



Beas Manufacturing 2025.04

Release Notes

04/28/2025



Highlights

FOCUS AREA: Graphical Improvement and look & feel

- **Improved graphics of Resource Utilization screens:**
 - Resource Groups
 - All Resources
 - Dispatches
 - Tool Administration
 - MRP
- **New Style definition**
- **Precalculation supports prices with different UoM Groups**
- **Deliver provisions bug fix**
- **Beas MSSQL version can connect to the database with different database drivers**

Usability

Resource utilization graphics improvement

NEW: The graphic visualization of Resource utilization has been improved to provide more information in an intuitive and user-friendly interface. Adjust display size of the two graphs by Ctrl + Scroll up/down.

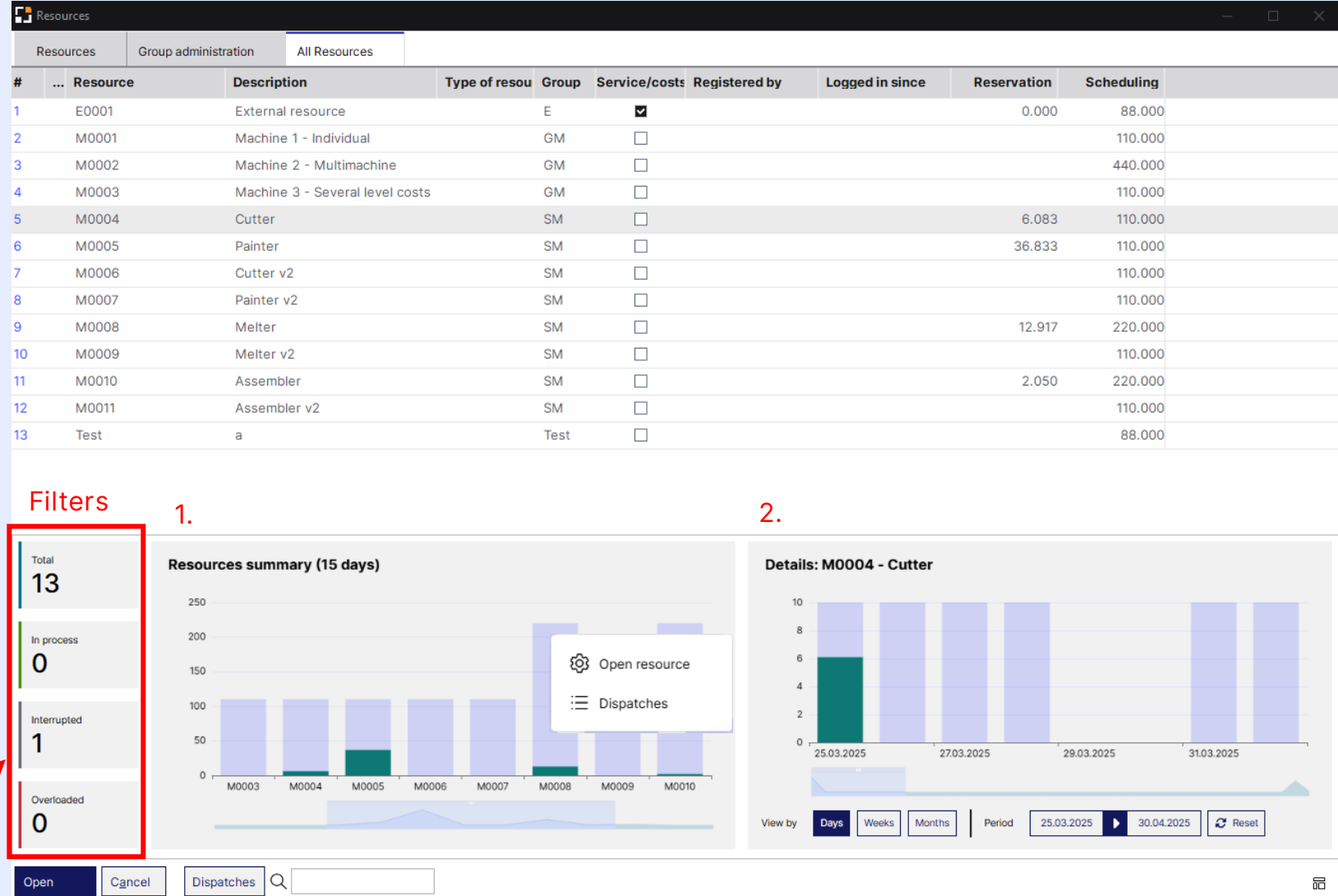
Two graphics are displayed in the Group administration and All Resources tabs:

1. Summary graph: It shows the planned capacity (light blue), the current workload of each resource/group (green), and when it is above the planned capacity quantity (red).

2. Detailed graph: It shows the same information but only for the selected resource/group detailed in a specific period. It can be viewed by days, weeks and months.

The filters in the new graphic view display specific resources/groups with the filter's status:

Total, In process, Interrupted, Overloaded



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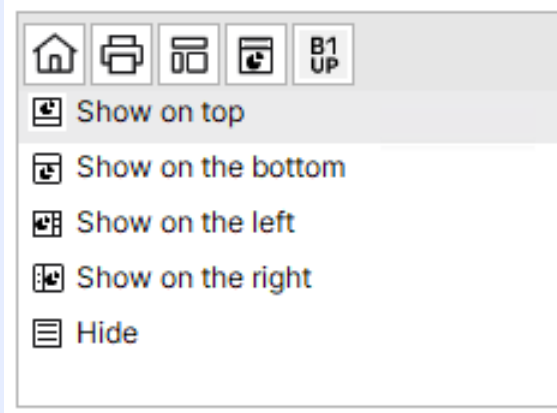
The filters in the new graphic view display specific resources/groups with the filter's status: Total, In process, Interrupted, Overloaded



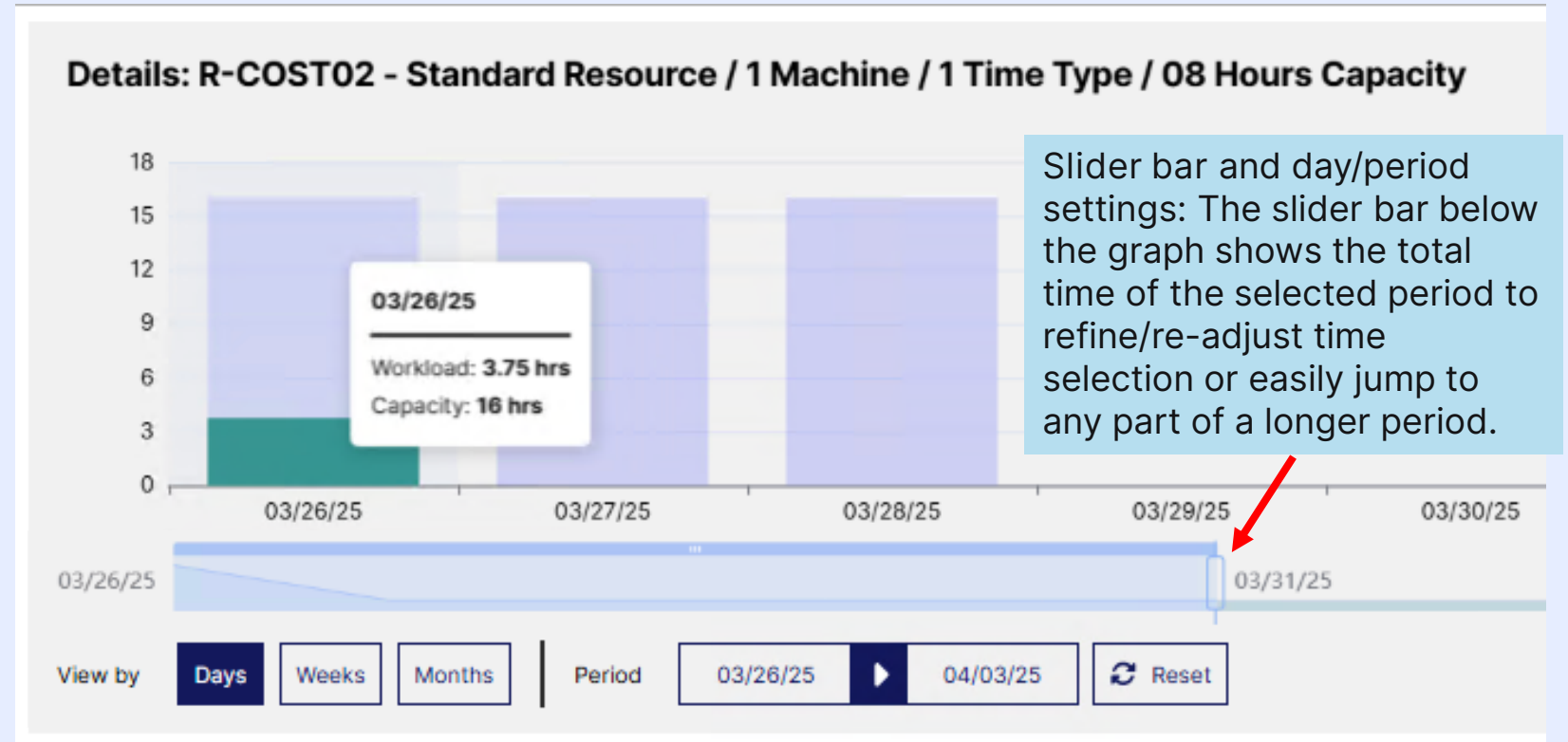
Window: *stamm_arbplatz_browse.psr*, *stamm_arbplatzgruppe_browse2.psr*

Usability

Resource utilization graphics improvement – NEW CONTROLS



Contextual menu: New entry provides a selection of visualization for the new graphics. With these options it is possible to choose the location of the graphics in the window: *top*, *bottom*, *left side*, *right side*, or *hiding* it to simply work with the list view. A different view can be selected for each user and for each affected screen.



Slider bar and day/period settings: The slider bar below the graph shows the total time of the selected period to refine/re-adjust time selection or easily jump to any part of a longer period.

Tool tip: By hovering over the graphs, a tool tip is displayed with capacity and date (period) information on the actual resource.

These controls have been implemented in all corresponding screens: Resource Groups Administration, All Resources, Dispatches browse and edit, Tool Administration and MRP Resource utilization graphics

Usability

Resource utilization graphics improvement – Resource Group Administration

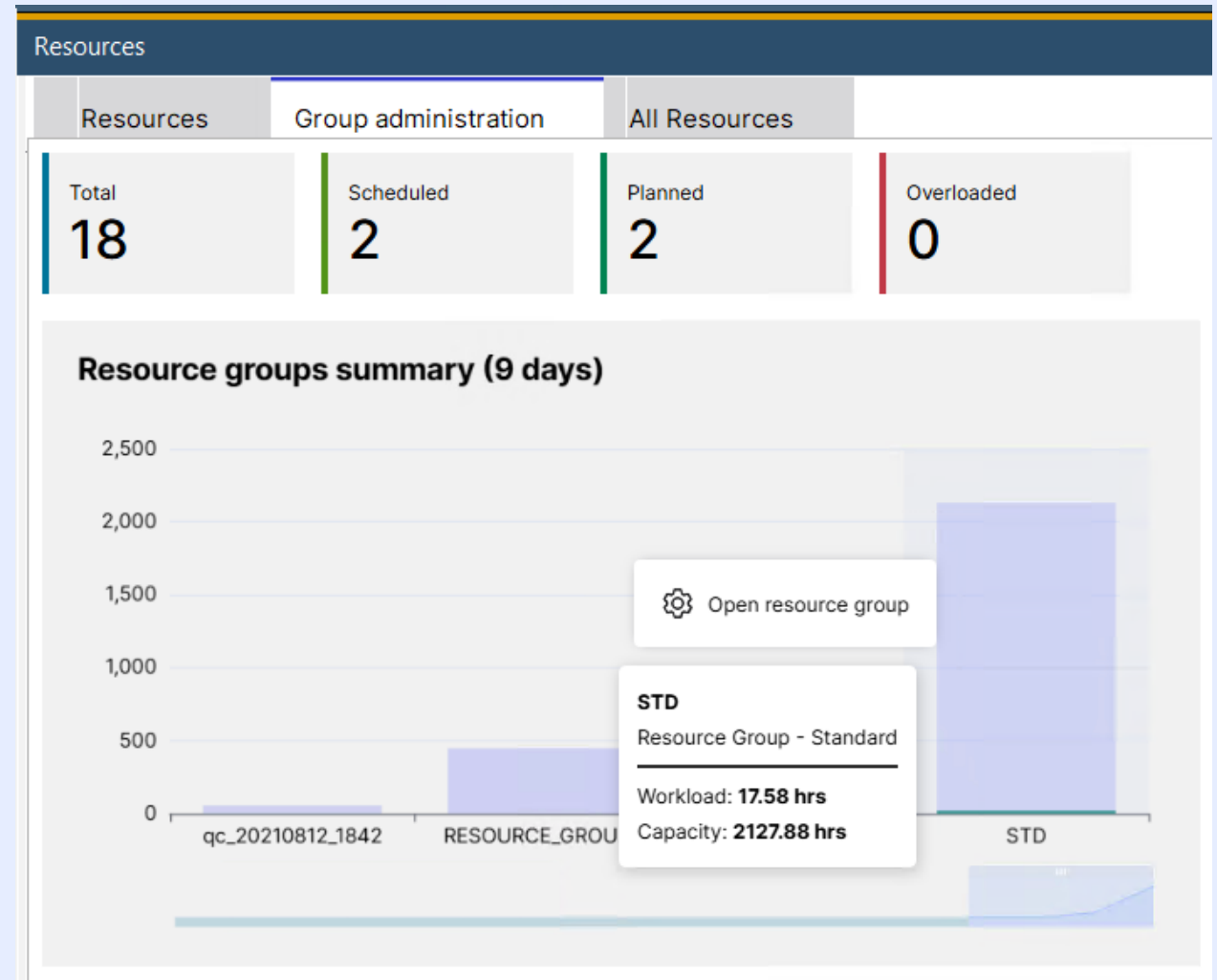
NEW:

The Resource Group Administration tab features some different filters to view information on the Resource groups:

Total, Scheduled, Planned and Overloaded. The "Scheduled" filter displays the number of resource groups scheduled in work orders, and the "Planned" filter shows those used in production.

The Contextual menu differs by only showing access to open the selected Resource Group master data for editing.

Other controls are identical to the ones in the All Resources tab.



Window: stamm_arbplatzgruppe_browse2.psr

Usability

Resource utilization graphics improvement – Dispatches browse/edit screens

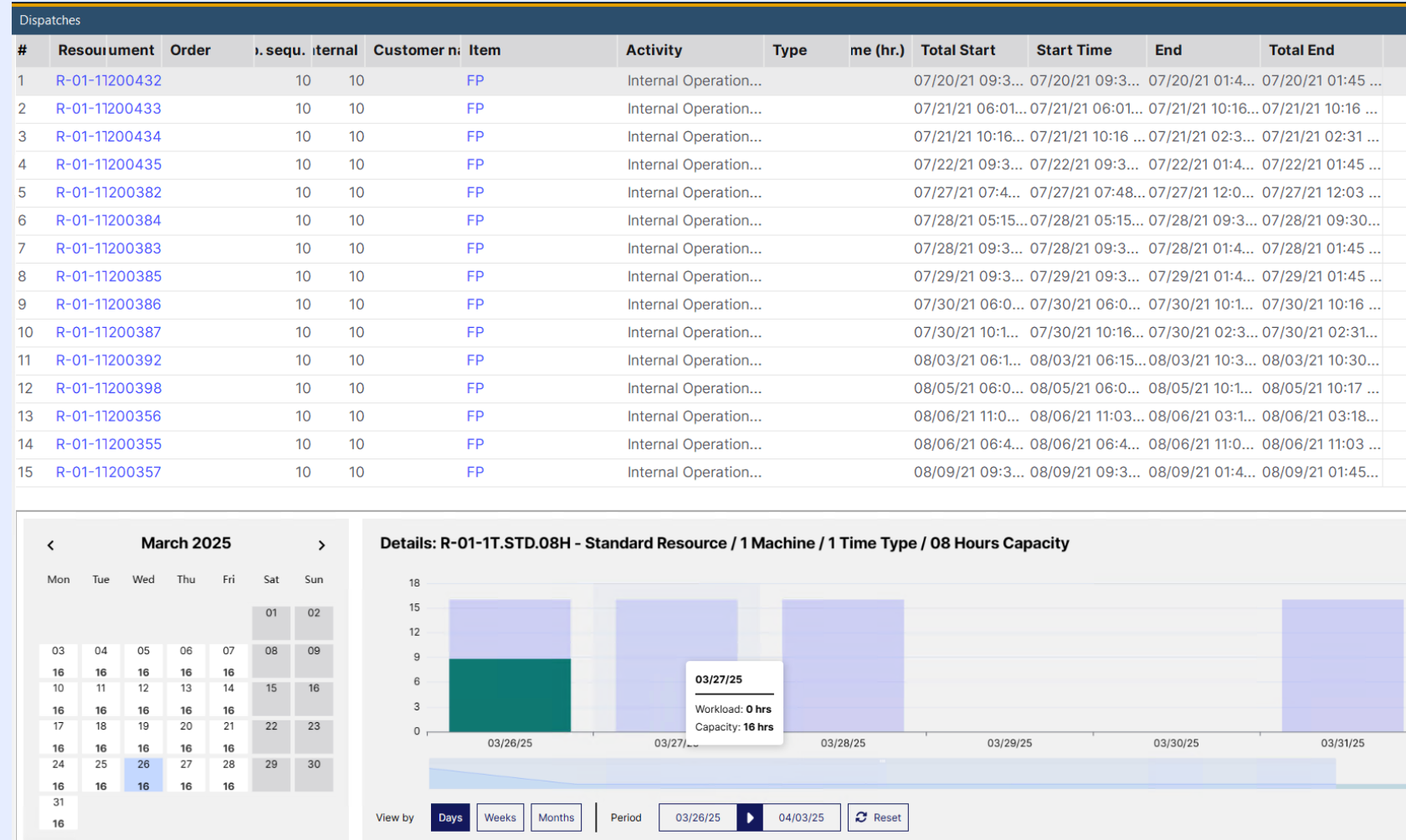
NEW:

The Dispatches screens also received a facelift with the new graphical visualization.

The browse and edit screens also feature two graphs:

1. Calendar: This graph provides a monthly overview at resource utilization. The number of resource capacity hours are indicated under the dates.

2. Details: It shows the same information but only for the selected resource/group detailed in a specific period. It can be viewed by days, weeks and months.



Windows: *stamm_arbplatz_einlastung_kom.psr*
stamm_arbplatz_einlastungen_extra.psr.psr

Usability

Resource utilization graphics improvement – Dispatches browse/edit screens

NEW:

The Dispatches screens also received a facelift with the new graphical visualization.

Color code for calendar days:

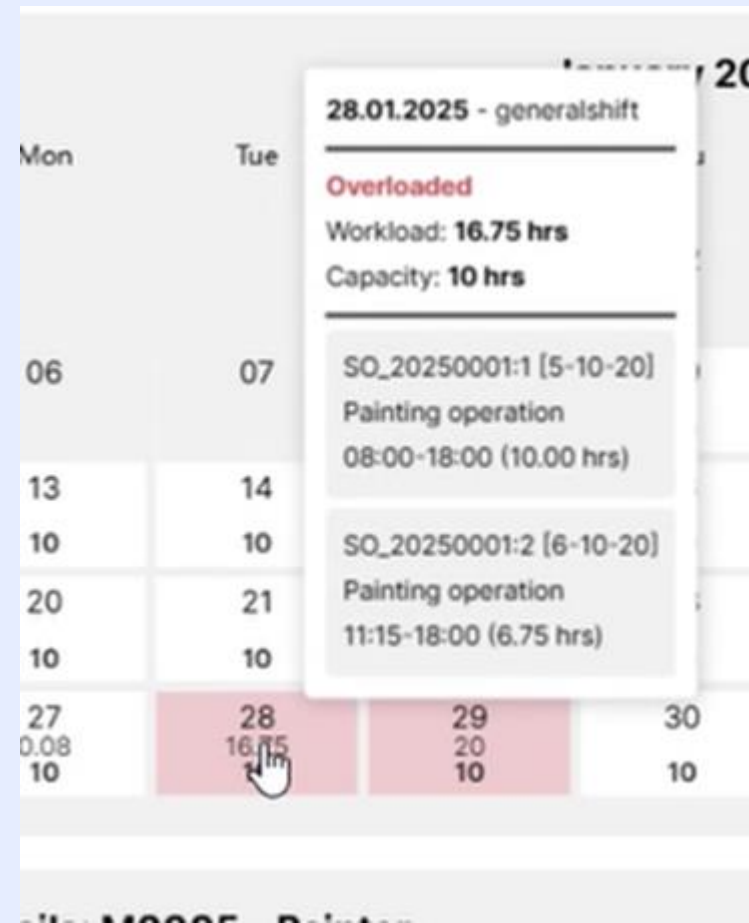
Gray: Non-labor day (no capacity or holiday)

Red: Day with overloaded capacity

White: Any day with capacity planning

Blue: the currently selected day

Hovering over a calendar day shows a tool tip on the relevant details of resource utilization.



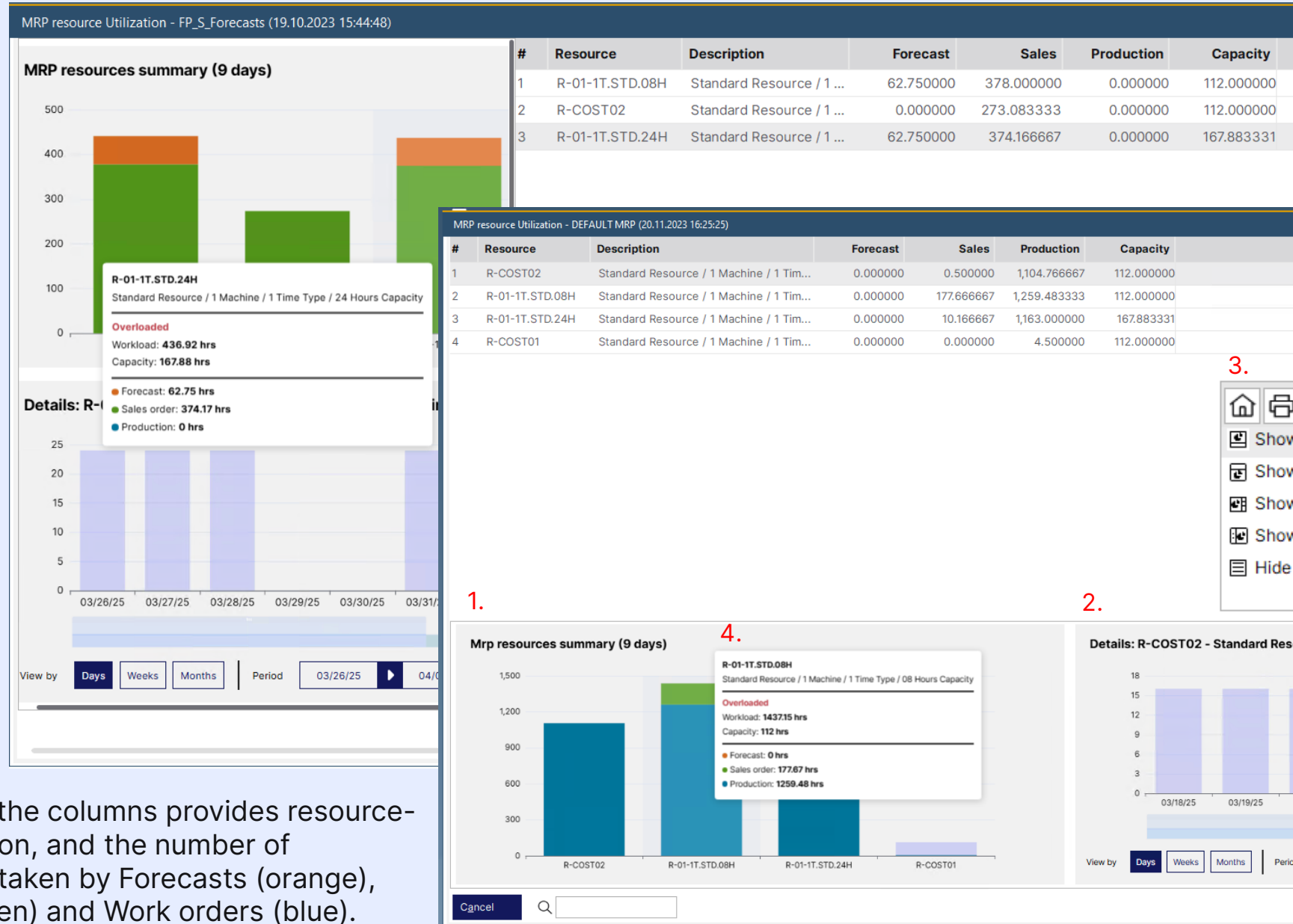
Usability

MRP Resource utilization graphics improvement

NEW:

The Resource utilization graphics improvement has also been implemented in MRP. The graphical representation of the screen is similarly divided in two and features a (1) summary and a (2) detail section which can be placed in the desired screen segments: *top, bottom, left/right* or *hidden* with the new (3.) contextual menu controls.

(4.) Tool tip over the columns provides resource-specific information, and the number of scheduled hours taken by Forecasts (orange), Sales orders (green) and Work orders (blue).



Usability

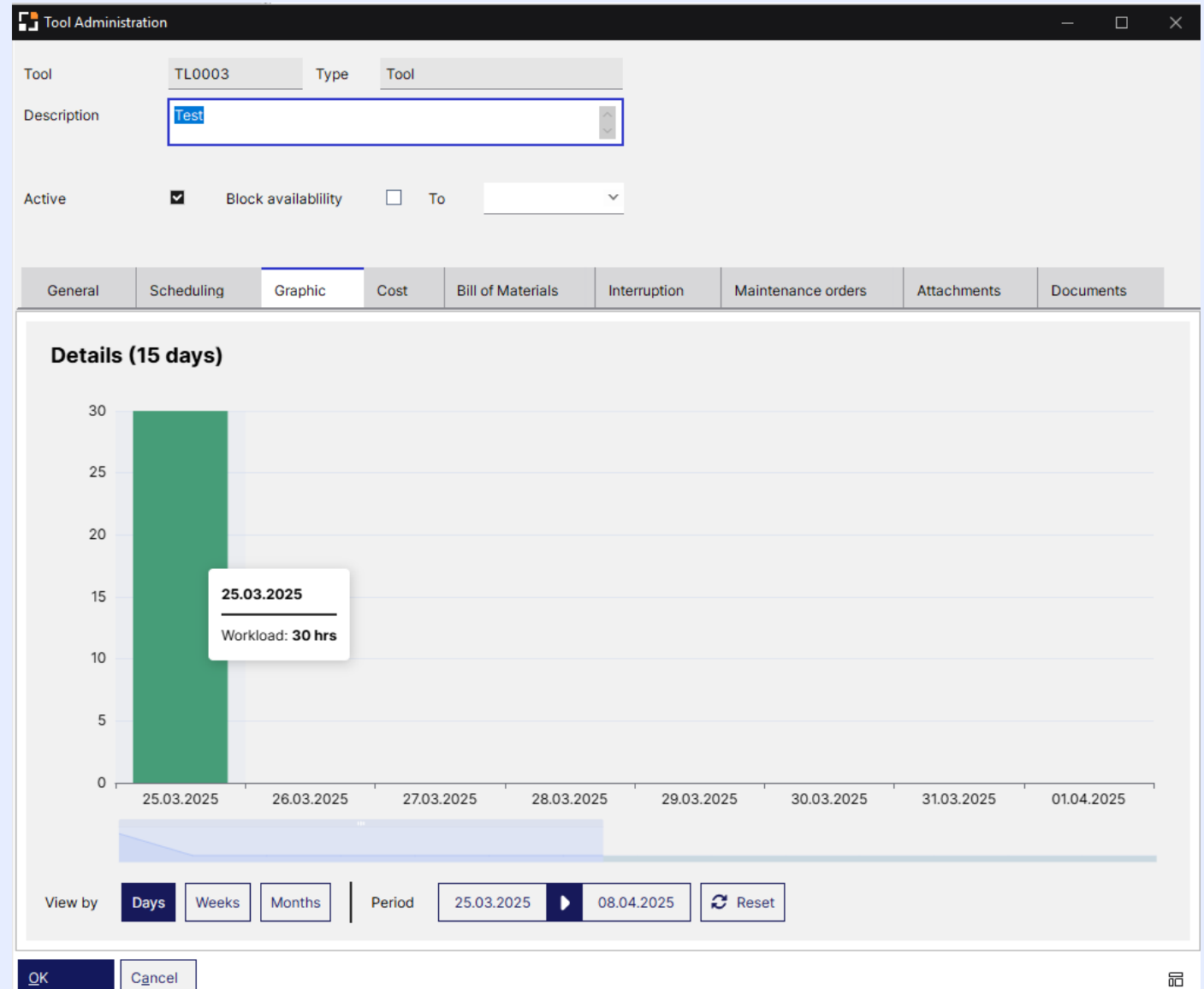
Tool Administration screen graphics improvement

NEW:

The visualization of the Tool Administration > Graphic tab has also been replaced to a new version. It shows the workload of the selected tool detailed in a specific period.

It can be viewed by days, weeks and months.

Please note: this view is only available for tools with capacity planning.



Window: *stamm_wkz_edit.psr*

Look n' feel

New Style Definition

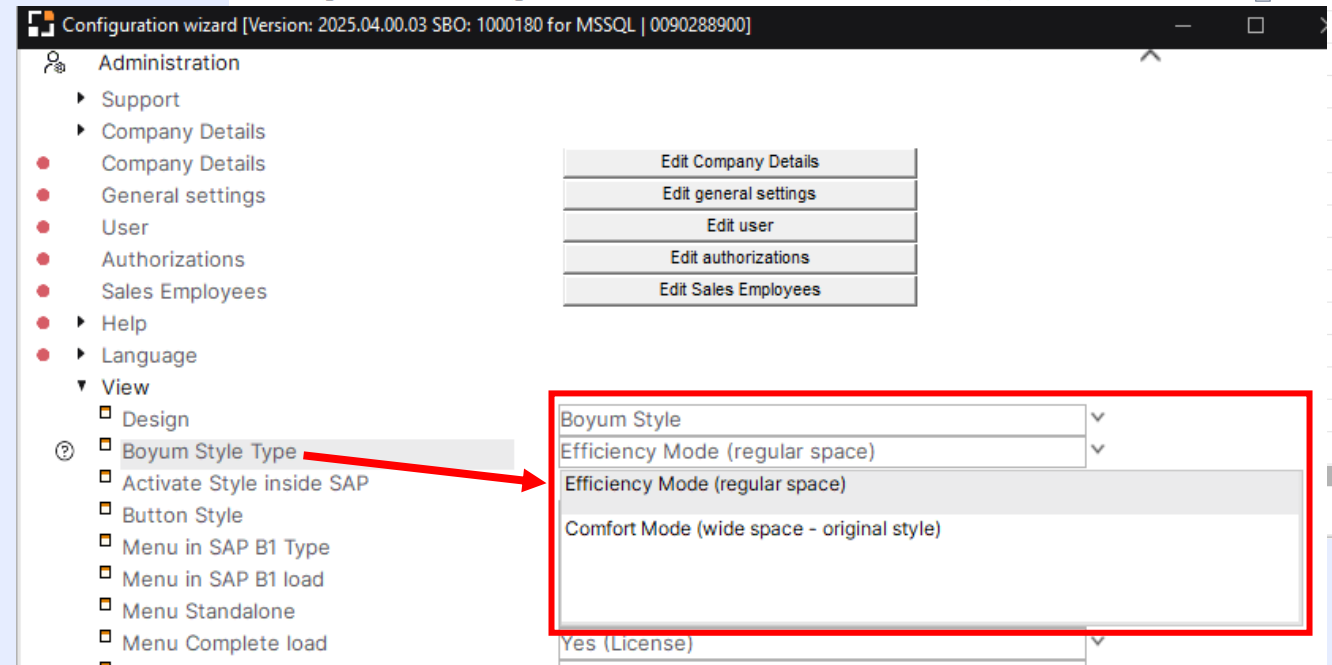
The Boyum Theme Style introduced in 2023.09 has now received a new definition, resulting in two options.

Efficiency Mode (regular space):

This new definition (active by default) features less overall space in the windows, more lines are displayed with reduced column width and tab height, and fields appear closer together. The design of buttons has also been adapted, and message boxes, login screens etc. use the latest style settings.

Comfort Mode (wide space – original Boyum Style):
The original, spacier Boyum Style as of 2023.09.

#	Item number	Description	Group	Locked
1	++Terry2	TERRY	Items	☐
2	+TERRY	TERRY	Items	☐
3	000-4001	default	Items	☐
4	0815-1	Configurator Variant	Items	☐
5	123	wert 123	Items	☐
6	1weee	default	Items	☐
7	2331Parent	2331Parent	Items	☐
8	2346Child	2346Child	Items	☐
9	2346Parent	2346Parent	Items	☐
10	2375Child	2375Child	Items	☐
11	2375Parent	2375Parent	Items	☐
12	24410_L0	24410_L0	Items	☐
13	24410_L1	24410_L1	Items	☐
14	24410_L2	24410_L2	Items	☐



Calculation

Precalculation supports Prices with different UOM Groups

NEW:

The Precalculation screen now allows the user to define prices in a different Unit of measure than the Inventory unit for the item defined with a UOM group.

Item Master Data

Item No. Manual UOM_GROUP_CHILD ☒ Inventory Item

Description UOM_GROUP_CHILD ☒ Sales Item

Foreign Name ☒ Purchasing Item

Item Type Items

Item Group Items

UoM Group EA_24Box

Price List Price List 02

Bar Code Each

Unit Price Primary Cost \$ 2.00 Pcs

Pricing Unit Pcs

General Purchasing Data Sales Data Inventory Data Planning Data Production Data Properties Remarks Attachments

Set G/L Accounts By Warehouse

UoM Code Each

UoM Name Each

Weight

Inventory Counting UoM Code Each

Inventory Counting UoM Name Each

☐ Manage Inventory by Warehouse

Inventory Level

Required (Purchasing UoM)

Minimum

Maximum

Precalculation: 20, Project

Processing View Functions

Open Insert item New Assembly New Material Create Operation Cut Duplicate Insert Remove Calculate

1,0 Pcs	Marginal Cost	Description	Quantity	Use	Cost	DMC	T/Min	LMC	COGS	Drawing
FP_UOM_GROUP		Finished Product / Batch / Mak	1,0000 Pcs		0,00	24,00	25,00	350,00	374,00	
10 UOM_GROUP_CHILD		UOM_GROUP_CHILD	24,00	Each	1,0000	24,00	0,00	0,00	24,00	
10 R-01-1T.STD.08H (OP		Internal Operation STND003 - :	1,0		14,00	0,00	25,00	350,00	350,00	
Material Costs by Bill of Materials						24,00				
External processing						0,00				
Direct Material Costs						24,00				

Window: pk_struktur.psr

Production

Deliver provision document is not created when Reservation is done for all items

BEFORE FIXING:
When doing pre-assignment in one row each time, Beas was "ignoring" the previously pre-assigned rows. Only the last selected one could be provided. That is the reason why you can only see one provision done in the WO.

Similarly, other functionalities were failing visually in the rows, upon deletion of pre-assigned materials.

NEW: Beas does not ignore previously pre-assigned rows. If you have selected, in this case, five materials, 5 provisions should appear in the WO in the correct position and material.

Also, when deleting a pre-assigned item, the icon will now disappear in the row.

External production - Deliver Provisions 22

Selected pre-assign

All pre-assign

Pre-assignment Delete

All provide

Transaction Close

External warehouse06

Adrià Pulido González

Info

Provision for Purc

#	Type	Number	Document	Line 1	Position	Item	I-Version	Description
1	Production	32	WO_000007	10	10	M0000021		Material 21 - For provi
2	Production	32	WO_000007	10	20	M0000023		Material 23 - For provi
3	Production	32	WO_000007	20	10	M0000022		Material 22 - For provi
4	Production	32	WO_000007	30	10	M0000021		Material 21 - For provi
5	Production	32	WO_000007	30	20	M0000023		Material 23 - For provi
6	Production	32	WO_000007	40	10	M0000022		Material 22 - For provi

20FP0012Final product - Item with an external operation13/03/2513/03/2510.000.00m

10^AM0000022Material 22 - For provisions

M0000022065.000.00m

Provision 23 Warehouse: (06) External warehouse13/03/255.00m

10E0001External operation13/03/2513/03/250.000Min.

30FP0012Final product - Item with an external operation13/03/2513/03/2510.000.00m

10^AM0000021Material 21 - For provisions

M00000210610.000.00m

Provision 23 Warehouse: (06) External warehouse13/03/2510.00m

20^AM0000023Material 23 - For provisions

M00000230610.000.00m

Provision 24 Warehouse: (06) External warehouse13/03/2510.00m

10E0001External operation13/03/2513/03/250.000Min.

40FP0012Final product - Item with an external operation13/03/2513/03/2510.000.00m

10^AM0000022Material 22 - For provisions

M0000022065.000.00m

Provision 23 Warehouse: (06) External warehouse13/03/255.00m

10E0001External operation13/03/2513/03/250.000Min.

Window: reservation_set_master.psr in the WO

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System and other

Beas MSSQL version can connect to the database with different database drivers

NEW FUNCTIONALITY:

The Beas MSSQL version can now connect to the database with different database drivers.

When the installation of Beas is executed, we install the MSOLEDBSQL driver Version 19.3.5.

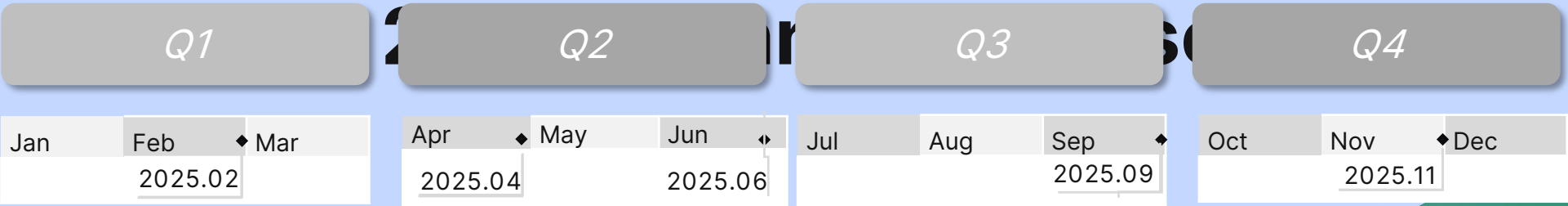
The MSSQLOLEDBSQL Version 18 is also working, but it will not be installed automatically.

When Beas is starting, it checks for the available drivers and uses the following order to connect to the database:

- MSOLEDBSQL Version 19
- MSOLEDBSQL Version 18
- ODBC

If, for any reason, there is a problem with the driver that Beas chose automatically, the user can set one of the 3 drivers manually in the beas.ini file (located in folder ...programdata\beas\)

In area [CONNECT] add SQLDRIVER= with one of these values : MSOLEDBSQL19 or MSOLEDBSQL or ODBC] .



This is the current state of planning and may be changed by Boyum IT Solutions at any time.



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Spain

- Boyum IT Solutions Spain S.L.

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Bulgaria

- Paperflow Service Center