



Blue Ant
Update Information 26.1

Dear users,

This document provides an overview of the new functions and functional enhancements available to you with Blue Ant version **26.1**.

With **Smart Projects** (page **4**), artificial intelligence is integrated directly into the Blue Ant user interface for the first time. Users can assess and analyse projects, portfolios, programmes and resources using freely configurable analysis templates. Based on the information available in Blue Ant, the AI creates structured analyses, management summaries and specific recommendations for action. This makes it easier to identify complex relationships, make better-informed decisions and efficiently support recurring analysis tasks.

We are also expanding the MCP integration to include powerful write functions. In addition to analysing project data, AI agents such as ChatGPT or Claude can now use **AI Connect Actions** (page **8**) to create and edit projects and activities and manage relationships between objects.

Version 26.1 also includes further enhancements, including:

- New **Project distribution** dashboard widget (page **11**)
- Optimised ToDo-based completion calculation (page **13**)
- Enhancements in the **XRechnung** area (page **16**)
- **REST interface** enhancements (page **17**)

Important note:

The **BIRT Runtime** in Blue Ant has been updated to version **4.24**. The new BIRT version includes **significant changes** to BIRT's internal scripting engine. As a result, errors may occur when reports are called if they use **JavaScript functions** that are no longer supported. We therefore recommend checking your BIRT reports in this regard as part of the Blue Ant update. (page **17**)

Should you have any questions or suggestions, we look forward to receiving your feedback at blueant.de.

The Blue Ant team wishes you every success with your project work.

Your Blue Ant Team

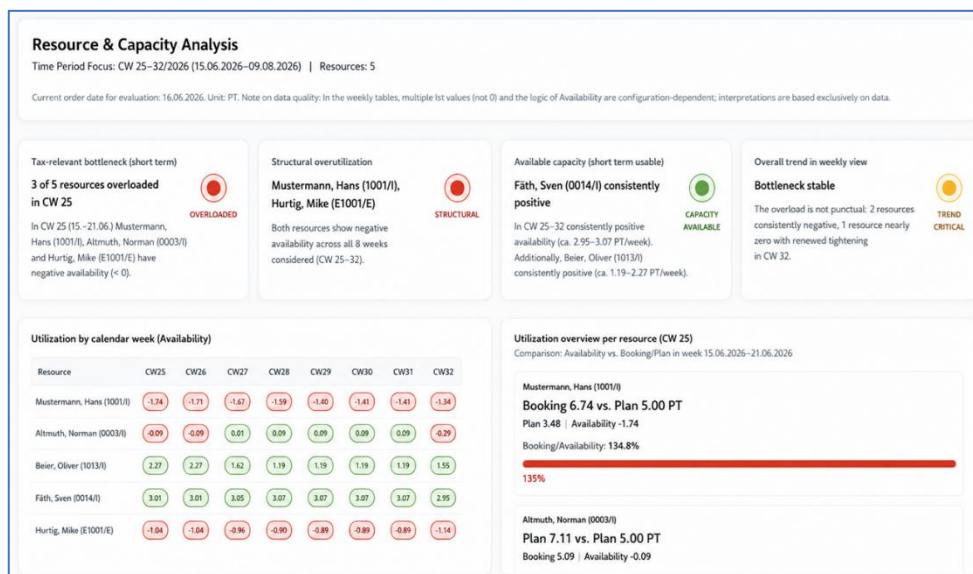
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1. Smart Projects - AI-supported project analyses and evaluations

With **Smart Projects**, Blue Ant integrates artificial intelligence directly into project work. Users can automatically analyse and assess projects, portfolios, programmes and resources using freely configurable analysis templates. Based on the available project data, the AI creates structured analyses, management summaries and well-founded recommendations for action - directly within Blue Ant.

- Blue Ant provides only the technical integration with supported AI services.
- The customer decides which AI service to use and provides the required access credentials (API key).
- AI requests are processed by the AI service configured by the customer.
- Blue Ant stores information about AI requests to ensure traceability of usage, support error analysis, monitor usage quotas and evaluate token consumption.
- Before use, the customer is responsible for verifying that the selected AI service complies with internal company requirements and applicable data protection requirements.



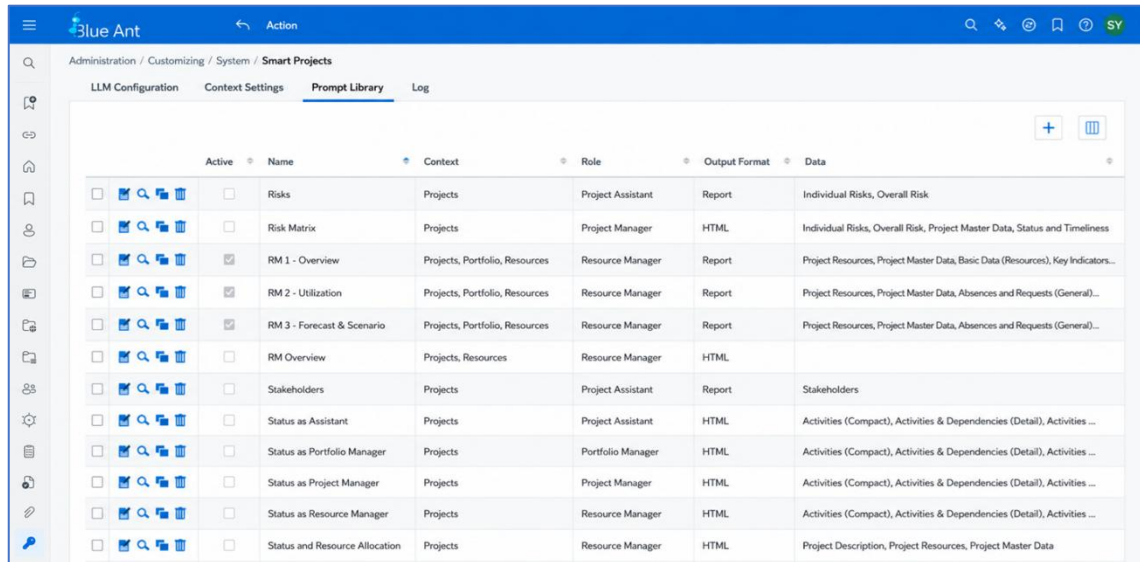
Example of an AI-generated report in the “Report” format

Administrators can connect Smart Projects to the language models used in their company and manage their use centrally. This makes it possible to integrate existing AI services seamlessly into Blue Ant and use them for project-related analyses, evaluations and assessments.

A particular focus is placed on the domain-specific adaptability of the AI. Companies can store their own evaluation approaches, terminology and framework conditions so that analyses and evaluations meet their individual requirements and project management standards. Various evaluation models and freely definable contextual information are available for this purpose and are taken into account when generating results.

Prompt library

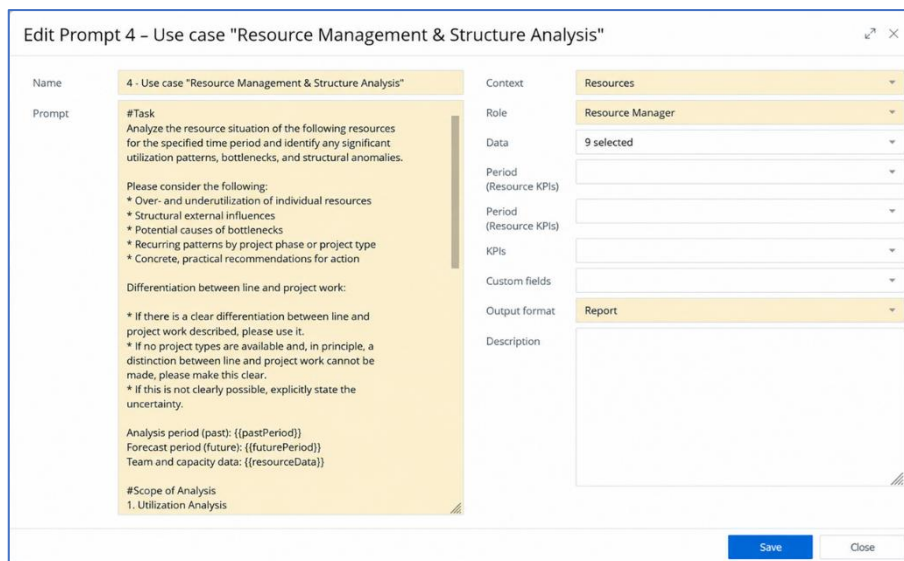
The new **prompt library** can be used to define and centrally manage standardised use cases for different questions. The task, the evaluation perspective, the data used, the desired output format and the areas of use within Blue Ant can all be specified. This standardises recurring analyses, establishes best practices within the company and improves the quality of the results.



The screenshot shows the Blue Ant interface with the 'Prompt Library' tab selected. It displays a table with columns: Active, Name, Context, Role, Output Format, and Data. The table lists various prompts for different roles and contexts, such as 'Risks', 'Risk Matrix', and 'RM 1 - Overview'.

Active	Name	Context	Role	Output Format	Data
☐	Risks	Projects	Project Assistant	Report	Individual Risks, Overall Risk
☐	Risk Matrix	Projects	Project Manager	HTML	Individual Risks, Overall Risk, Project Master Data, Status and Timeliness
☒	RM 1 - Overview	Projects, Portfolio, Resources	Resource Manager	Report	Project Resources, Project Master Data, Basic Data (Resources), Key Indicators...
☒	RM 2 - Utilization	Projects, Portfolio, Resources	Resource Manager	Report	Project Resources, Project Master Data, Absences and Requests (General)...
☒	RM 3 - Forecast & Scenario	Projects, Portfolio, Resources	Resource Manager	Report	Project Resources, Project Master Data, Absences and Requests (General)...
☐	RM Overview	Projects, Resources	Resource Manager	HTML	
☐	Stakeholders	Projects	Project Assistant	Report	Stakeholders
☐	Status as Assistant	Projects	Project Assistant	HTML	Activities (Compact), Activities & Dependencies (Detail), Activities ...
☐	Status as Portfolio Manager	Projects	Portfolio Manager	HTML	Activities (Compact), Activities & Dependencies (Detail), Activities ...
☐	Status as Project Manager	Projects	Project Manager	HTML	Activities (Compact), Activities & Dependencies (Detail), Activities ...
☐	Status as Resource Manager	Projects	Resource Manager	HTML	Activities (Compact), Activities & Dependencies (Detail), Activities ...
☐	Status and Resource Allocation	Projects	Resource Manager	HTML	Project Description, Project Resources, Project Master Data

Overview of prompts in the prompt library



The screenshot shows the 'Edit Prompt' dialog box for the prompt '4 - Use case "Resource Management & Structure Analysis"'. The dialog has fields for Name, Context, Role, Data, Period (Resource KPIs), Period (Resource KPIs), KPIs, Custom fields, Output format, and Description. The prompt text is visible in the main area.

Edit Prompt 4 - Use case "Resource Management & Structure Analysis"

Name: 4 - Use case "Resource Management & Structure Analysis"

Context: Resources

Role: Resource Manager

Data: 9 selected

Period (Resource KPIs):

Period (Resource KPIs):

KPIs:

Custom fields:

Output format: Report

Description:

#Task
Analyze the resource situation of the following resources for the specified time period and identify any significant utilization patterns, bottlenecks, and structural anomalies.

Please consider the following:

- * Over- and underutilization of individual resources
- * Structural external influences
- * Potential causes of bottlenecks
- * Recurring patterns by project phase or project type
- * Concrete, practical recommendations for action

Differentiation between line and project work:

- * If there is a clear differentiation between line and project work described, please use it.
- * If no project types are available and, in principle, a distinction between line and project work cannot be made, please make this clear.
- * If this is not clearly possible, explicitly state the uncertainty.

Analysis period (past): {{pastPeriod}}
Forecast period (future): {{futurePeriod}}
Team and capacity data: {{resourceData}}

#Scope of Analysis
1. Utilization Analysis

Save Close

Editing a prompt in the prompt library

Usage quota and logs

The option to configure a **usage quota** and an integrated **log** also make AI usage traceable and support the analysis of usage patterns and the monitoring of resource consumption.

Administration / Customizing / System / Smart Projects

LLM Configuration Context Settings Prompt Library Log

Model Selection

Default Model: gpt-5-mini

Model for Smart Projects: gpt-5-mini

Model for Writing Tools: gpt-5-mini

Model Parameters

Temperature: 1

Top-P:

Time Limit (Sec.): 300

Token Quota

Quota Period: Month

Total Quota: 5,000,000

Tokens Already Used: Since 01.06.26, 00:00, 4,076,612 tokens have been used (82 %).

Quota per User:

Users without Quota Limit:

Save Test

Configuration of language models and the usage quota

Administration / Customizing / System / Smart Projects

LLM Configuration Context Settings Prompt Library Log

Current Week Current Month

Time Period: Current Week From: 06/08/2026 To: 06/14/2026

Search

1 ... 10 of 30

Time	User	Employee Name	Use Case	Input Tokens	Cached Tokens	Output Tokens	Reasoning Tokens	Total Tokens	Duration	Model	Provider
06/12/2026 07:54	mustermann	Mustermann, Hans (10016)	Evaluate Project Status	21,689	0	3,533	0	25,222	53.4 s	gpt-5.2	openai
06/12/2026 07:48	mustermann	Mustermann, Hans (10016)	DK_Resource	66,863	0	4,112	0	70,975	52.7 s	gpt-5.2	openai
06/12/2026 07:42	mustermann	Mustermann, Hans (10016)	Evaluate Resource Allocation	66,866	0	5,403	0	72,269	1.1 min	gpt-5.2	openai
06/12/2026 07:40	mustermann	Mustermann, Hans (10016)	DK_Resource	66,931	2,688	3,119	0	70,050	40.2 s	gpt-5.2	openai
06/12/2026 07:38	mustermann	Mustermann, Hans (10016)	Utilization	47,269	5,760	4,852	0	51,921	1.2 min	gpt-5.2	openai
06/12/2026 07:36	mustermann	Mustermann, Hans (10016)	Status and Timeliness	4,308	0	1,870	0	6,178	25.0 s	gpt-5.2	openai
06/12/2026 07:36	mustermann	Mustermann, Hans (10016)	Utilization	47,278	0	4,173	0	51,451	1.1 min	gpt-5.2	openai
06/12/2026 07:35	mustermann	Mustermann, Hans (10016)	Evaluate Resource Allocation	66,845	0	2,350	0	69,195	35.0 s	gpt-5.2	openai
06/12/2026 13:36	mustermann	Mustermann, Hans (10016)	Evaluate Resource Allocation	28,201	0	3,772	0	29,973	54.4 s	gpt-5.2	openai
06/09/2026 14:31	mustermann	Mustermann, Hans (10016)	Team Overview	31,481	0	687	0	32,148	13.6 s	gpt-5.2	openai
				698,907	41,856	76,150	0	775,107			

Log for analysing AI usage

AI-supported text actions

The following AI-supported text actions are now available in **standard WYSIWYG fields** and in custom fields of the **Memo field with WYSIWYG editor** type:

- Summarize
- Bullet Points
- Convert Bullets to Text
- Convert Bullets to Text
- Spell Check
- Translate

The screenshot displays the 'Smart Projects' interface within a 'Projects / Scoring & Strategy' context. The 'Thematic Structuring' tab is active, showing a form for assigning a project to a thematic cluster and justifying the assessment. The 'Cluster Assignment' dropdown is set to 'Innovation'. The 'Cluster Justification' text area contains the text 'AI support in project, portfolio and resource management'. A context menu is open over the text area, listing the following AI-supported text actions: Summarize, Bullet Points, Convert Bullets to Text, Professional Rephrasing, Spell Check, and Translate. The 'Save' button is visible at the bottom left of the form. The interface also includes sections for 'Linked Projects', 'Urgency', 'Importance', 'Process Assignment', and 'Product Assignment'.

AI-supported text actions in a custom screen

New custom-field type for AI support

A new field type, **Memo field with AI support**, has been added to custom fields. A prompt from the respective context can be assigned to this field and then executed directly from the field. This allows content, for example for status reports or project documentation, to be created or revised quickly and conveniently with AI support.

2. AI Connect Actions

With this version, we are expanding the MCP integration to include powerful write functions. In addition to analysing project data, AI agents (e.g. ChatGPT or Claude) can now create and edit projects and activities and manage relationships between objects.

The new capabilities include:

- Creating new projects and activities
- Adding resources to projects
- Assigning resources to and removing resources from activities
- Changing the project status
- Managing predecessor and successor relationships between activities

New MCP tools

Creating entities

The following tools can be used to create new objects in Blue Ant:

- `Create_a_new_project`
- `Create_a_project_resource`
- `Create_a_planning_entry`

Each tool creates a new object with its own ID.

Modifying entities

The following tools can be used to update existing objects:

- `Update_an_existing_project`
- `Update_a_project_resource`
- `Update_a_planning_entry`
- `Remove_a_planning_entry_by_id`
- `Change_the_project_status`

Existing projects, resources or activities can be modified selectively.

Managing relationships between entities

These tools can be used to manage relationships between project resources and activities:

- `Assign_project_resources`
- `Remove_a_project_resource_assignment`

No new business objects are created; instead, existing assignments are created or removed.

Managing dependencies between activities

Predecessor and successor relationships between activities can now also be defined or changed via the MCP interface.

This allows project plans to be fully structured and maintained through an AI agent.

Change log for MCP actions

A change log has been introduced to provide a traceable record of all write operations performed via MCP.

Whenever projects or activities are created or updated:

- **MCP Request** is stored as the source,
- the Blue Ant user used is logged as the editor.

You can find the change log:

- for projects, via the toolbar in the master data sheet
- for activities, via the toolbar in the project plan

The following project data is logged, among other information; a complete list is available in the help:

- Project name
- Project number
- Project start
- Project end
- Project type
- Custom fields of all data types

The following activity properties, among others, are logged; a complete list is available in the Help:

- Name/description
- Type
- Effort
- Limitation
- Custom fields of all data types

If required, entries can be deleted directly in the relevant change log. If they are not removed manually, they will be deleted at the latest when the project is deleted.

Optimised data transfer

To optimise data processing by AI agents, the MCP tools now allow the response, or the scope of the returned data, to be limited specifically to the information actually required. If no restrictions are specified, Blue Ant continues to return all available properties of the respective entity, as before.

Selecting only the required fields offers the following benefits, among others:

- Reduced volume of transferred data
- Faster processing by AI agents
- Lower token consumption by large language models (LLMs)
- More efficient execution of complex automations and workflows

This function is particularly suitable for use cases in which only selected properties of an entity (projects and activities) are required for further processing.

Data protection and permissions

For MCP tools involving sensitive data (employees, absences and organisational units), data access is now restricted according to the permissions of the Blue Ant user being used.

This applies exclusively to requests via the MCP interface.

The previous behaviour remains unchanged for the REST API; the corresponding endpoints continue not to be subject to any additional permission checks there.

Benefits for you

With this enhancement, the MCP connection evolves from a purely informational interface into a powerful integration platform for AI agents. Projects can not only be analysed, but also created, maintained and structured directly.

By limiting responses specifically to the information required, AI agents work more efficiently and use fewer resources. This reduces the amount of transferred data and token consumption and improves performance when processing your project data.

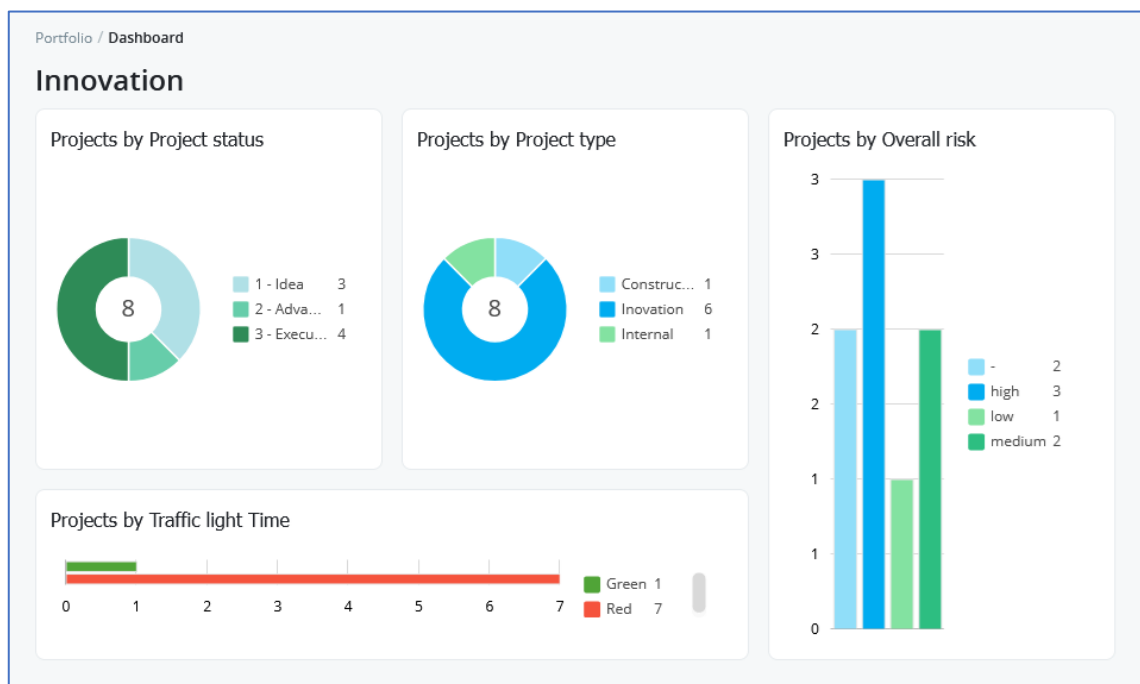
At the same time, the new change log and enhanced permission checks ensure transparency, traceability and secure handling of sensitive data. This provides the basis for the productive and controlled use of AI agents in your project processes.

3. Dashboards

New dashboard widget: Project distribution

The new **Project distribution** dashboard widget provides a graphical analysis of projects based on selected master data. The distribution can be displayed as either a **doughnut chart** or a **bar chart** and provides a quick overview of the composition of the project portfolio.

Various project attributes can be used as evaluation criteria, for example **status**, **project type**, **project manager**, **client** or other master data. The widget is particularly suitable for visualising the project structure and identifying focus areas and imbalances in the portfolio.



Different content and display formats with the new widget

4. Projects

Editing custom fields from the “Project” context in status reports

With this version, custom fields from the Project context can be edited directly in the status report. This allows project-related information to be updated while creating the status report, without having to switch to the project master data.

After the update, all custom project fields are editable by default. If editing of individual fields is to be restricted, the **entity-based** permissions can be configured accordingly.

Configuration for use

The following requirements continue to apply for custom project fields to be used and evaluated in the status report:

- The fields must be assigned to the status report screen.
- The *Use for evaluations field* property must be enabled.

If a custom field from the Project context is assigned to a status report, the *Use for evaluations* property cannot be changed for as long as this assignment exists.

Benefits for you

Editing project-related information is integrated directly into the status reporting process. This reduces discontinuities between systems, simplifies the maintenance of relevant project data and ensures that information can be updated where it is actually needed in day-to-day work. Entity-based permissions give administrators full control at all times over which fields may be edited.

Optimised ToDo-based completion calculation

With this version, the calculation of completion for activities, summary activities and milestones for the **Determine actual percent complete using ToDos** option has been fundamentally revised. The aim of the changes is to determine actual project progress more consistently and transparently.

The calculation will now be based consistently on the processing status of the assigned ToDos and has been standardised in several areas.

Calculating completion for activities

Previously, completion was calculated based on all activities at a level, regardless of whether ToDos were assigned to an activity. The completion rate was calculated as the average of the completion values of all activities.

Summary activities are fully taken into account

The completion of a summary activity takes into account all ToDos within its hierarchy: both the ToDos of its sub-activities and those assigned directly to the summary activity. This provides a more complete picture of the actual processing status and prevents a summary activity from being considered complete while it still has open tasks assigned to it.

No.	Activity	ToDos	Actual completion (%)	Comment
1	Summary 1	9 / 18	50	The 6 ToDos assigned to the summary activity are also included in the calculation.
1.1	Sub-activity A	1 / 4	25	
1.2	Sub-activity B	4 / 8	50	
	Total	9 / 18	50 % = 9 / 18 × 100	

Even if all sub-activities have already been completed, the summary activity may still have a completion rate below 100% if it has open ToDos assigned directly to it.

No.	Activity	ToDos	Actual completion (%)	Comment
1	Summary 1	16 / 18	88,89	2 of the 6 ToDos assigned to the summary activity are still open.
1.1	Sub-activity A	4 / 4	100	
1.2	Sub-activity B	8 / 8	100	
	Total	16 / 18	88,89 % = 16 / 18 × 100	

Consistent treatment of milestones

The calculation of milestone completion has been standardised with this version.

Previously, milestones were only taken into account to a limited extent. Firstly, they could only have a completion rate of 0% or 100%. Secondly, their ToDos were only included in the calculation of overall completion if the milestone was located below a summary activity.

With the new calculation logic, a milestone's ToDos are taken into account regardless of its position in the project plan. As with activities and summary activities, completion is calculated directly from the ratio of completed to open ToDos.

No.	Activity	ToDos	Actual completion (%)	Comment
1	Summary 1	9 / 18	50	
1.1	Sub-activity A	1 / 4	25	
1.2	Sub-activity B	4 / 8	50	
2	Milestone	1 / 3	33	The milestone completion is calculated based on the ToDos.
	Total	10 / 21	47,61 % = 10 / 21 × 100	The milestone's ToDos are fully included in the calculation.

Permission to delete ToDos

The permission to **delete** a ToDo in the table view under PROJECTS / TODOS can now be controlled by an explicit permission.

“Access to” when creating projects and in the project master data sheet

When creating and editing projects, all organisational units in the organisation chart are now available for selection as the project organisational unit.

Previously, the selection of the organisational unit was restricted by the **Access to** setting in the employee master data. This restriction has been removed for the project organisational unit.

This change affects the following functions:

- PROJECTS / CREATE PROJECT: Project division
- PROJECTS / CREATE TEMPLATE: Project division
- PROJECTS / MASTER DATA SHEET / CREATE SUBPROJECT: Project division
- PROJECTS / MASTER DATA SHEET, Basic data tab: Project division

Current view in the detailed view for costs and investments

Under PROJECTS / REPORTING / COSTS/ INVESTMENTS / DETAIL, the data can now be exported as the **Current view** in the standard formats (HTML, CSV, PDF).

5. Resources

Filter enhanced with “Values” and “Display”

In utilisation screens, the data can now be filtered by the different **values** (key figures), such as Planned and Actual. In addition, the **display** type (Numeric or Graphical) can be selected during the initial filtering. This applies to the following screens:

- PROJECTS / CONTROLLING / UTILISATION
- MANAGEMENT / RESOURCES/CONTACTS / UTILIZATION
- MY DATA / TIME RECORDING / UTILIZATION

The screenshot shows the 'Genua' filter interface for 'Projects / Controlling / Utilization'. It features a 'Search' button and several filter options:

- Period:** Current year
- Time scale:** By month
- Values:** Availability, Actual (selected)
- Variance between:** Availability (checked), Remaining availability, Reservation, Plan
- Resource:** (empty)
- Project status:** (empty)
- From:** 01.01.2026
- To:** 31.12.2026
- Unit:** All data in MD
- Select absences:** (checkbox)
- and:** (empty)
- Role:** (empty)
- Project type:** (empty)
- Display:** Numerical (selected), Graphical
- Other options:** (empty)
- Overall risk:** (empty)

New options for value filtering and display format

6. XRechnung

Billing period enhancement

To improve the validation of electronic invoices (e.g. ZUGFeRD), the following properties have been added to invoices:

- **BT-73** Billing period start date
- **BT-74** Billing period end date

Logic:

- If the fields are filled when the invoice is issued, the general service period is set on the invoice regardless of the billing type.
- The existing function for service periods on line items remains unchanged.

The fields must be added to the Invoice context as custom fields using the following report IDs:

- E-INVOICE-BT-73
- E-INVOICE-BT-74

A custom prefix for the report ID (e.g. INVOICE_) can be added.

Setup support

If you need help configuring the fields, please contact our Support team or your personal consultant. You can download the updated mapping file from our support area.

7. Interfaces

Upgrade to BIRT 4.24

The **BIRT Runtime** in Blue Ant has been updated to version **4.24**. Reports can continue to be created and edited with the existing Designer (≥ 4.19). To use the latest features of BIRT 4.24, the **BIRT Designer** must be updated to version 4.24 (BIRT download page). The latest version of the **Blue Ant BIRT Eclipse Plugin** can be installed in BIRT Designer using the URL <https://blueant-update-site.blueant.cloud/ba-birt-plugin/26.0/>.

Important note

The new BIRT version includes **significant changes** to BIRT's internal scripting engine. As a result, problems may occur when reports are called if they use **JavaScript functions** that are no longer supported. This may affect, among other things:

- the report layout
- the report data
- manual report calls as well as system-controlled exports (status reports and automatic reports under ADMINISTRATION / CUSTOMISING / SYSTEM / AUTOMATIC REPORTS)

We therefore recommend checking your BIRT reports in this regard as part of the Blue Ant update. For technical questions about the changes, please contact Blue Ant Support (support@blueant.de). If you would like to commission assistance with the necessary adjustments, please contact Mr Semczyszyn (tino.semczyszyn@hypergene.com).

REST interface enhancements

Blue Ant version 26.1 provides new functions in the **REST API**. You can display, record and modify dependencies for projects and activities. It is also now possible to limit the scope of the response for certain services by using parameters.

REST service enhancement: GET projects for retrieving projects

You can already retrieve projects using the `/v1/projects` service. You can now decide whether **dependencies**, i.e. predecessor and successor projects, should be included in the service response.

- **includePredecessorsAndSuccessors=true**

By default, this parameter is disabled and no predecessors or successors are returned.

REST service enhancement: GET projects/planningentries

You can already retrieve a project's activities using the /projects/planningentries service. The new **includePredecessorsAndSuccessors=true** parameter can be used to display the **dependencies of these activities**, i.e. predecessor and successor activities.

By default, this parameter is disabled and no predecessors or successors are returned.

REST service enhancements: projects POST / PATCH / PUT

The services for **creating** (/v1/projects) and **updating** (/v1/projects/{projectId}) **projects** have been enhanced and now allow predecessor and successor project **dependencies to be recorded and edited**.

To create or modify predecessor and successor projects, the **includePredecessorsAndSuccessors=true** parameter must be included in the request.

REST service enhancements: projects/planningentries POST / PATCH / PUT

The services for **creating** (/v1/projects/{projectId}/planningentries) and **updating** (/v1/projects/{projectId}/planningentries/{entryId}) **activities** have been enhanced and now allow predecessor and successor activity **dependencies to be recorded and edited**.

To create or modify predecessor and successor activities, the **includePredecessorsAndSuccessors=true** parameter must be included in the request.

REST service enhancements: GET projects and GET planningentries - includeProperties

To optimise data processing, the REST services for retrieving projects and activities support the **includeProperties** parameter.

This parameter lets you specify which properties of an entity should be included in the response. This makes it possible to restrict the returned data specifically to the information actually required. If no properties are specified, Blue Ant continues to return all available properties of the respective entity, as before.

Resources connector enhancement

When creating resources via the connector, the following fields can now be specified:

- Type of work-time recording
- Daily allowance calculation