

PPM-Multiprojektplanung (Rollen) (EN)



www.milliarum.de

Revision 28.02.2024

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Requirements

PPM-Multi-Project planning

This App runs on systems with at least SAP Portfolio and Project Management 6.1 (PPM 6.1) or SAP Portfolio and Project Management 1.0 for S/4 HANA (EPPM 1.0). Created projects have a requirements distribution and manual maintenance option for role requirements. Role requirements are not determined automatically from the defined tasks.

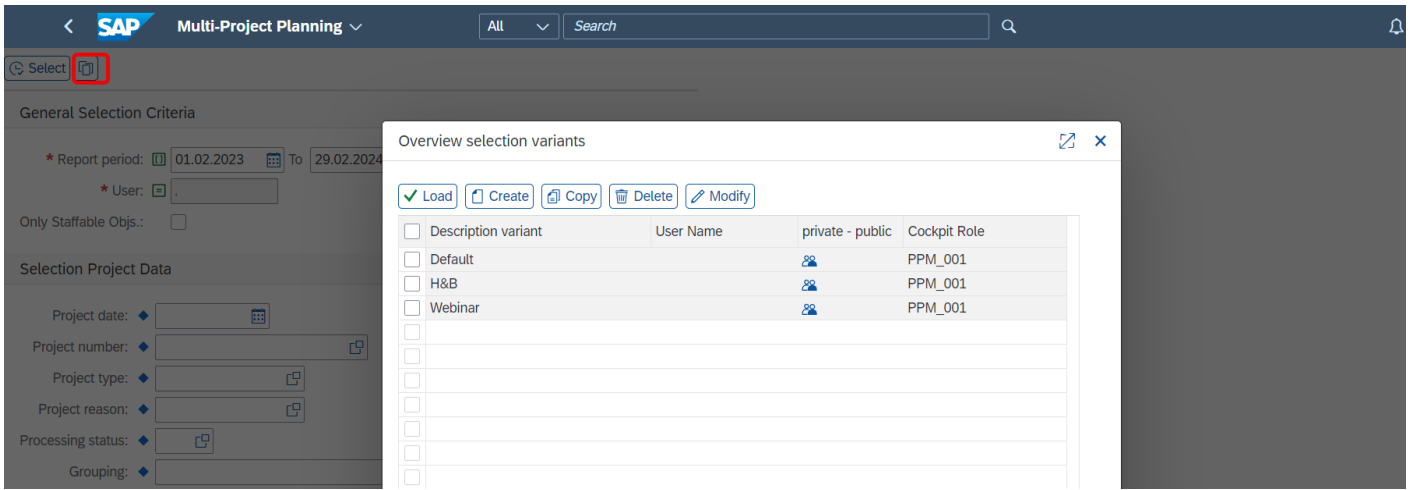
Selection Screen

The selection screen allows you to enter various search criteria manually. The following illustration lists the subdivided categories:

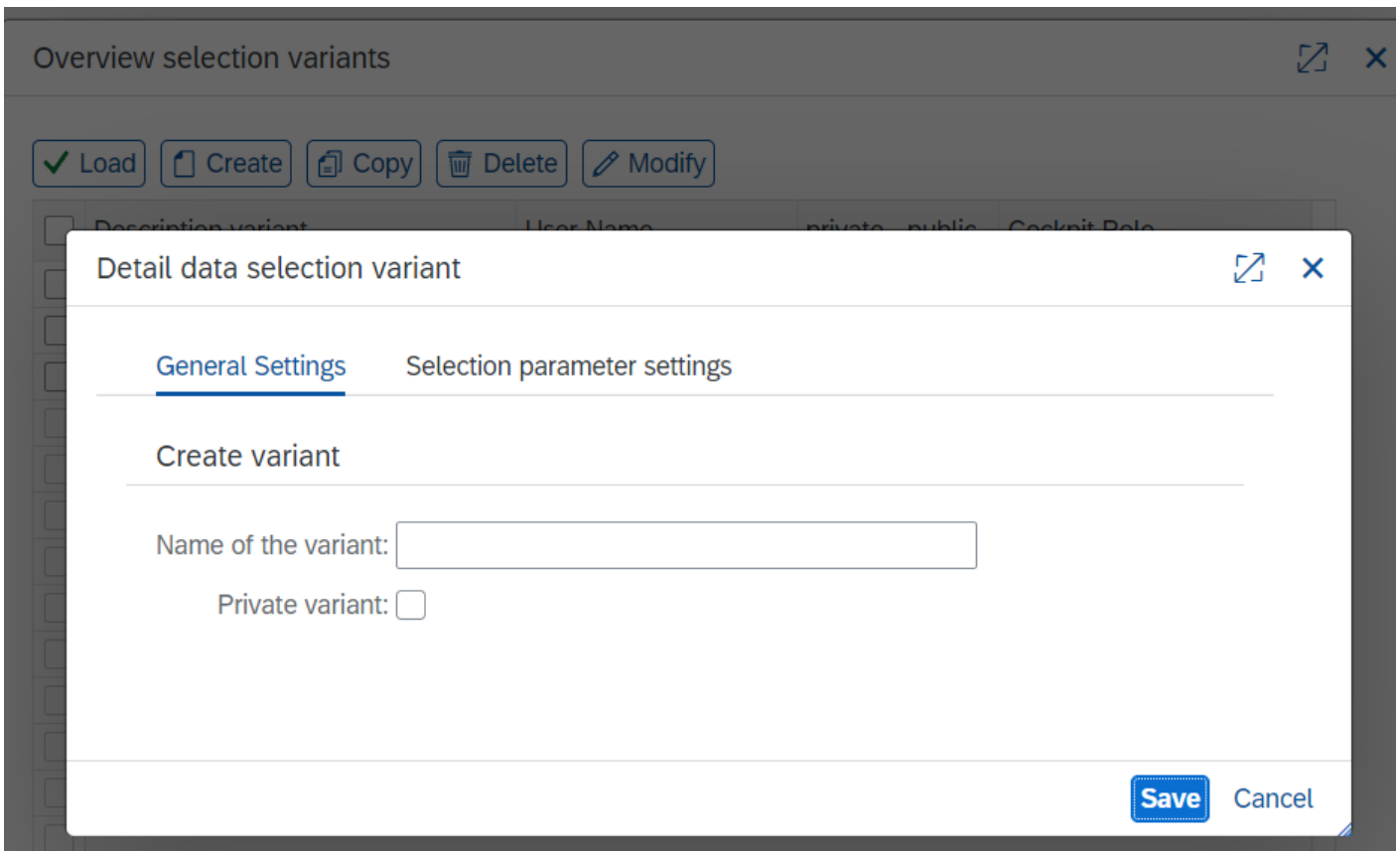
The screenshot displays the SAP Multi-Project Planning selection screen. At the top, there is a navigation bar with the SAP logo, the text "Multi-Project Planning" with a dropdown arrow, and buttons for "All" and "Search". Below the navigation bar are "Select" and "Copy" buttons. The screen is divided into three main sections:

- General Selection Criteria:** Contains fields for "Report period" (01.02.2023 to 29.02.2024), "User" (with a list icon), and a checkbox for "Only Staffable Objs.".
- Selection Project Data:** Contains fields for "Project date" (with a calendar icon), "Project number", "Project type", "Project reason", "Processing status", "Grouping", and "Search field". Each field has a dropdown arrow and a copy icon.
- Selection Role Data:** Contains fields for "Role date" (with a calendar icon), "Project role type", "ID of role function", "Staffing status", and "Org. unit ID". Each field has a dropdown arrow and a copy icon.

Creation of different selection variants for calling up the same scenarios is also supported. Click on the "Selection variants" button to do this. In the "Selection variants overview" window, the relevant variant is selected and transferred by clicking on the "Load" button.

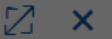


Furthermore, you can create and modify additional selection variants. By clicking on the "Create" button, another window opens to enter the detailed data for the new selection option.



By clicking the "Modify" button, the system opens a dialogue box which asks you to accept the manually entered search criteria. The detailed data for the new selection variant is entered and the modified variant is saved. This step also transfers adjustments to the search criteria to a selection option.

Overview selection variants



- Load
- Create
- Copy
- Delete
- Modify

<input type="checkbox"/>	Description variant	User Name	private - public	Cockpit Role
<input checked="" type="checkbox"/>	Default			PPM_001
<input type="checkbox"/>	H&B			PPM_001
<input type="checkbox"/>	Webinar			PPM_001
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
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<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				
<input type="checkbox"/>				

? Edit selection variant

Would you like to transfer the current selection criterias into the new variant?

Close

Application

Call PPM Project

If you want to go to the SAP standard interface, select the relevant project and choose the "Call PPM Project" function from the "Select Function" menu.

The screenshot shows the SAP Multi-Project Planning interface. At the top, there is a search bar and a 'Select Function' dropdown menu. The 'Select Function' menu is open, and 'Call PPM Project' is highlighted. Below the menu, there is a table with columns for 'Description', 'Obj. Type', 'Planning status', 'TotalforPerio', and monthly progress bars from JAN 24 to JAN 25. The project 'B++ / Mühle neu - Modul+Sichter vorh' is selected, and its progress bars are all at 0%.

This opens the Explorer, which displays the SAP standard environment. The project data can be customised here.

The screenshot shows the SAP Explorer interface for project 'CP_FOR_00003'. The 'General' tab is active, and the project data is displayed. The 'Name' field is 'B++ / Mühle neu - Modul+Sichter vorh', the 'Project Type' is 'IT2 Organization Project', and the 'Responsible Role' is 'No Responsibility'. The 'Description' field is empty. The interface includes a toolbar with buttons like 'Save', 'Close', 'Read Only', 'Check Conflicts', 'Export...', 'Print Fact Sheet', 'Create Version', 'User Settings...', and 'You can also'. There is also a 'Show Substitute Details' button.

After changes/entries have been made, use the "Save" button to save the data and the "Close" button to close the Explorer.

No Messages

Save Close Read Only Check Conflicts Export ... Print Fact Sheet Create Version ... User Settings... You can also ...

Additional Information on Resources ⌵ ⌵ ⌵

CP_FOR_00003 | Level of Severity ⌵ No Value Set Status: Created Responsible:

Structure Resources Project Versions Search

Detail Table Graphic

B++ / Mühle neu - Modul+Sichter vorh

Delete Schedule Check Aggregate Severities Add to Favorites ... Teilprojekte anlegen Copy to Forecasted ... Relationships ... Reset All Constraints Send E-Mail Language: German

<input checked="" type="checkbox"/>	Project Element	Se...	Not...	Do...	Obj...
<input checked="" type="checkbox"/>	▲ B++ / M...				
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					
<input type="checkbox"/>					

Basic Data Dates and Work Additional Data Notes Object Links Authorizations

General

Name: Number:

Project Type: Reason:

Responsible Role: Responsible Resource:

Responsible:

Substitute: [Show Substitute Details](#)

Description:

Call PPM Project Role

The application also allows you to go to PPM Project Roles. New roles can be created and existing roles can be managed here. To go to PPM Project Role, select a role and click on "Call PPM Project Role" in the "Select function" menu. The selected role is clearly assigned to the respective project.

The screenshot shows the SAP Multi-Project Planning interface. At the top, there are navigation and search options. Below, a table lists various project roles with columns for description, type, planning status, and monthly effort from January to October. A dropdown menu is open over the 'Select Function' button, with 'Call PPM project role' highlighted in a red box. Other options in the menu include 'Change Staffing Status', 'Create Staffing', and 'Resource Search'. The 'Civil Engineering - Project Type B++/C' role is selected in the table below the menu.

After changes/entries have been made, the data is saved using the "Save" button and the Explorer is closed using the "Close" button.

This screenshot shows the bottom part of the SAP interface. At the top, a row of buttons includes 'Save', 'Close', 'Edit', 'Check Conflicts', 'Export ...', 'Print Fact Sheet', 'Create Version', and 'User Settings...'. The 'Save' and 'Close' buttons are highlighted with red boxes. Below this, the project ID 'CP_FOR_00003' and its status are displayed. The main area shows a 'Resources' tab with a table of project roles. The 'Civil Engineering - Project Type B++/C' role is selected and highlighted in blue. The table columns include Roles, Distributed, Status, Calculated Demand, Total Demand, Booked, Remaining Demand, Assigned Effort, Unit, Confirmed Effort, Unit, Start, Finish, Calculated Start, and Calc.

Distribution of values

The "Distribution of values" feature is also displayed for all projects in which it is possible to adjust the requirements manually. To do this, select the role and click on the "Select Function" menu to select the "Distribution of values" function.

Staff Overview

Save Selection screen Refresh Report period: 01.02.2024 28.02.2025 Period: Month Unit: Hour Select Function

View: Default Exp. Compr. Select All Deselect All Standard table Settings

Description	Planning	TotalforPe...	FEB 24	MAR 24	APR 24		JUL 24	AUG 24	SEP 24	OCT 24	NOV 24	DEC 24
<input type="checkbox"/> Total Assigned Effort		0,00	0,00	0,00	0,00		0,00	0,00	0,00	0,00	0,00	0,00
<input type="checkbox"/> Remaining Demand		0,00	0,00	0,00	0,00		0,00	0,00	0,00	0,00	0,00	0,00
<input type="checkbox"/> Confirmation		0,00	0,00	0,00	0,00		0,00	0,00	0,00	0,00	0,00	0,00
<input type="checkbox"/> ABAP Entwickler	○○○											
<input type="checkbox"/> Demand		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<input type="checkbox"/> Remaining Demand		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<input type="checkbox"/> Total Assigned Effort		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<input type="checkbox"/> Confirmation		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<input checked="" type="checkbox"/> Ms. Annetiese AA Abap		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<input type="checkbox"/> Total Availability		2.055,90	154,00	154,00	161,70	146,30	154,00	177,10	169,40	161,70	169,40	154,00
<input type="checkbox"/> Remaining Availability		2.055,90	154,00	154,00	161,70	146,30	154,00	177,10	169,40	161,70	169,40	154,00
<input type="checkbox"/> Ms. Ecaterina Exler		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<input type="checkbox"/> Total Availability		2.055,90	154,00	154,00	161,70	146,30	154,00	177,10	169,40	161,70	169,40	154,00
<input type="checkbox"/> Remaining Availability		2.055,90	154,00	154,00	161,70	146,30	154,00	177,10	169,40	161,70	169,40	154,00
<input type="checkbox"/> Java Entwickler	○○○											

Select Function menu options: Change Staffing period, Delete Staffing, Distribution of values


If you open the "Role: Uniform distribution" window, you can set the "Uniform distribution" distribution rule and set various parameter values.

Distribution Rule

DistrRule ID:


Equal distribution distributes the given effort equally within the given period in dependence on the distribution key.
If more than one object is selected the given effort gets distributed more than one time per object.

Parameter Value

* Valid from: * Valid to: Req. capacity: * Unit: * Action type: * Distribution key:

The Validity input field defines a period in which the distribution rule is applied. The effort and the corresponding unit are defined in the Effort and unit parameter field.

Parameter Value



* Valid from:

* Valid to:

Req. capacity:

* Unit:

* Action type:

* Distribution key:

Hour

Person Days(8h)

Hours

Days

Person day (7,7h)

Z-Personentag (7h)

The "Action Type" option allows you to enter the following three elements.

Select: Action type



Items (3)

	Action type	Short Descript.
<input type="radio"/>	SET	Overwrite
<input type="radio"/>	ADD	Add
<input type="radio"/>	SUB	Subtract

Cancel

The "Distribution Key" option allows you to choose from the following four elements.

Select: Distribution key



Items (4)

	Distribution key	Short Descript.
<input type="radio"/>	I	Complete interval
<input type="radio"/>	M	Per month
<input type="radio"/>	D	Per day
<input type="radio"/>	W	Per week

Cancel

All parameters marked with a red asterisk must be filled in before confirming via the "Distribute" button.

Distribution Rule

DistrRule ID: Uniform Distribution

Equal distribution distributes the given effort equally within the given period in dependence on the distribution key. If more than one object is selected the given effort gets distributed more than one time per object.

Parameter Value

* Valid from: 01.02.2024

* Valid to: 28.02.2025

Req. capacity:

* Unit: Hour

* Action type:

* Distribution key:

Distribute Cancel

As an example, the ABAP developer requirement is increased to 80 hours and distributed evenly over the specified period. The following figure shows the current requirement.

<input type="checkbox"/>	Lean PM Demo 11/21 V1		257%	400%	400%	400%	200%	200%	0%			
<input type="checkbox"/>	Requirement		70.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00
<input type="checkbox"/>	Total allocated effort		180.00	40.00	40.00	40.00	20.00	20.00	20.00	0.00	0.00	0.00
<input type="checkbox"/>	Remaining needs		110.00	30.00	30.00	30.00	10.00	10.00	10.00	10.00	0.00	0.00
<input type="checkbox"/>	Reported back		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<input checked="" type="checkbox"/>	ABAP developer	Planned	257%	400%	400%	400%	200%	200%	0%			
<input type="checkbox"/>	Requirement	Planned	70.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0.00	0.00
<input type="checkbox"/>	Remaining needs		110.00	30.00	30.00	30.00	10.00	10.00	10.00	10.00	0.00	0.00
<input type="checkbox"/>	Total allocated effort		180.00	40.00	40.00	40.00	20.00	20.00	8.00 pm	0.00	0.00	0.00
<input type="checkbox"/>	Reported back		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

An effort of 80 hours is entered in the "Role: Value distribution" window. The old values can be overwritten by entering the action type "SET". The distribution key is applied monthly.

Distribution of values for staffing requirements

The function "Distribution of values for staffing requirements" is also displayed for all projects in which a manual adjustment of the requirements is possible. Select the relevant staffing and select the "Distribution of values" function in the "Select function" menu.

The screenshot shows the 'Staff Overview' interface. At the top, there are controls for 'Save', 'Selection screen', 'Refresh', 'Report period' (01.02.2024 to 28.02.2025), 'Period' (Month), and 'Unit' (Hour). A 'Select Function' dropdown menu is open, showing options: 'Change Staffing period', 'Delete Staffing', and 'Distribution of values' (highlighted with a red box). Below the menu is a table with columns for 'Description', 'Planning', 'TotalforPe...', 'FEB 24', 'MAR 24', 'APR 24', 'JUL 24', 'AUG 24', 'SEP 24', 'OCT 24', 'NOV 24', and 'DEC 24'. The table lists various staffing categories and individuals, such as 'ABAP Entwickler' and 'Ms. Anneliese AA Abap', with numerical values for each month.

Description	Planning	TotalforPe...	FEB 24	MAR 24	APR 24	JUL 24	AUG 24	SEP 24	OCT 24	NOV 24	DEC 24
Total Assigned Effort		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Remaining Demand		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Confirmation		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
ABAP Entwickler	○○○										
Demand		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Remaining Demand		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total Assigned Effort		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Confirmation		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Ms. Anneliese AA Abap		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total Availability		2.055,90	154,00	154,00	161,70	146,30	154,00	177,10	169,40	161,70	169,40
Remaining Availability		2.055,90	154,00	154,00	161,70	146,30	154,00	177,10	169,40	161,70	169,40
Ms. Ecaterina Exler		0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total Availability		2.055,90	154,00	154,00	161,70	146,30	154,00	177,10	169,40	161,70	169,40
Remaining Availability		2.055,90	154,00	154,00	161,70	146,30	154,00	177,10	169,40	161,70	169,40
Java Entwickler	○○○										


The "Value distribution" window opens, which enables you to set the "Uniform distribution" distribution rule and various parameter values.

Distribution Rule

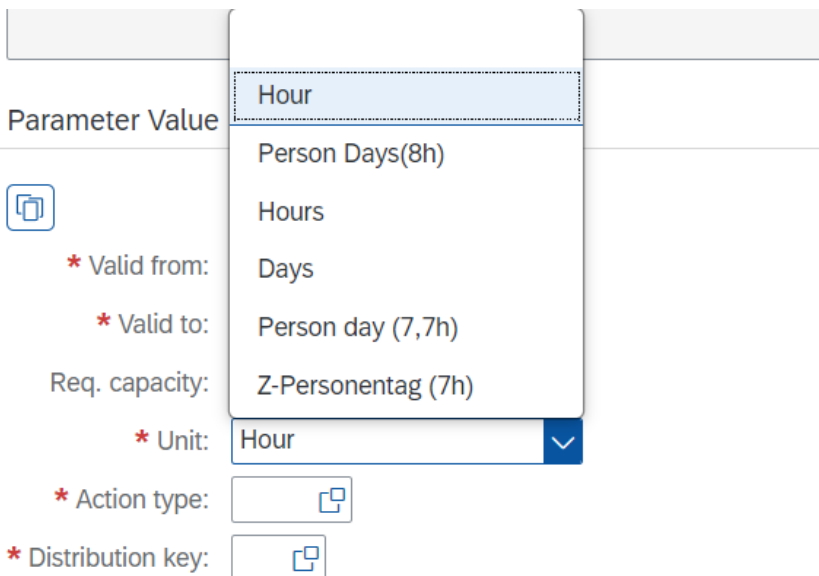
DistrRule ID:

Equal distribution distributes the given effort equally within the given period in dependence on the distribution key.
If more than one object is selected the given effort gets distributed more than one time per object.


Parameter Value


* Valid from: * Valid to: Req. capacity: * Unit: * Action type: * Distribution key:

The Validity input field defines a period in which the distribution rule is applied. The effort and the corresponding unit are defined in the Effort and unit parameter field.



Parameter Value

* Valid from: 

* Valid to: 

Req. capacity:

* Unit:

* Action type:

* Distribution key:

The "Action Type" field allows you to enter the following three elements.

Select: Action type



Items (3)

	Action type	Short Descript.
<input type="radio"/>	SET	Overwrite
<input type="radio"/>	ADD	Add
<input type="radio"/>	SUB	Subtract

Cancel

The "Distribution Key" field allows you to select from the following four elements.

Select: Distribution key



Items (4)

	Distribution key	Short Descript.
<input type="radio"/>	I	Complete interval
<input type="radio"/>	M	Per month
<input type="radio"/>	D	Per day
<input type="radio"/>	W	Per week

Cancel

All parameter values that are marked by a red asterisk must be filled in before confirming with the "Distribute" button.

Distribution Rule

DistrRule ID:

Equal distribution distributes the given effort equally within the given period in dependence on the distribution key.
If more than one object is selected the given effort gets distributed more than one time per object.


Parameter Value

* Valid from: * Valid to: Req. capacity: * Unit: * Action type: * Distribution key:

In the following example, the requirement for an ABAP developer is increased to 40 hours and distributed evenly over the specified period. The following figure shows the current requirement.

An effort of 40 hours is entered in the "Staffing: equal distribution" field. The old values are overwritten by entering the action type "SET". The distribution key is applied monthly.

Parameter Value



* Valid from:

* Valid to:

Req. capacity:

* Unit:

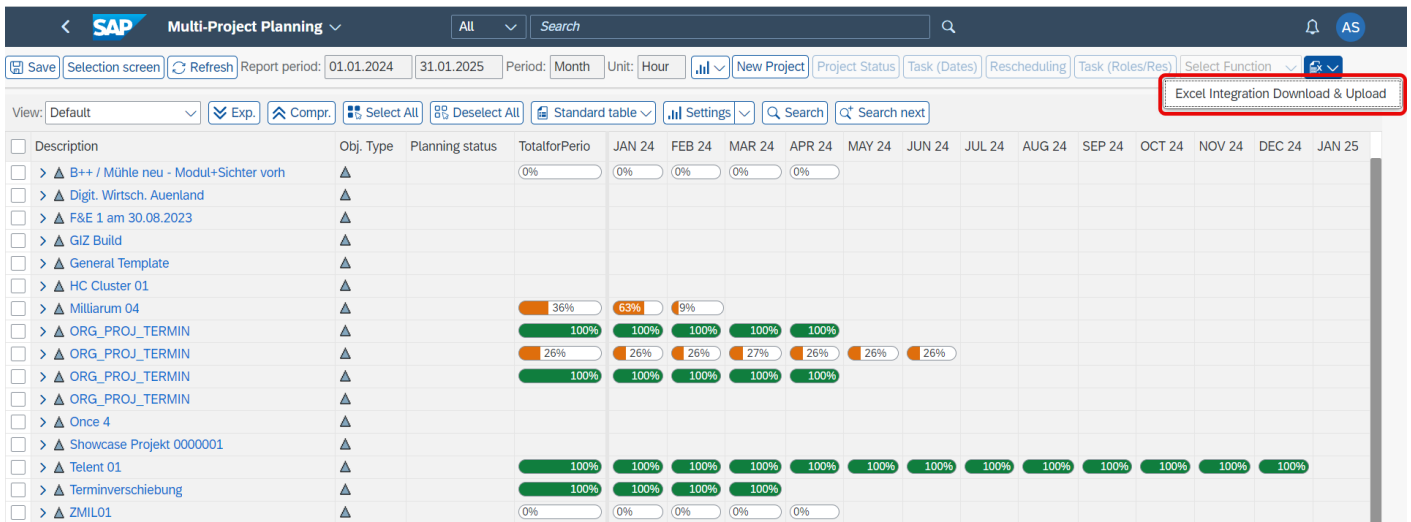
* Action type:

* Distribution key:

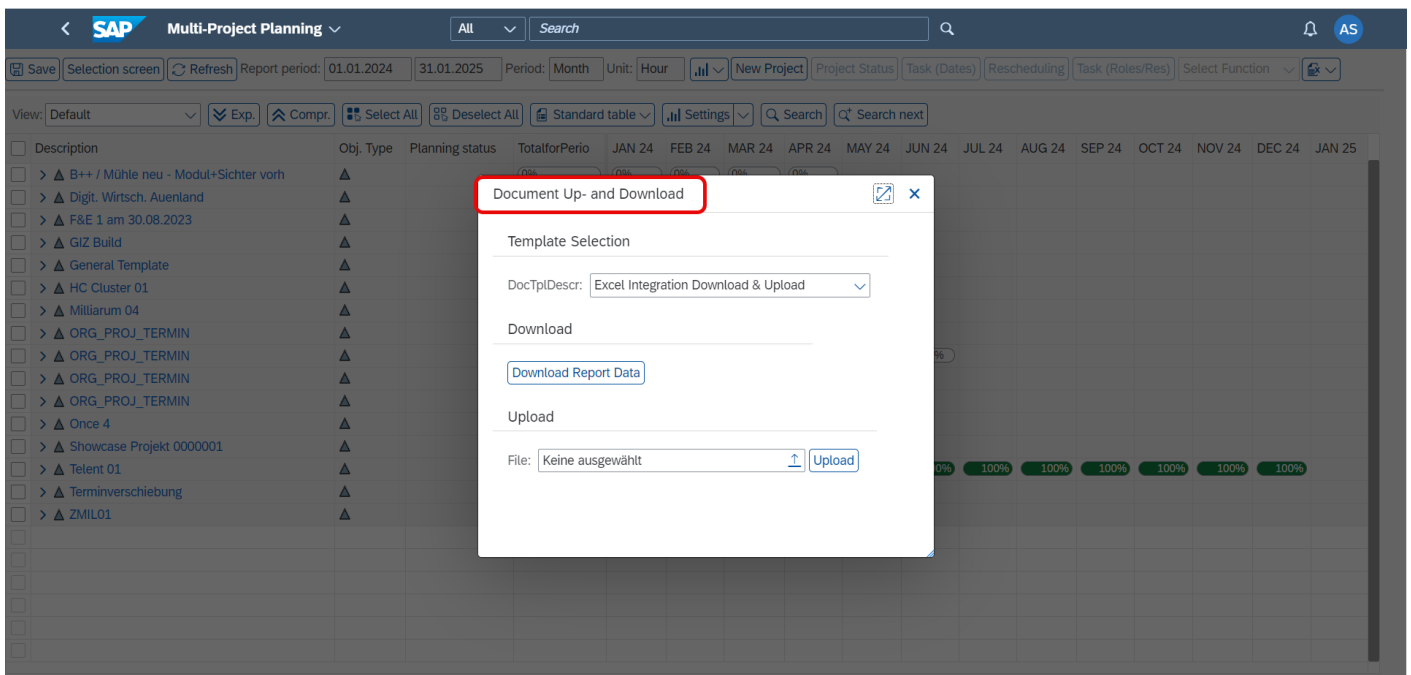
After clicking the "Distribute" button, the requirements in the corresponding role will change. The values in the respective columns are automatically recalculated. The corresponding progress indicator also adjusts automatically.

Excel Integration

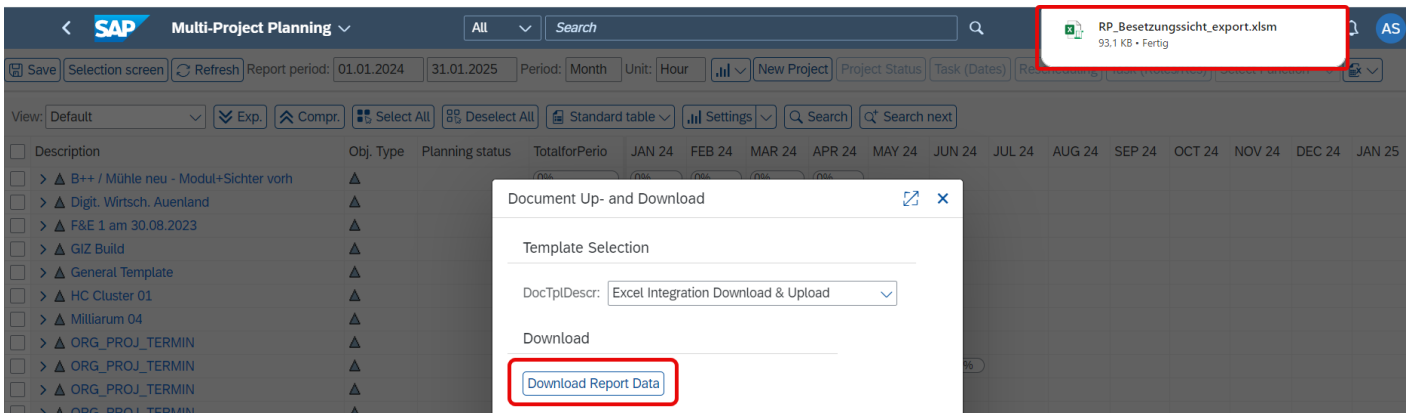
Excel integration enables the bidirectional transfer of project data and the associated visualisation in an Excel template. The download function transfers the project data to an Excel file. At the same time, the upload function transfers the data from the Excel template to PPM multi-project planning. The Excel integration function is started using a dedicated button.



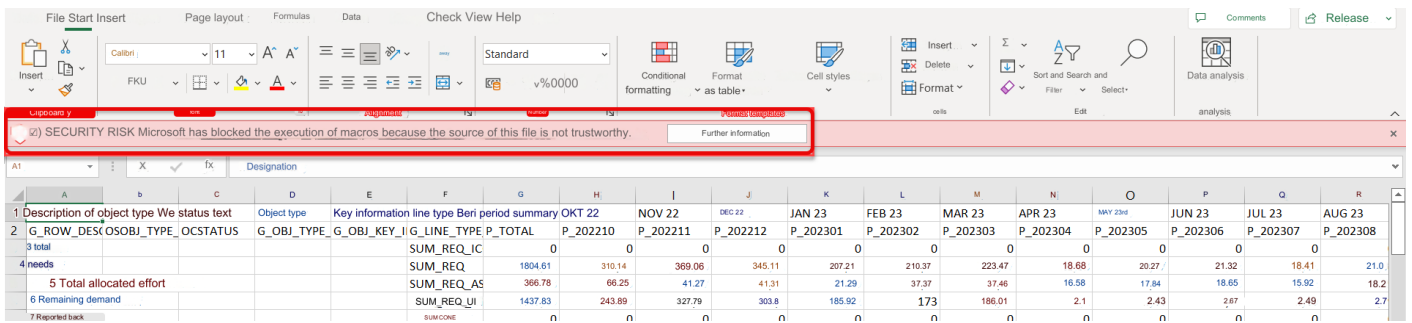
By selecting "Excel Integration Staffing", you can open the "Document upload and download" window. Excel templates can be both uploaded and downloaded here.



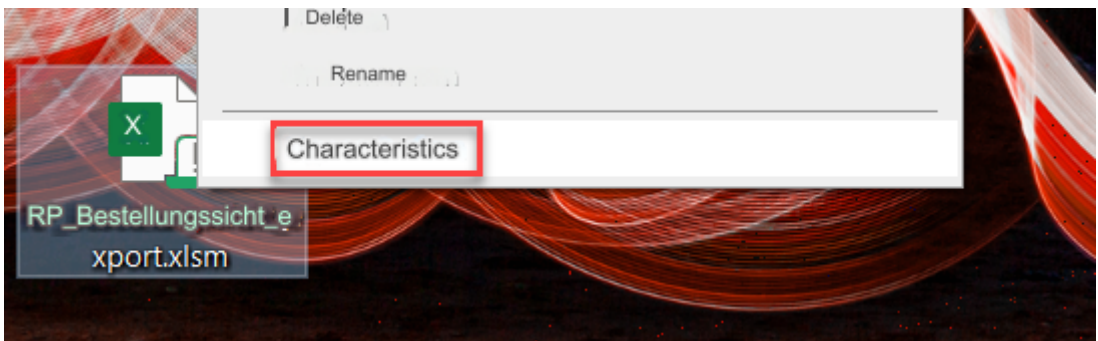
By clicking on the "Download" button, the download is started. A storage location can be defined by selecting the "Save as" function.



In more recent MS Office versions, macro protection is automatically activated. This activation prevents the upload function from running correctly.



Daher wird die Excel-Datei mit der rechten Maustaste angeklickt und der Menüpunkt Eigenschaften ausgewählt.



In the properties window, select "Allow" in the "Security" field. The settings are then applied. The Excel template is now configured so that the required macros are executed. You can find further information on this at <https://support.microsoft.com/de-de/office/%C3%A4ndern-der-makrosicherheitseinstellungen-in-excel-a97c09d2-c082-46b8-b19f-e8621e8fe373> "Changing the macro security settings in Excel".

Created: Monday, October 24, 2022, 2:30:02 p.m.

Changed: Monday, October 24, 2022, 2:30:02 p.m.

Last access: Today, October 24, 2022, 15 minutes ago

Attribute: Read-only Hidden Extended...

Security: Allow

The file comes from another computer. Access may have been blocked for security reasons.

OK Cancel Take over

To illustrate the effects of an upload in more detail, the initial values of a project in PPM multi-project planning are considered here as an example.

<input type="checkbox"/>	Reported back			0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
<input type="checkbox"/>	ABAP developer		Planned	300%	400%	400%	400%	20...	20...	200%	200%
<input type="checkbox"/>	Requirement		Planned	60.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
<input type="checkbox"/>	Remaining needs			120.00-	30.00-	30.00-	30.00-	10.00-	10.00-	10.00-	10.00-
<input type="checkbox"/>	Total allocated effort			180.00	40.00	40.00	40.00	20.00	20.00	20.00	20.00
<input type="checkbox"/>	Reported back			0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00

The data is changed in the corresponding row in the Excel file based on the Excel template. After entering new/changed requirements, the Excel file is saved on the basis of the Excel template. If required, the search function within the Excel file can be used to find the required rows. Once the changes have been made, the Excel template is saved.

99	Lean PM The Project	Created	PROJ	00163E00000 OBJ DAT REC	0	0	0	0	0	0	0	0
100	needs		PROJ	00163E00000 SUM_REQ	480	100	110	120	130	10	10	0
	101 Total allocated expense		PROJ	00163E00000 SUM_REQ_AS	180	40	40	40	20	20	20	0
102	Remaining demand		PROJ	00163E00000 SUM_REQ_UI	300	60	70	80	110	-10	-10	0
103	reported back		PROJ	00163E00000 SUM_CONF	0	0	0	0	0	0	0	0
104	ABAP Development Project Role Occupation in E		PART	00163E00000 OBJ DAT REC	0	0	0	0	0	0	0	0
105	needs		PART	00163E00000 SUM_REQ	480	100	110	120	130	10	10	0
	106 Remaining demand		PART	00163E00000 SUM_REQ_UI	300	60	70	80	110	-10	-10	0
	107 Total allocated expense		PART	00163E00000 SUM_REQ_AS	180	40	40	40	20	20	20	0
108	reported back		PART	00163E00000 SUM_CONF	0	0	0	0	0	0	0	0

To upload, open the "Documents upload and download window" in PPM multi-project planning by selecting the "Excel integration staffing" function. Click on the file selection to open a search window. The location of the Excel file is selected here and the corresponding file is chosen. Clicking on the "Open" button inserts the Excel template into the upload mask.

