

Blue Ant


Update Information 23.5



Dear Users,

In this document you will find an overview of new functions and function extensions that are available to you with Blue Ant version 23.5. The most important new features are:

- New widget for approving absence requests (page 4)
- New widget for approving reservation requests (page 5)
- Periodic key figures in resource tables and the resource widget (page 9)

 **Support for the following modules will end as of version 24.0 (LTS version 2024):**

- Exchange Synchronizer
- Service assignments
- Reservation plans

If you have any questions or suggestions, please let us know via the Blue Ant support page (at blueant.de).

Wishing you success in your project work with Blue Ant

Your Blue Ant Team

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1. Dashboards

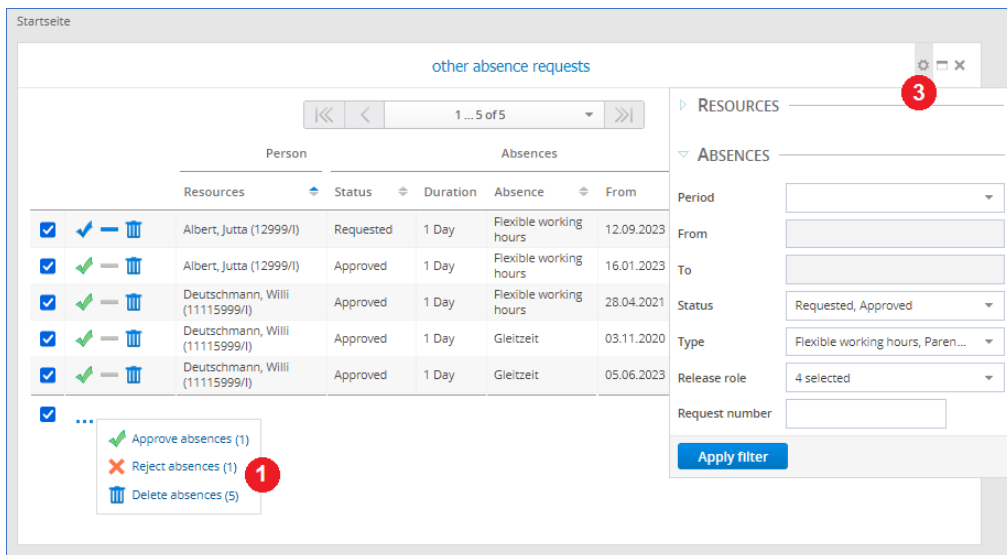
"Absence requests" widget

For the approval of absences, we provide you with the new **Absence requests** widget on the dashboards. The listed absence requests are based on the release roles of the logged-in user and correspond to those of the RELEASES / ABSENCES screen.

The following additional functions are available in addition to the screen:

- **Multiple editing** via the footer of the table (1):
 - Approve absences
 - Reject absences
 - Delete absences
- Display additional information for each absence using the **Column configuration**:
 - Resource information
 - Resource's leave statistics in the current calendar year (2)
- Enhanced filter options (3)
- A summary of the request and the editor responsible are displayed when hovering over the absence columns (4).

The widget can be added to a view as often as required. This makes it possible to display different configurations in parallel.



Person		Absences			
Resources	Status	Duration	Absence	From	
Albert, Jutta (12999/I)	Requested	1 Day	Flexible working hours	12.09.2023	
Albert, Jutta (12999/I)	Approved	1 Day	Flexible working hours	16.01.2023	
Deutschmann, Willi (11115999/I)	Approved	1 Day	Flexible working hours	28.04.2021	
Deutschmann, Willi (11115999/I)	Approved	1 Day	Gleitzeit	03.11.2020	
Deutschmann, Willi (11115999/I)	Approved	1 Day	Gleitzeit	05.06.2023	

Multiple processing and filtering of absence requests

Start page

Leave requests (with statistics)

1 ... 2 of 2

Person		Absences			Leave		
Resources	From	To	Duration	Total	Approved	Remainder	
<input type="checkbox"/> ✓ - [trash]	Albert, Jutta (12999/I)	21.12.2022	21.12.2022	1 Day	24	14	10
<input type="checkbox"/> ✓ - [trash]	Deutschmann, Willi (11115999/I)	03.11.2023	03.11.2023	1 Day	30	0	30

Name: Deutschmann, Willi (11115999/I)

Absence type: Leave

Duration: 03.11.2023 - 03.11.2023 (1 Day)

Application: Application number 1286 of 07.11.2023

Editing status: Requested

Editing status	Date	Editor	Affected projects
Requested		Mooshammer, Klaus (39999/I)	

Leave requests with statistics and processing status

Data protection

This widget is not initially available for selection as it may contain sensitive data. The administrator must therefore authorise its use via the rights system. The widget is available on the following dashboards:

- START PAGE
- PROJECTS / DASHBOARD
- PORTFOLIO / DASHBOARD
- PROGRAM / DASHBOARD

"Reservation requests" widget

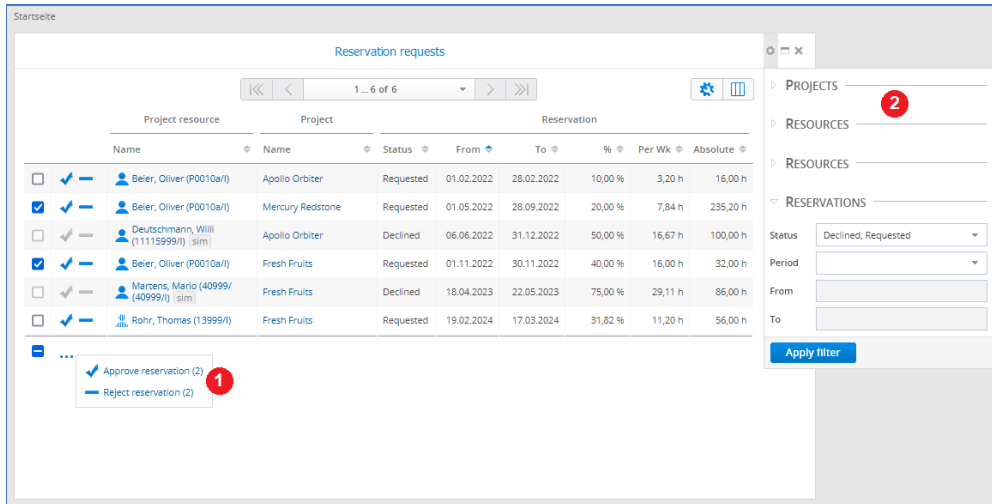
For the approval of reservations, we provide you with the new **Reservation requests** widget on the dashboards. The reservation requests listed correspond to those on the RELEASES / RESOURCES screen.

The following additional functions are available in addition to the screen:

- **Multiple editing** via the footer of the table (1):
 - Approve reservations
 - Reject reservations
- Display additional information for each reservation request via the **Column configuration**:
 - Resource information (including individual fields)
 - Project information (including individual fields and dashboards)
 - Information on project resources (including individual fields)

- Extended filter options (2)

The widget can be added to a view as often as required. This makes it possible to display different configurations in parallel.



Project resource		Project	Reservation					
Name	Name	Status	From	To	%	Per Wk	Absolute	
<input type="checkbox"/>	Beier, Oliver (P0010a/I)	Apollo Orbiter	Requested	01.02.2022	28.02.2022	10,00 %	3,20 h	16,00 h
<input checked="" type="checkbox"/>	Beier, Oliver (P0010a/I)	Mercury Redstone	Requested	01.05.2022	28.09.2022	20,00 %	7,84 h	235,20 h
<input type="checkbox"/>	Deutschmann, Willi (11115999/I) sim	Apollo Orbiter	Declined	06.06.2022	31.12.2022	50,00 %	16,67 h	100,00 h
<input checked="" type="checkbox"/>	Beier, Oliver (P0010a/I)	Fresh Fruits	Requested	01.11.2022	30.11.2022	40,00 %	16,00 h	32,00 h
<input type="checkbox"/>	Martens, Mario (40999/409999/I) sim	Fresh Fruits	Declined	18.04.2023	22.05.2023	75,00 %	29,11 h	86,00 h
<input type="checkbox"/>	Rohr, Thomas (13999/I)	Fresh Fruits	Requested	19.02.2024	17.03.2024	31,82 %	11,20 h	56,00 h

Multiple processing and filtering of reservation requests

Data protection

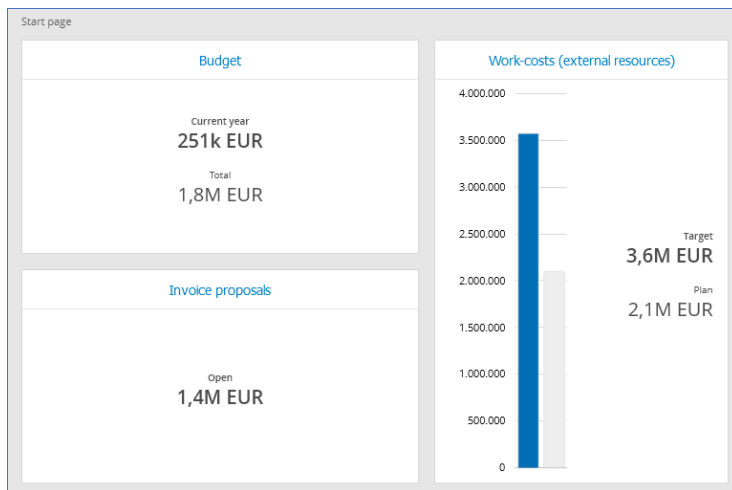
This widget is not initially available for selection as it may contain sensitive data. The administrator must therefore authorise its use via the rights system. The widget is available on the following dashboards:

- START PAGE
- PROJECTS / DASHBOARD
- PORTFOLIO / DASHBOARD
- PROGRAM / DASHBOARD

Decimal place in the "Controlling key figures" widget

The **Controlling key figures** widget currently displays figures over **1 million** without decimal places. It was therefore previously not clear whether the value was **1.2** or **1.7 million**, for example. In number ranges above 1 million, **one** decimal place is now displayed for key figures:

- 1,000,000 <= x < 10,000,000
 - Example: 3.4M (previously: 3M)
- 1,000,000,000 <= x < 10,000,000,000
 - Example: 1.1B (previously: 1B)
- 1,000,000,000,000 <= x < 10,000,000,000,000
 - Example: 9.8T (previously: 9T)



Decimal place in numbers over 1 million

- 💡 The decimal separator is defined in the user's personal settings.

2. Projects

Conflict message in activity planning adjusted

The notification of conflicts in project planning has been optimised. The number of different conflict categories is now displayed directly in the notification message. If you hide a category, **new** conflicts in this category are still counted and displayed in the notification.

Projects » Planning » Project plan

! The plan contains 9 conflicts, 60 warnings and 763 absence information. [Click here to edit.](#)

Fahrion

Activities | Gantt | Network plan | Work breakdown structure

		Work plan			
		€	⌘	👤	Activity
No.	Activity				
1	Start				
2	+ Vorbereitung	0,00	5,00	5,00	5,00
3	Go?				
4	+ Modul 1	6,25	49,13	55,38	55,38
5	+ Modul 2	0,00	45,00	10,00	45,00
	<i>Double-click for new activity</i>				0,00
Total		6,25	99,13	70,38	105,38

Breakdown of conflicts into categories

3. Resource management

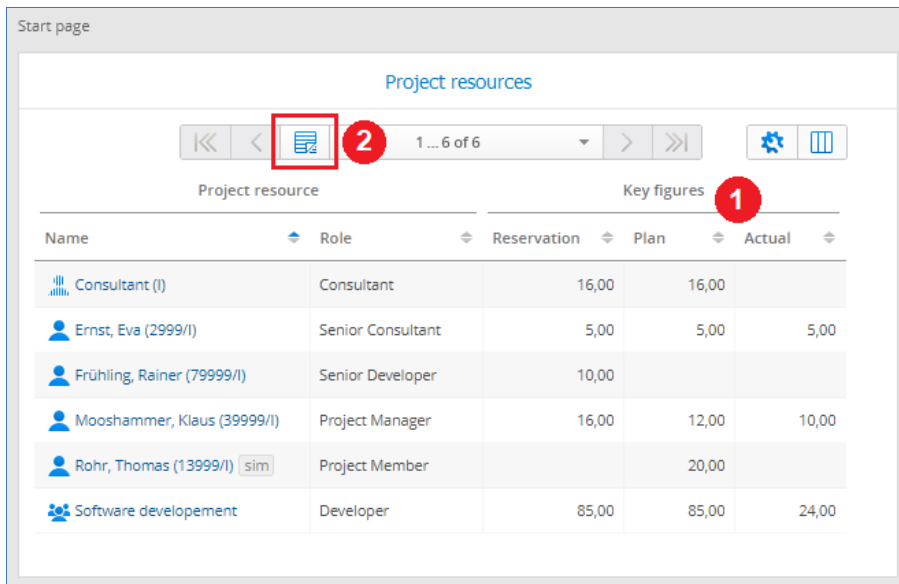
Periodic key figures in resource tables

The **Project resource table** has been expanded to include utilization-specific information (**Key figures**). You can add the following key figures **(1)** to your views via the **Column configuration**:

- Net target I
- Plan-relevant absences
- Availability
- Reservation
- Plan
- Actual
- Remaining availability (based on reservation)
- Remaining availability (based on plan)
- Completion report (calendar week)

The key figures are available for the entire project period and as periodic values.

You can now scroll through the table page by page or period. Use the new paging element **(2)** to switch between the two variants.



The screenshot shows a table titled "Project resources" with columns for "Project resource" and "Key figures". The "Key figures" section includes "Reservation", "Plan", and "Actual". A new paging element (2) is highlighted in the top navigation bar, and a red circle (1) highlights the "Key figures" column header.

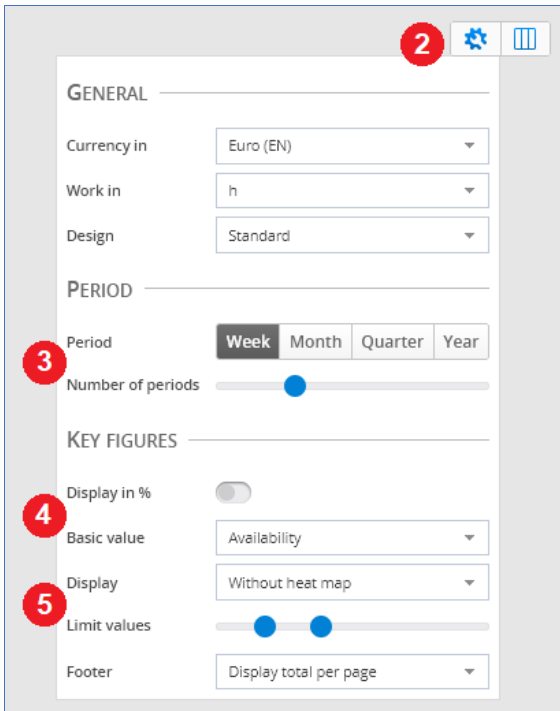
Project resource		Key figures		
Name	Role	Reservation	Plan	Actual
Consultant (I)	Consultant	16,00	16,00	
Ernst, Eva (2999/I)	Senior Consultant	5,00	5,00	5,00
Frühling, Rainer (79999/I)	Senior Developer	10,00		
Mooshammer, Klaus (39999/I)	Project Manager	16,00	12,00	10,00
Rohr, Thomas (13999/I) <small>sim</small>	Project Member		20,00	
Software development	Developer	85,00	85,00	24,00

Display of key figures over the project period

You can configure numerous options for the key figures via the table properties **(2)**:

- **Period:** Select the interval of the periods: Week, Month, Quarter or Year. **(3)**
- **Number of periods:** Select the number of visible periods. **(3)**

- **Percentage display:** When activated, all key figures are now displayed as a percentage value instead of in h or MD. (4)
- **Basic value:** Basis for the calculation of percentage values. This value is taken into account in the display as a percentage and as a heat map. (4)
- **Display:** Select the entry **With heat map** so that the key figures are highlighted in colour (green, yellow, red). (5)
- **Threshold value:** Define the threshold values for the colour display of the heat map. The selected basic value serves as a reference value. (5)



The screenshot shows a configuration window with the following settings:

- GENERAL:** Currency in: Euro (EN); Work in: h; Design: Standard.
- PERIOD:** Period: Week; Number of periods: 1.
- KEY FIGURES:** Display in %: Off; Basic value: Availability; Display: Without heat map; Limit values: Two sliders are visible.
- Footer:** Display total per page.

Configuration of key figures and periods

The display period then results from the start period (6) and the selected number of periods.

Startseite

Project resources

Wk 9 2024

Project resource

Name	Reservation	Reservation	Reservation	Reservation
Albert, Jutta (12999/I)	10,00	20,00	40,00	25,00
Beier, Oliver (P0010a/I)	15,00	15,00	15,00	30,00
Deutschmann, Willi (11115999/I)	10,00	15,00	15,00	15,00
Martens, Mario (40999/I)	25,00	25,00	20,00	10,00
Mooshammer, Klaus (39999/I)	10,00	10,00	10,00	15,00
Rohr, Thomas (13999/I)	35,00	30,00	15,00	10,00

Periodic display of reservations as a heat map

Start page

Project resources

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Project resource

Name	Actual	Actual	Actual	Actual
Albert, Jutta (12999/I)	40,00 ✓	42,00 ✓	30,00	16,00
Beier, Oliver (P0010a/I)	20,00 ✓	20,00 ✓	20,00 ✓	20,00 ✓
Deutschmann, Willi (11115999/I)	35,00 ✓	35,00 ✓	24,00	
Martens, Mario (40999/I)		10,00		
Mooshammer, Klaus (39999/I)	40,00 ✓	40,00 ✓	40,00 ✓	40,00 ✓
Rohr, Thomas (13999/I)	12,00		16,00 ✓	16,00 ✓

Periodic display of actual values and completion reports (calendar week)

The new key figure columns are available:

- in the **Project resources** dashboard (table) widget
- PROJECTS / PLANNING / RESOURCES under PROJECTS / PLANNING / RESOURCES

💡 The maximum data period corresponds to the information configured under **ADMINISTRATION / CUSTOMIZING / SYSTEM / BATCH RUNS & PERIODS** in the "Periods" tab. For more extensive analyses, you can also use screens such as **RESOURCES / UTILIZATION** or **PROJECTS / CONTROLLING / UTILIZATION**.

4. Receipts

New column "Activity"

To make it easier to understand the assignment of a **Combined receipt** to the respective activities, we have integrated the **Activity** column in the following screens:

- MY DATA / RECEIPT RECORDING / COMBINED RECEIPTS
- RELEASES / TRAVEL & RECEIPTS / RECEIPTS / COMBINED RECEIPTS
- MANAGEMENT / TRAVEL & RECEIPTS / RECEIPTS / COMBINED RECEIPTS

5. Interfaces

Cost centre number in REST API for projects

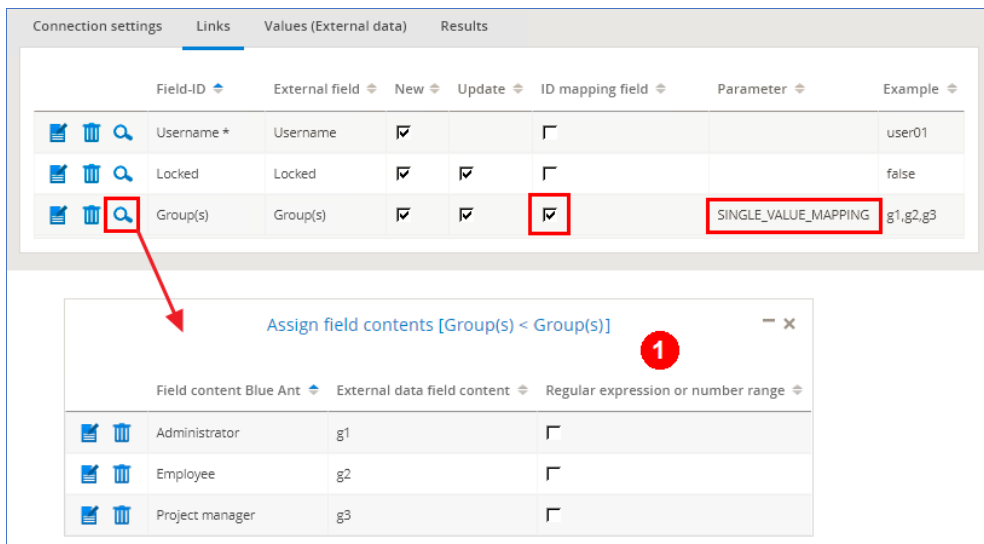
When accessing project data, the cost centre number was previously not displayed; this could only be determined using the assigned company division. Now the cost centre number is output as *costCentreNumber* in the response of a project */v1/projects*. The cost centre number is only output if it is stored directly in the company division.

- 💡 It is not possible to change this number via the "REST API" in the "Projects" area; this is only possible via the master data endpoints.

Field content mapping extended

The field content mapping between Blue Ant and external data has been extended for connectors (1). Previously, this field content mapping did not work if the selected connection type provided the external data value as a separator-separated string (2). This use case is now supported.

To do this, enter the value *SINGLE_VALUE_MAPPING* in the **Parameter** column of the field's link settings. This parameter ensures that each value is considered individually via the field content mapping.



Field-ID	External field	New	Update	ID mapping field	Parameter	Example
Username *	Username	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		user01
Locked	Locked	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		false
Group(s)	Group(s)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SINGLE_VALUE_MAPPING	g1,g2,g3

Field content Blue Ant	External data field content	Regular expression or number range
Administrator	g1	<input type="checkbox"/>
Employee	g2	<input type="checkbox"/>
Project manager	g3	<input type="checkbox"/>

Field content mapping between Blue Ant and external data

Connection settings		Links		Values (External data)	Results		
				<< < 1 ... 1 of 1 > >> 2			
ID	Username	Locked	Groups	License	MA number	Password	Language
001	user01	false	g1,g2,g3	2	39999	123456	de_DE

External data values as separator-separated character string

User connector extended by alias

Alias can now also be synchronised with the user connector. An alias is specified as free text (**Sync type=Text/Name**). If several aliases are assigned to a user in the external data, you must use the **Parameter delimiter=** with the separator.

- 💡 Please note that aliases can only be added by default and cannot be changed or deleted. To delete existing aliases, also specify the *deleteAlias* parameter. If this parameter is used, all aliases that are *not* contained in the external data are deleted.

Extension of the "Status reports" dataset

The **Project status reports** dataset currently only ever provides one report in the **Open** status. This meant that the dataset could not be used to analyse how many reports were not submitted in the past. You can now also use the *show_all_open* dataset parameter to output all open reports in the history. The standard functionality remains unchanged, i.e. by default (*show_all_open = false*) the dataset still only provides one open (currently due) report.