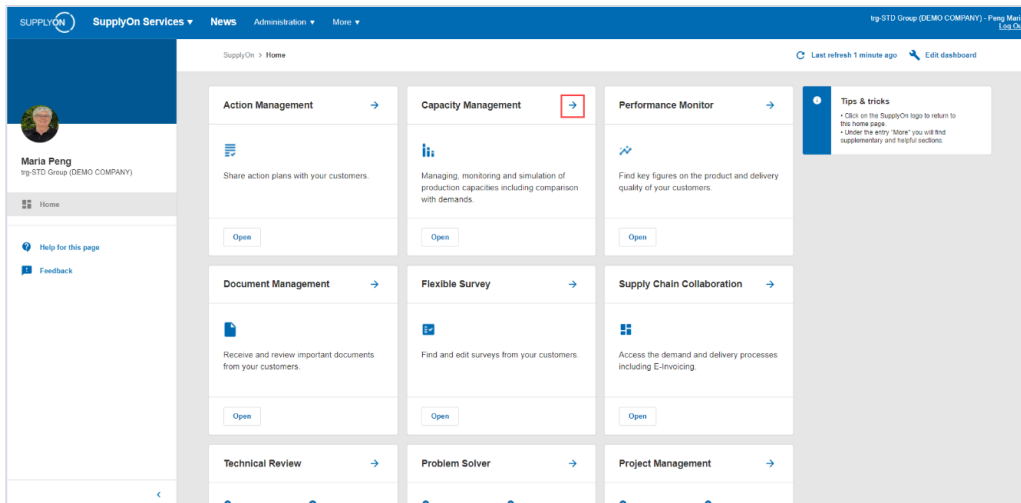
1. Open an internet browser, go to “https://www.supplyon.com” and click on “Login”.



2. Log in with your account credentials.
 - › Enter your User-ID.
 - › Enter your password.
 - › Click the button “Login”.

Depending on your roles, you may see different cards than shown in this screenshot.

3. Click on the tile **Capacity Management**.



2 How to enter and update capacity data

1. In the Navigation Bar on the left-hand side, click on “Capacity data”.

This is where you maintain your part numbers and capacities.

The screenshot shows the SupplyOn Capacity Management interface. The left navigation bar has 'Capacity data' highlighted with a red box. The main content area displays a table of part details with columns for Customer name, Customer part number, Customer part family, Supplier name, Supplier part number, Supplier part family, and Latest update. The table contains six rows of data for various parts from B. Fischer AG.

	Customer name	Customer part number	Customer part family	Supplier name	Supplier part number	Supplier part family	Latest update
<input type="checkbox"/>	B. Fischer AG	993746		trg-STD Group (D...		Assembly Plastics Parts	11/22/2022 - 09:57
<input type="checkbox"/>	B. Fischer AG	Brake_SRKG...		trg-STD Group (D...		Brake Assemblies	11/04/2022 - 11:09
<input type="checkbox"/>	B. Fischer AG	Karosserie...		trg-STD Group (D...		Body Parts Steel AB2	
<input type="checkbox"/>	B. Fischer AG	Chassis_SR...		trg-STD Group (D...		Body Parts Steel AB2	
<input type="checkbox"/>	B. Fischer AG	Hood_SRKG...		trg-STD Group (D...		Main Assemblies	
<input type="checkbox"/>	B. Fischer AG	Roof_SRKG...		trg-STD Group (D...		Body Parts Steel AB2	

2. Click on Add part details.

The screenshot shows the same SupplyOn Capacity Management interface, but now the 'Add part details' button in the top left of the main content area is highlighted with a red box. The table of part details remains visible below.

A new pop-up window will appear with the part details.

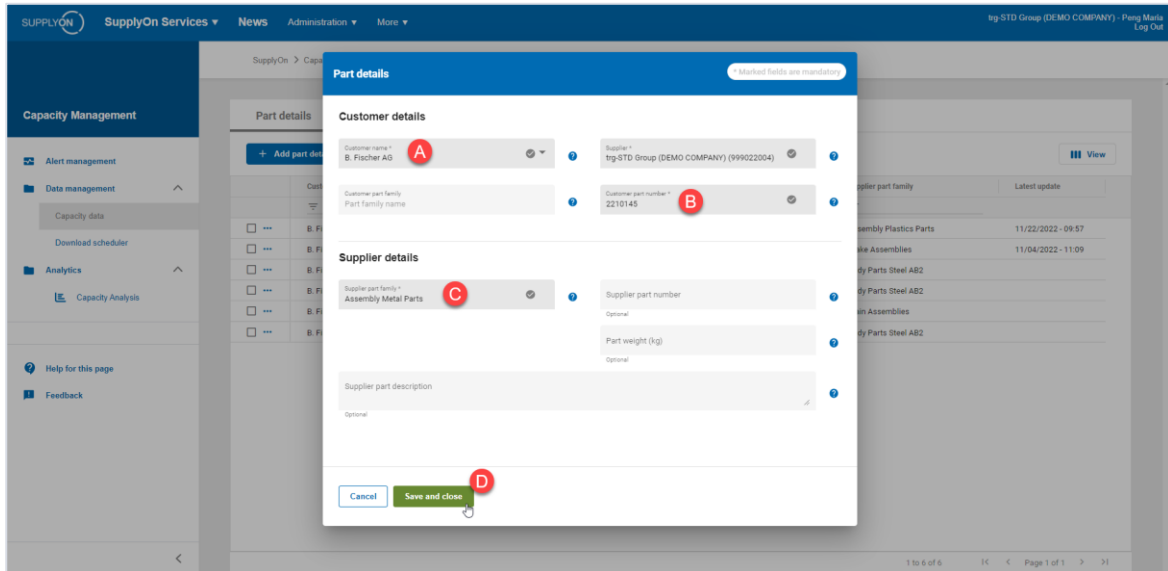
Fill-out the mandatory fields marked with a “*”.

- A. Make sure the appropriate customer is selected.
- B. Enter the part number of your customer for which you want to record part families (and production details).

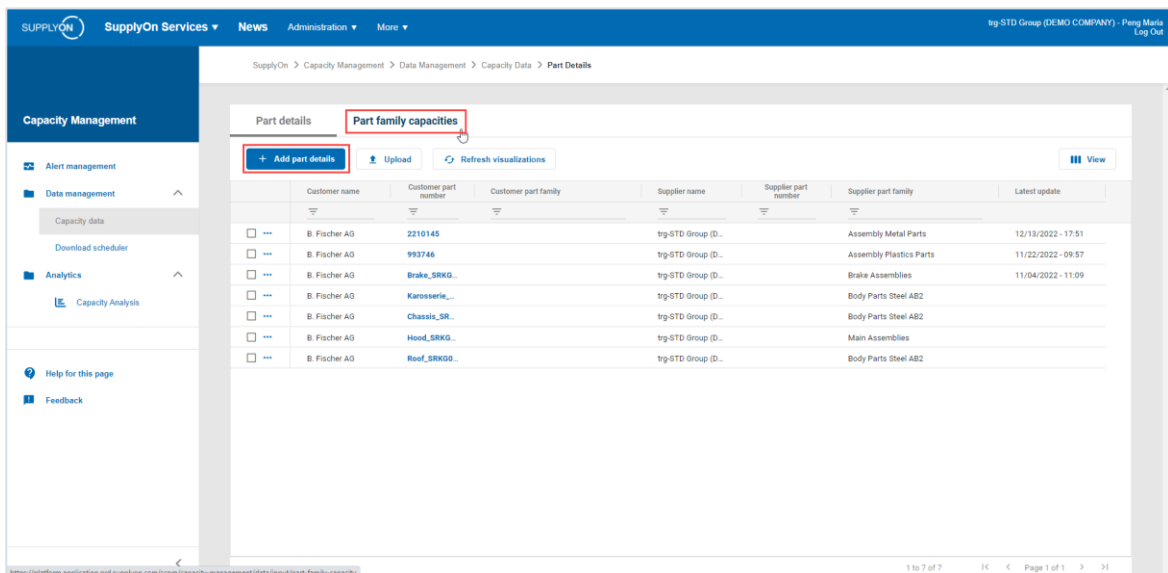
C. Assign the part to a Supplier part family.

Note: A Supplier part family groups parts together in a way that allows you to specify capacity. Usually, a part family is defined by a common bottleneck process (e.g. machine, fixture, inspection, etc.).

D. Click on “Save and close”.



3. Now you can enter the capacity for the new part family you've just created. For this, click “Part family capacities” and “Add capacity”.



4. Fill-out the mandatory fields marked with a “*”.

- A. Select the Supplier part family you've created by clicking on the drop-down menu.
- B. Enter your weekly capacity data for the part family.

- C. Insert the unit of measurement. Even if this field is not mandatory your customer needs the UOM.

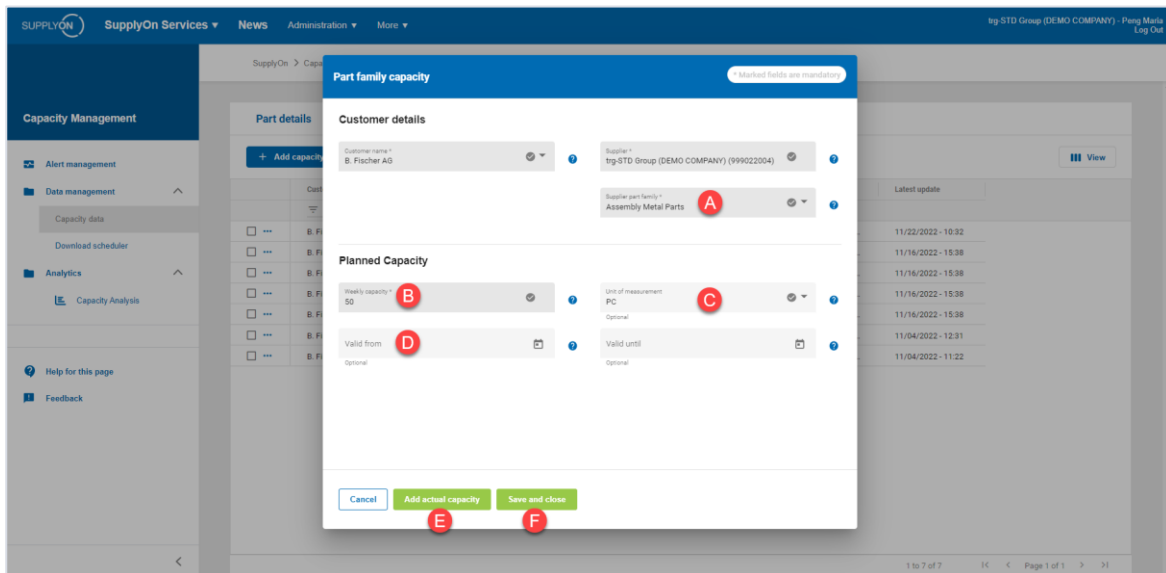
Note: If nothing is select for the optional field “unit of measurement”, the quantity assumed will be PC=pieces.

- D. Define a period of validity for the weekly capacity (optional).

Note: The period will automatically apply for the next two years.

- E. You have the possibility to enter exceptions and to limit their duration. For example, the entry of a lower capacity if fewer shifts were to be run during the holiday period.

- F. Click on “Save and close”.



Note: the standard capacity is displayed in the overview.

- You can update the data for production capacities quarterly or in the event of special occurrences/deviations.

The screenshot displays the 'Part family capacities' section of the SupplyOn system. The interface includes a navigation menu on the left with options like 'Alert management', 'Data management', and 'Analytics'. The main content area shows a table with columns for Customer name, Supplier name, Supplier part family, Weekly capacity, Valid from, Valid until, and Latest update. A red box highlights the 'Edit' button for the last row in the table.

	Customer name	Supplier name	Supplier part family	Weekly capacity	Valid from	Valid until	Latest update
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Assembly Metal Parts	50	12/13/20...	12/13/2022 - 16:12	
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Assembly Plastics Parts	200	11/22/20...	11/21/20...	11/22/2022 - 10:32
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Inlet	400	11/16/20...	11/15/20...	11/16/2022 - 15:38
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Brake Assemblies	125	11/16/20...	11/15/20...	11/16/2022 - 15:38
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Outlet	500	11/16/20...	11/15/20...	11/16/2022 - 15:38
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Body Parts Steel AB2	200	11/16/20...	11/15/20...	11/16/2022 - 15:38
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Brake Assemblies	125	11/04/20...	11/03/20...	11/04/2022 - 12:31
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Body Parts Steel AB2	200	11/04/20...	11/03/20...	11/04/2022 - 11:22

3 How to upload multiple capacity data

If you do not want to manually create your capacity data, you have the possibility to upload a great amount of data at once.

1. Click in the “Capacity data” menu, the tab “Part details”.

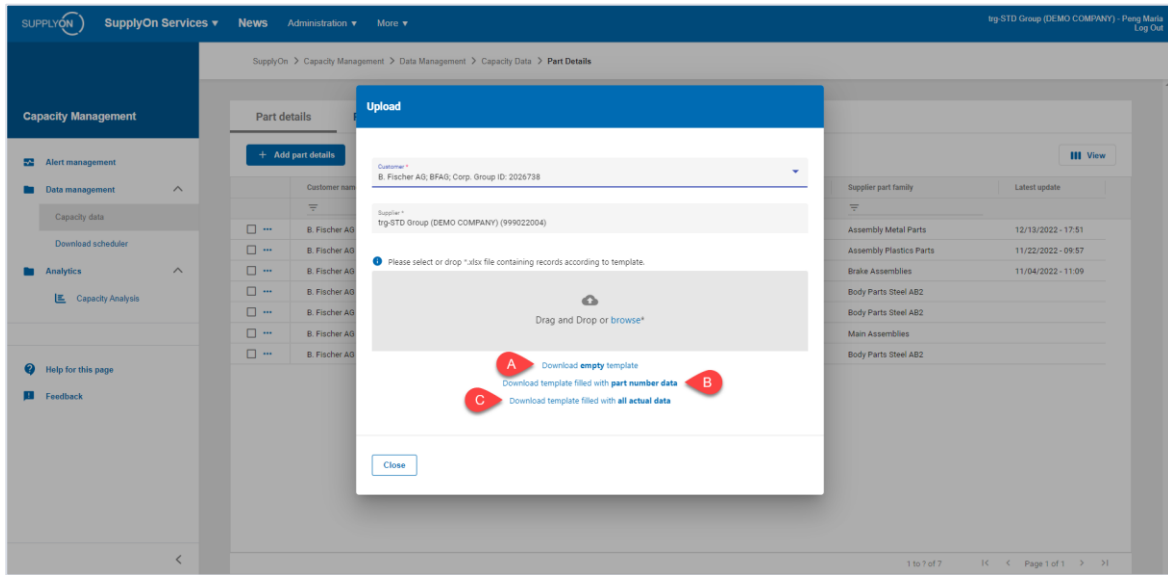
The screenshot shows the SupplyOn Capacity Management interface. The left sidebar has a 'Capacity data' menu item highlighted with a red box. The main content area has a 'Part details' tab selected, also highlighted with a red box. Below the tabs are buttons for '+ Add part details', 'Upload', and 'Refresh visualizations'. A table displays capacity data for various parts.

	Customer name	Customer part number	Customer part family	Supplier name	Supplier part number	Supplier part family	Latest update
<input type="checkbox"/>	B. Fischer AG	2210145		trg-STD Group (D...		Assembly Metal Parts	12/13/2022 - 17:51
<input type="checkbox"/>	B. Fischer AG	993746		trg-STD Group (D...		Assembly Plastics Parts	11/22/2022 - 09:57
<input type="checkbox"/>	B. Fischer AG	Brake_SRKG...		trg-STD Group (D...		Brake Assemblies	11/04/2022 - 11:09
<input type="checkbox"/>	B. Fischer AG	Karosserie_...		trg-STD Group (D...		Body Parts Steel AB2	
<input type="checkbox"/>	B. Fischer AG	Chassis_SR...		trg-STD Group (D...		Body Parts Steel AB2	
<input type="checkbox"/>	B. Fischer AG	Hood_SRKG...		trg-STD Group (D...		Main Assemblies	
<input type="checkbox"/>	B. Fischer AG	Roof_SRKGG...		trg-STD Group (D...		Body Parts Steel AB2	

2. Click on “Upload”.

The screenshot shows the same SupplyOn Capacity Management interface as the previous one, but with the 'Upload' button highlighted by a red box and a mouse cursor pointing to it. The 'Part details' tab remains selected.

3. There are three different templates available.



A. The 'empty' template does not show any data already entered.

1	Buyer Part Number	Supplier Part Family	Buyer Part Family	Supplier Part Number	Supplier Part Description	Part Weight	Cycle Time	Cycle Time Unit	Produced Pieces Per Cycle	mandatory part family assignment data	optional detailed data	optional product
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
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B. In the 'part number/part family data' template, part numbers from demand data are shown. New parts can be added and assigned to part families.

1	Buyer Part Number	Supplier Part Family	Buyer Part Family	Supplier Part Number	Supplier Part Description	Part Weight	Cycle Time	Cycle Time Unit	Produced Pieces Per Cycle	mandatory part family assignment data	optional detailed data	optional product
2	2210145											
3	REF22100078											
4	Roof_SRKG001			Roof_SRKG001								
5	993745											
6	Brake_SRKG001											
7	Karosserie_SRKG001											
8	545828			545828								
9	Wood_WSTRW20014											
10	Hood_SRKG001			Hood_SRKG001								
11	993745			993745								
12	REF22145712											
13	Chassis_SRKG001			Chassis_SRKG001								
14	990128			990128								
15												
16												
17												
18												
19												
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- C. The 'all actual data' template provides an overview of all entered values. You can adjust here.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Buyer Part Number	Supplier Part Family	Buyer Part Family	Supplier Part Number	Supplier Part Description	Part Weight	Cycle Time	Cycle Time Unit	Produced Pieces Per Cycle			- mandatory part family assignment data		- optional detailed data		- optional production
2	Wood_WSTRW20014	Outlet														
3	REF22145712	Inlet														
4	REF22100078	Outlet														
5	S210145	Assembly Metal Parts														
6	593746	Assembly Plastics Parts														
7	Brake_SRKG001	Brake Assemblies														
8	Karosserie_SRKG001	Body Parts Steel AB2			Karosserie											
9	Hood_SRKG001	Main Assemblies			Hood											
10	Chassis_SRKG001	Body Parts Steel AB2			Chassis											
11	Roof_SRKG001	Body Parts Steel AB2			Roof											
12	545828		545828													
13	593745		593745													
14	890128		890128													
15																
16																
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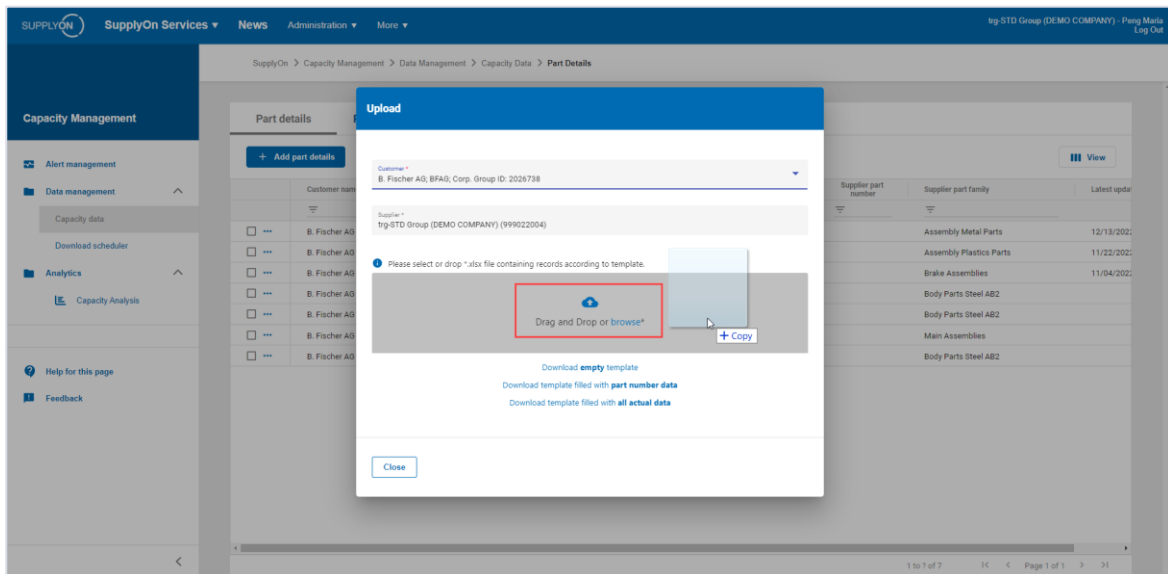
4. Once you have downloaded a template, open it and fill-out the mandatory fields marked in blue.

Note: click on the individual header cell to see additional descriptions.

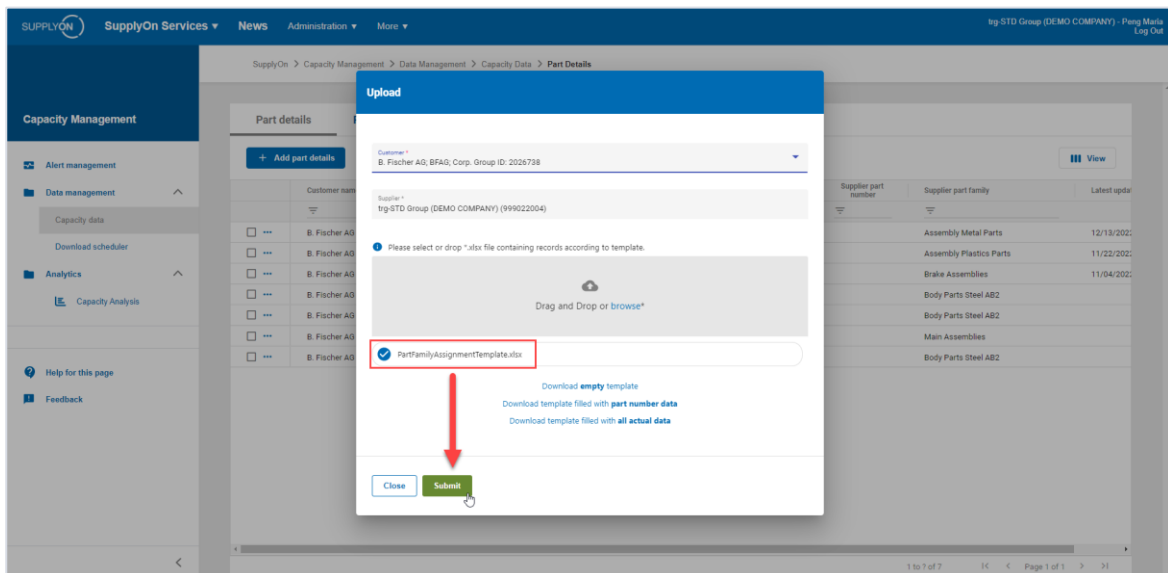
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Buyer Part Number	Supplier Part Family	Buyer Part Family	Supplier Part Number	Supplier Part Description	Part Weight	Cycle Time	Cycle Time Unit	Produced Pieces Per Cycle			- mandatory part family assignment data		- optional detailed c
2	Wood_WSTRW20014	Outlet												
3	REF22145712	Inlet												
4	REF22100078	Outlet												
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5. Save your file in a .xlsx format.

6. Drop the saved file or use the browse function to upload your data.



7. The successfully imported file will appear and you can click on "Submit".



- Now you can upload the capacity data for each part family. Go in "Part family capacities" and click on "Upload".

The screenshot shows the SupplyOn Capacity Management interface. The breadcrumb trail is: SupplyOn > Capacity Management > Data Management > Capacity Data > Part Family Capacities. The main content area is titled 'Part details' and 'Part family capacities'. It features a table with columns: Customer name, Supplier name, Supplier part family, Weekly capacity, Valid from, Valid until, and Latest update. The 'Upload' button is highlighted with a red circle. The table contains 8 rows of data.

	Customer name	Supplier name	Supplier part family	Weekly capacity	Valid from	Valid until	Latest update
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Assembly Metal Parts	50	12/13/20...	12/13/2022 - 16:12	
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Assembly Plastics Parts	200	11/22/20...	11/22/2022 - 10:32	
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Inlet	400	11/16/20...	11/15/2022 - 15:38	
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Brake Assemblies	125	11/16/20...	11/15/2022 - 15:38	
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Outlet	500	11/16/20...	11/15/2022 - 15:38	
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Body Parts Steel AB2	200	11/16/20...	11/15/2022 - 15:38	
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Brake Assemblies	125	11/04/20...	11/04/2022 - 12:31	
<input type="checkbox"/>	B. Fischer AG	trg-STD Group (D...	Body Parts Steel AB2	200	11/04/20...	11/04/2022 - 11:22	

9. Download the 'part number/part family data' template, open it and fill-out the mandatory fields marked in blue.

Note: click on individual header cell to see additional description.

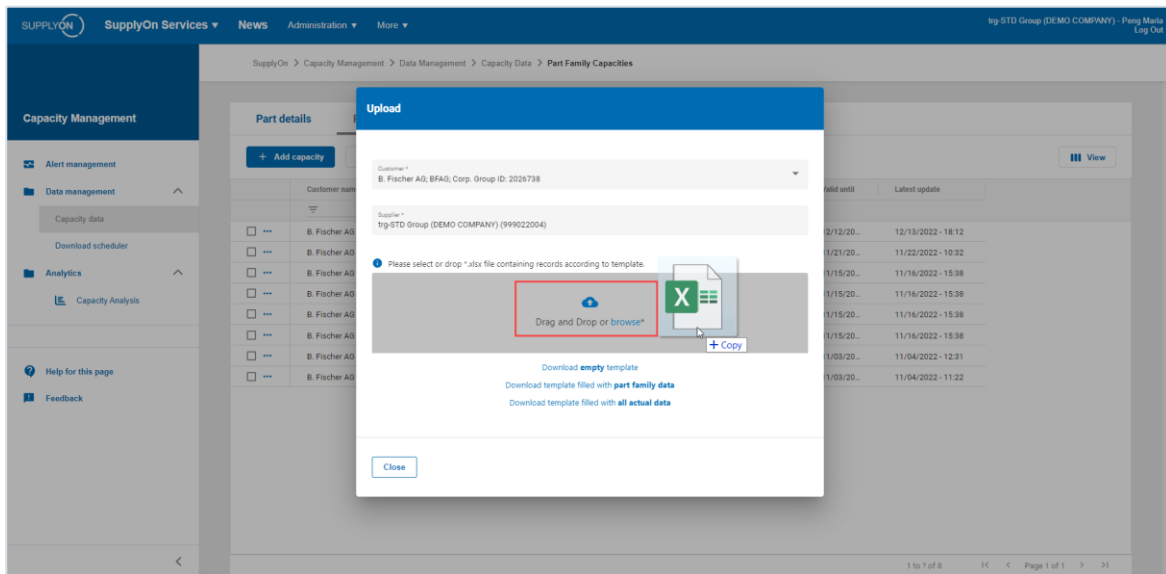
- A. Insert the Supplier part family you've created.
- B. Enter your weekly capacity data for the part family.
- C. Insert the unit of measurement. Even if this field is not mandatory your customer needs the UOM.

Note: If nothing is select for the optional field "unit of measurement", the quantity assumed will be PC=pieces.

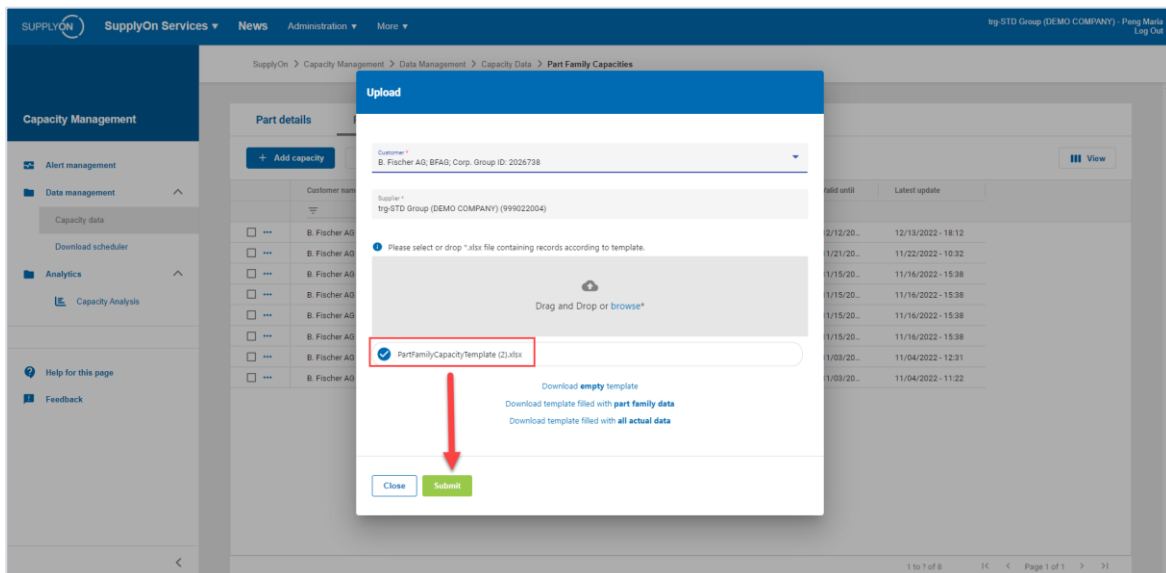
1	Supplier Part Family	Part Family Capacity Weekly	Capacity Type	UoM	Valid From	Valid Until	Bottleneck Reason	Comment	mandatory part family capacity data	optional detailed data
2	Inlet	500		PC						
3	Outlet	150		PC						
4										
5										
6										
7										
8										
9										
10										
11										
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10. Save your file in a .xlsx format.

11. Drop the saved file or use the browse function to upload your data.



12. The successfully imported file will appear and you can click on "Submit".



Note: We recommend that you update the production capacity data on a quarterly basis or when special events/deviations occur. It is best to use the 'all actual data' template for this.

4 How to work with the Capacity Tracker

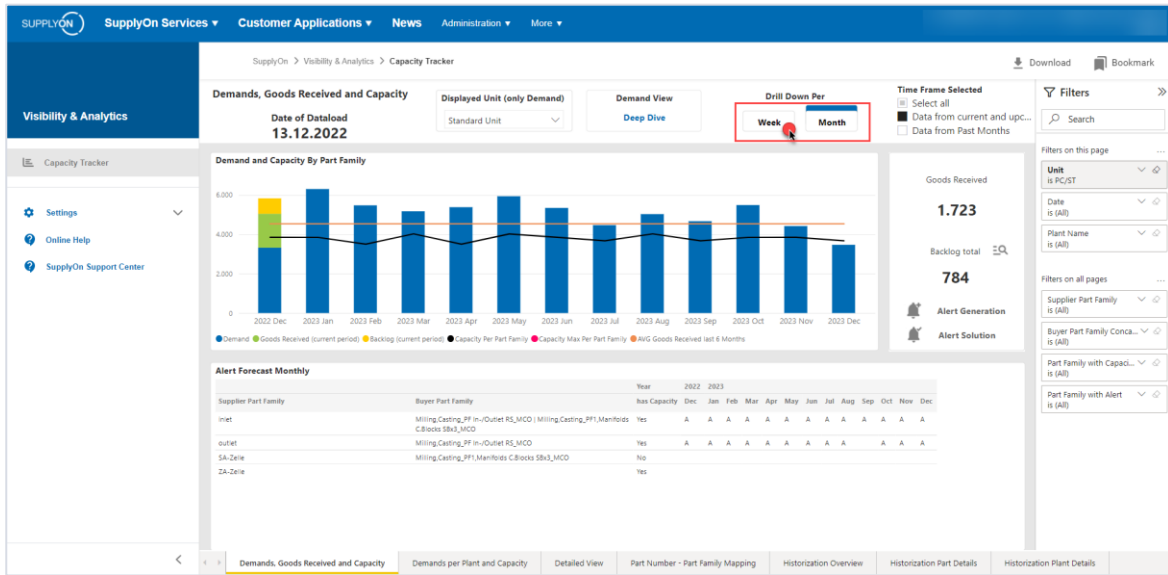
1. Access the Capacity Tracker by clicking on “SupplyOn Services”, “Visibility & Analytics”.

The screenshot shows the SupplyOn interface. The top navigation bar includes 'SUPPLYON', 'SupplyOn Services', 'Customer Applications', 'News', 'Administration', and 'More'. A dropdown menu for 'SupplyOn Services' is open, highlighting 'Visibility & Analytics'. The main dashboard area is titled 'Demands, Goods Received and Capacity' with a 'Date of Data Load' of 13.12.2022. It features a bar chart for 'Demand and Capacity By Part Family' from Dec 2022 to Dec 2023, with a legend for Demand, Goods Received, Backlog, Capacity Per Part Family, Capacity Max Per Part Family, and AVG Goods Received last 6 Months. A table below shows an 'Alert Forecast Monthly' with columns for Supplier Part Family, Buyer Part Family, and months from Dec 2022 to Dec 2023. The right sidebar shows 'Goods Received' (1.723) and 'Backlog total' (784).

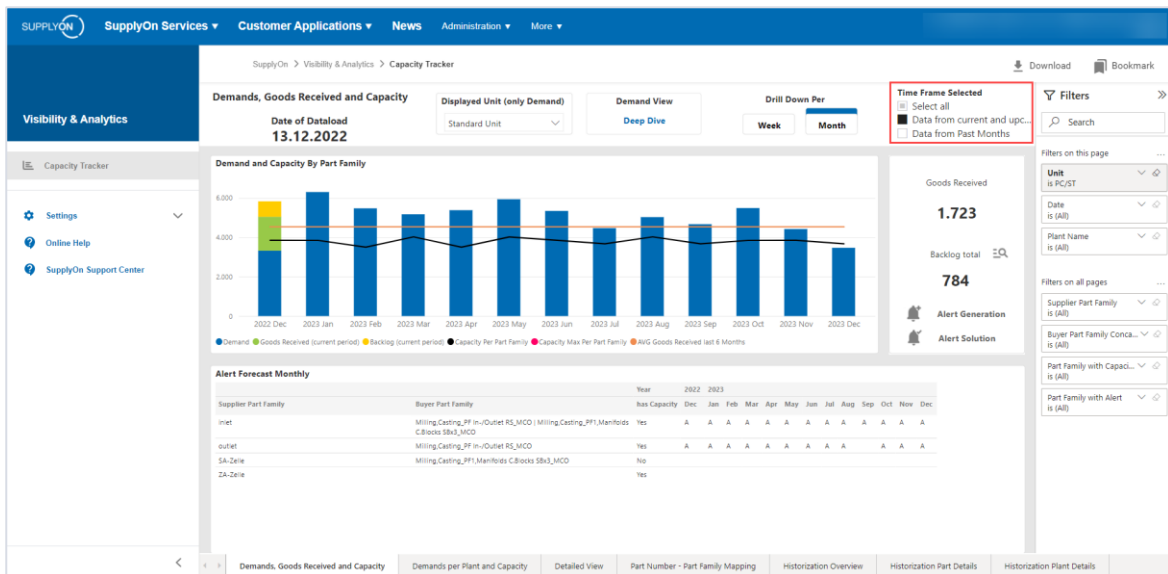
2. In the Dashboard “Demands, Goods Received and Capacity”, you can compare the demands of your customer and your production capacities.

This screenshot is identical to the one above, but with a red box highlighting the 'Demands, Goods Received and Capacity' section in the breadcrumb navigation at the bottom of the dashboard.

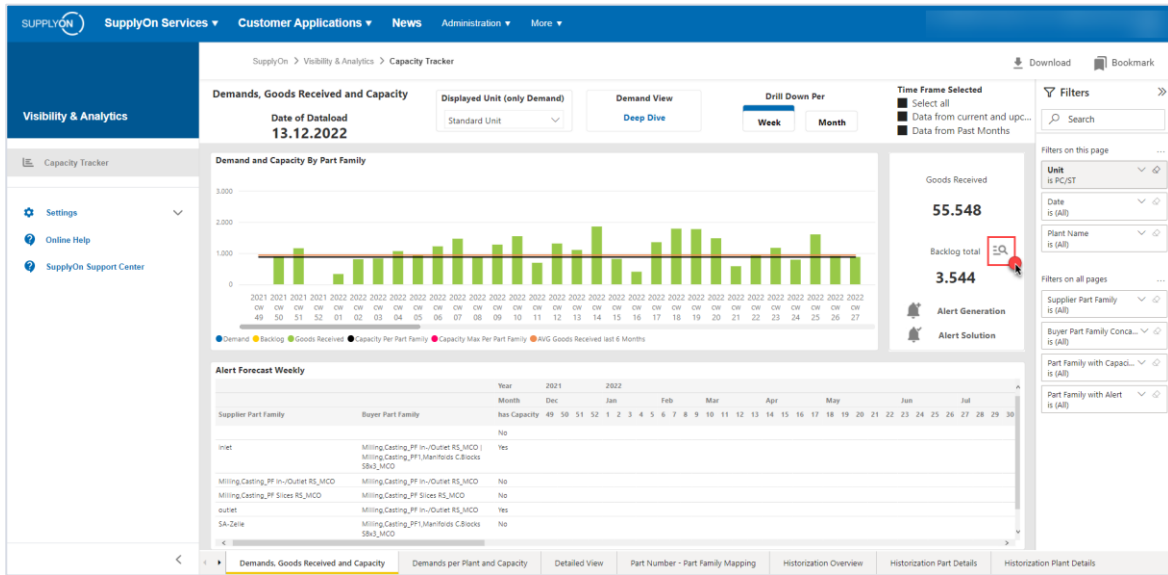
You can drill down the overview per “Month” or per “Week”.



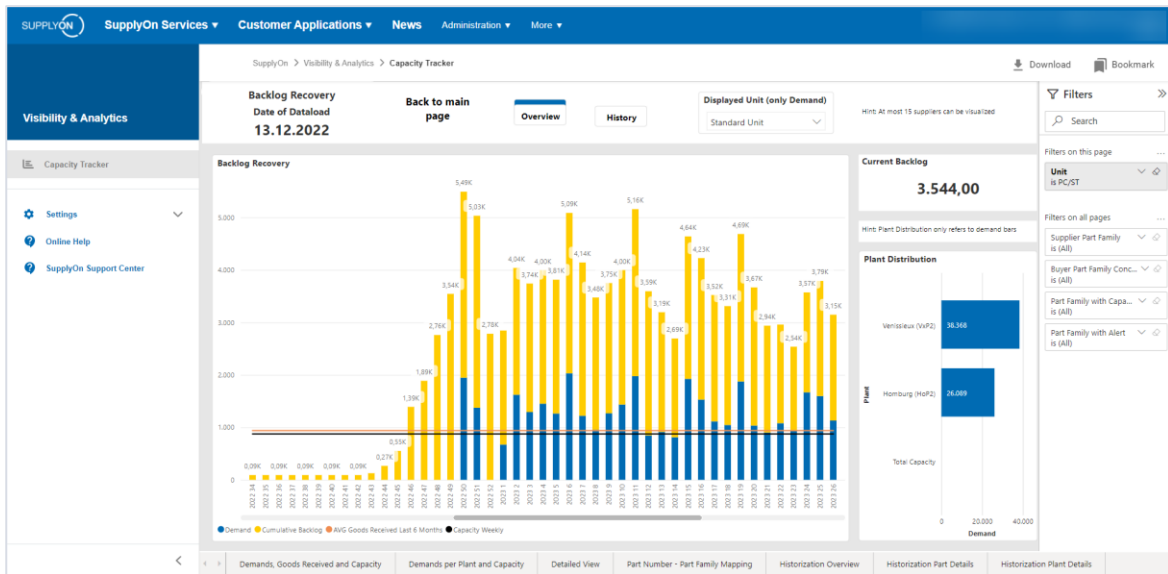
You can view past and future demands. Select the relevant period in filtering function of the “Time Frame Selected” box.



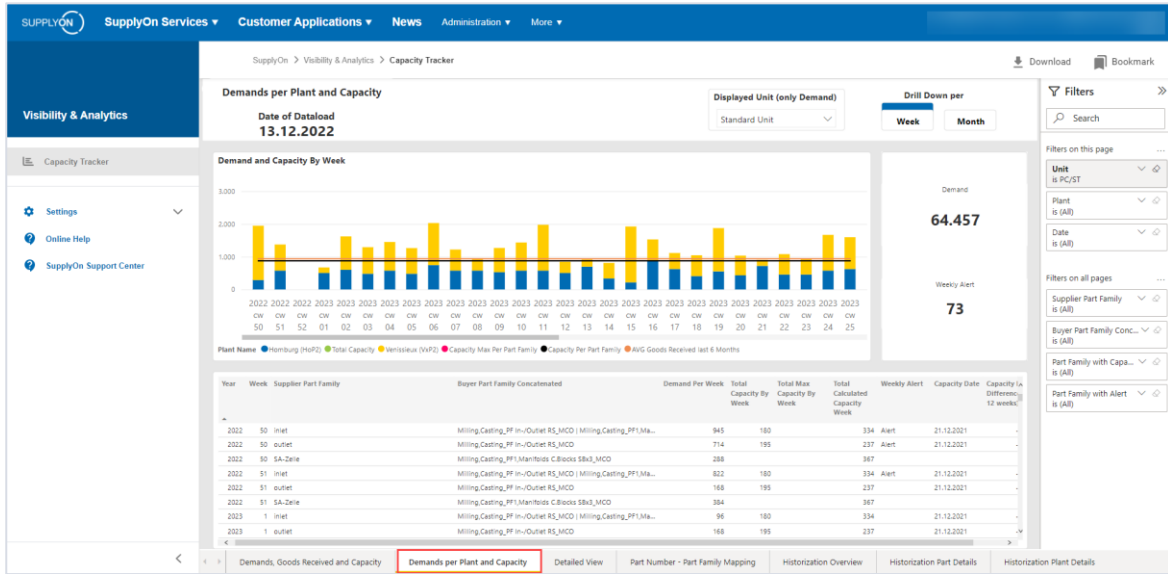
You can have a look at the Backlog in detail by clicking on the magnifying glass.



The Backlog Detail gives you a cumulative view of a possible backlog and should help you to plan its reduction.

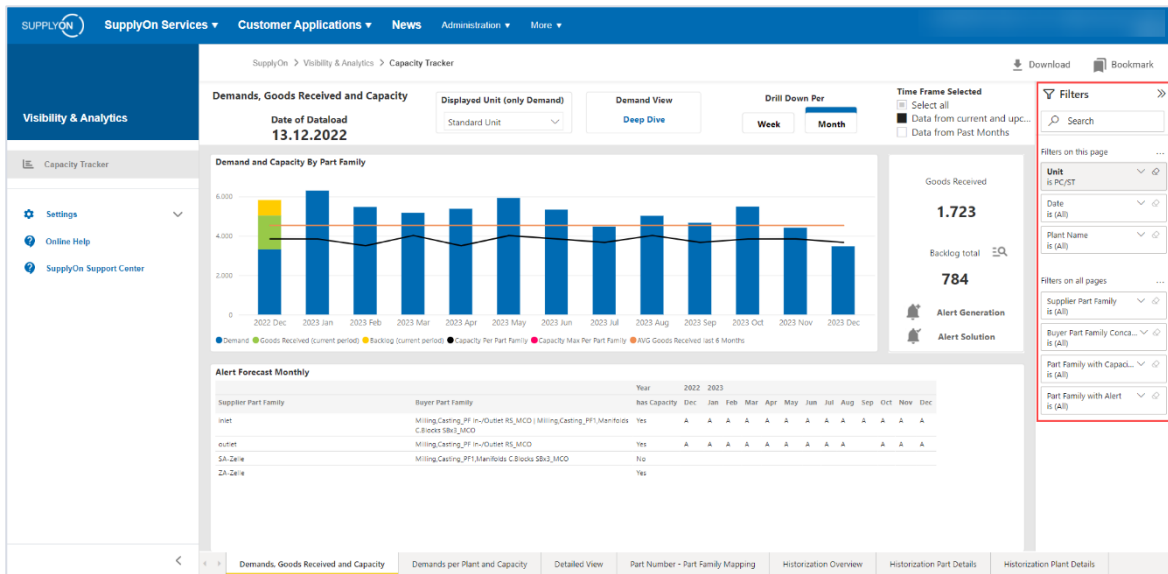


- In the Dashboard “Demands per Plant and Capacity”, you can see your capacity and the requirements per customer plant.



- In the Tab “Detailed View”, you can view all your data in details.

Note: You can use the filters on the right-hand side to narrow down the data to be displayed.



5 Roles and permissions

The SupplyOn Company Administrator is authorized to create new users or assign roles to existing users.

The following area of responsibility is required for the use of the Capacity Management process: **Sales**. The specific role for accessing Capacity Management is called **P2S Capacity**

<input type="checkbox"/>	Company Administration (assigned): Company master data, users and permissions.	Expand
<input type="checkbox"/>	Order Fulfillment, Finance Processes (assigned): Supply Chain Management.	Expand
<input type="checkbox"/>	Quality Management (assigned): Supplier Quality Management (QM).	Expand
<input checked="" type="checkbox"/>	Sales (assigned): Sourcing to Contract, Progress to Order and Supplier Management.	Expand
<input type="checkbox"/>	Shipping, Goods Receipts, Warehouse Management (assigned): Shipping, goods receipts, warehouse management.	Expand
<input type="checkbox"/>	Supply Chain Administration (assigned): Demand, logistics and finance processes.	Expand
Other Roles		Expand

Areas of responsibility			
	Name ↑	Description	More information
<input type="checkbox"/>	Company Administration	Company master data, users a...	More information
<input type="checkbox"/>	Order Fulfillment, Finance Pro...	Supply Chain Management.	More information
<input type="checkbox"/>	Quality Management	Supplier Quality Management ...	More information
<input checked="" type="checkbox"/>	Sales	Sourcing to Contract, Progress...	More information
<input type="checkbox"/>	Shipping, Goods Receipts, Wa...	Shipping, goods receipts, ware...	More information
<input type="checkbox"/>	Supply Chain Administration	Demand, logistics and finance ...	More information