

TPG PPP 2.18 EN

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1 PPP Scheduler Changes

This update includes the following changes in this Scheduler components:

- [Scheduler Base](#)  4
- [Scheduler Core](#)  5
- [Scheduler App](#)  5
- [Multi Scheduler](#)  11

1.1 Scheduler Base

This update includes the following changes in Scheduler Base:

- [SharePoint-Based Storage for Project Files](#)  4
- [Bug Fix: Reduced Capacity Record Cleanup and Storage Usage](#)  5

1.1.1 SharePoint-Based Storage for Project Files

A new SharePoint-based storage solution for Microsoft Project (.MPP) files has been introduced. When a new project is created, an MPP file can now be automatically generated from a configured template and stored in a designated SharePoint location.

The project record now includes a link to the stored MPP file, allowing users to quickly open a preview of the file directly from the project. In addition, a new Open Project File action has been added, enabling the associated MPP file to be opened directly in Microsoft Project from within the application.

This enhancement provides easier access to project files, centralizes file storage in SharePoint, and streamlines the process of working with Microsoft Project plans.

1.1.2 Bug Fix: Reduced Capacity Record Cleanup and Storage Usage

Previously, nightly capacity refreshes deleted and recreated all monthly capacity records, which could generate a large number of deleted records and increase Dataverse storage usage, leading to capacity warnings for some customers.

The Capacity per Month flow now updates existing capacity records and only creates or removes records when actual changes occur. This keeps capacity planning data accurate while significantly reducing unnecessary storage consumption and helping to prevent capacity-related warnings

1.2 Scheduler Core

This update includes the following changes in Scheduler Core:

- [SharePoint-Based Storage for Project Files](#)  4
- [Bug Fix: Improved Capacity per Day Processing Stability](#)  5

1.2.1 Bug Fix: Improved Capacity per Day Processing Stability

Previously, the Capacity per Day table could cause errors and unexpected behavior, for example when a resource was being deleted or when the feature was intended to be disabled.

The background process now fully respects the Fill Capacity per Day setting. When the feature is disabled, the process no longer runs or creates data. In addition, if no configuration is available, the feature now defaults to disabled. The configuration handling has also been improved so that missing or empty values correctly fall back to the configured default instead of causing errors.

No action is required for existing customers. Administrators and consultants can control the feature through the Capacity per Day environment setting by configuring *fillCapacityPerDay* as *true* or *false*.

1.3 Scheduler App

This update includes the following changes in Scheduler App:

- [Bug Fix: URI Too Long Error When Loading Projects](#)  6

- Bug Fix: Baseline Modified Date Changes After Changing PM 
- Bug Fix: Scheduler Shows Past Actions in Undo/Redo Buttons 
- Bug Fix: Gantt Chart Variant Task Bars Disappear After Scrolling 
- Bug Fix: Resource Picker Shows Incorrect Effort Values 
- Bug Fix: Baseline Work Updated Without Saving Baseline 
- Upgrade Bryntum Scheduler to v7.3.5 
- Bug Fix: Tasks with Timesheet Entries Can No Longer Be Deleted 
- Simplified Gantt Chart Zoom Levels 
- Bug Fix: Prevent Deletion of Tasks with Timesheet Entries 
- Bug Fix: Resource Picker Issues with Custom Calendars 
- Daily Working Hours Validation for Timesheets 

1.3.1 Bug Fix: URI Too Long Error When Loading Projects

An issue that could cause a "URI Too Long" error when loading projects with more than 100 assignments or 50 inter-project links has been resolved.

Fixed:

- Improved loading of projects with over 100 assignments
- Improved handling of projects with more than 50 inter-project links
- Increased reliability when opening complex project plans

This fix ensures that large projects can be loaded more reliably without encountering URI length limitations.

1.3.2 Bug Fix: Baseline Modified Date Changes After Changing PM

An issue has been fixed where the *Baseline Modified Date* and *Modified By* fields were updated when changing unrelated project details, such as the project manager or project description.

Fixed:

- Changes to project details no longer update baseline modification information.
- Baseline Modified Date and Modified By are now updated only when a baseline is explicitly set through the Scheduler.

This fix ensures that baseline audit information accurately reflects actual baseline changes.

1.3.3 Bug Fix: Scheduler Shows Past Actions in Undo/Redo Buttons

An issue has been fixed where the Undo button could display previously recorded actions after loading or automatically saving project data, even when no user changes had been made.

Fixed:

- Undo and Redo buttons now reflect only actions performed by the current user.
- Previously loaded or automatically saved actions are no longer shown as available undo steps.

This fix provides a more accurate editing experience when working in the Scheduler.

1.3.4 Bug Fix: Gantt Chart Variant Task Bars Disappear After Scrolling

An issue has been fixed where variant task bars could disappear from the Scheduler after scrolling through the task list.

Fixed:

- Variant task bars now remain visible when scrolling
- Improved rendering of variant rows in the Gantt chart

This fix ensures that variant tasks are displayed consistently, providing a more reliable scheduling experience.

1.3.5 Bug Fix: Resource Picker Shows Incorrect Effort Values

An issue has been fixed where the Resource Picker could display incorrect effort values when a task started or ended in the middle of a working day.

Fixed:

- Effort values are now calculated based on the task's actual working time
- Resource calendars are correctly considered during effort calculations
- Partial working days are now handled accurately

This fix ensures that effort values displayed in the Resource Picker more accurately reflect the planned work for a task.

1.3.6 Bug Fix: Baseline Work Updated Without Saving Baseline

An issue has been fixed where Baseline Work was automatically updated when task effort changed, even though the baseline had already been saved.

Fixed:

- Changes to task effort no longer update the saved baseline automatically
- Baseline Work now remains unchanged after a baseline has been created
- Baseline values are updated only when Set Baseline is explicitly executed

This fix ensures that baseline data remains stable and continues to provide a reliable reference for comparing planned and actual project performance.

1.3.7 Upgrade Bryntum Scheduler to v7.3.5

The Scheduler has been upgraded from Bryntum Scheduler 7.3.2 to 7.3.5.

1.3.8 Bug Fix: Tasks with Timesheet Entries Can No Longer Be Deleted

An issue has been fixed where project tasks could be deleted from the Scheduler even when timesheet entries already existed for those tasks.

Fixed:

- Tasks with existing timesheet entries can no longer be deleted from the Scheduler
- The restriction now applies to draft, submitted, and approved timesheet entries

- Task deletion is prevented when related timesheet data exists

This fix helps protect timesheet data integrity by preventing the deletion of tasks that are already referenced by timesheet entries.

1.3.9 Simplified Gantt Chart Zoom Levels

The available zoom levels in the Gantt chart have been streamlined to provide a simpler and more consistent user experience. Unnecessary and lower-performing zoom options have been removed, and the available presets now include Years, Months, Weeks, and Days.

This change makes it easier to navigate project schedules while improving overall performance and usability.

1.3.10 Bug Fix: Prevent Deletion of Tasks with Timesheet Entries

Fixed an issue where project tasks could be deleted from the Scheduler even when timesheet entries already existed. Tasks that have draft, submitted, or approved timesheet entries can no longer be deleted, helping to protect recorded time data and maintain project schedule integrity.

1.3.11 Bug Fix: Resource Picker Issues with Custom Calendars

Fixed an issue in the Resource Picker that could occur when using project calendars with working time settings other than the standard 8 hours per day, 5 days per week. The Resource Picker now correctly supports custom calendar configurations, ensuring accurate resource selection and scheduling.

1.3.12 Daily Working Hours Validation for Timesheets

A new validation option has been added to Timesheets to help enforce daily working hour limits. Administrators can now configure a maximum number of working hours per day in the Timesheet settings.

An additional *Prevent exceeding limit across submitted/approved entries* option allows the daily limit to be considered across existing submitted and approved timesheet entries.

AdvGrid config - My Timesheets - Saved

TPG Advanced Grid

tpg_timesheetconfig

Config

Config Type

Variant

General

Config Json

Form assist

Configure rules to validate the data in the grid, for example to prevent saving when certain conditions are met.

Validation Rules-1

Applies to

tpg_p01,tpg_p02,tpg_p03,tpg_p04,tpg_p05,tpg_p06,tpg_p07

Provide the target column by name. For multiple column names, separate by comma.

Validation expression

value >= 0 and value <= 10

A expression of [expr-eval](#) format evaluates to true when the value is valid, e.g.:
 'value >= 0 and value <= 24': Set min / max value.
 'value % 0.25 == 0': Prevent values not divisible by 0.25.
 'isNotNull(value)': Custom function to prevent empty values.

When enabled, on timesheet submission the sum of already submitted or approved entries for the same period and user (summed across all assignments/tasks, e.g. a per-day limit) plus the values being submitted is also validated against the expression above. Submission is blocked if that total violates the rule. Only supported when Timesheet Mode is set to Assignments.

☒ Prevent exceeding limit across submitted/approved entries

When users submit timesheet entries, the system validates the total number of hours recorded for each day. If the configured daily limit is exceeded, the selected entries cannot be submitted.

In this case, a message is displayed explaining why the submission was blocked, allowing users to review and correct their entries before trying again.

Submission Blocked

The total including already submitted or approved entries exceeds the allowed limit:

- **Mon (09/07) (11)**
! Value must be in the range 0–10.
- **Tue (09/08) (11)**
! Value must be in the range 0–10.

Ok

1.4 Multi Scheduler

This update includes the following changes in Scheduler Multi Scheduler:

- Upgrade Bryntum Multi-Scheduler to v7.3.5 

1.4.1 Upgrade Bryntum Multi-Scheduler to v7.3.5

The Multi-Scheduler has been upgraded from Bryntum Multi-Scheduler 7.3.2 to 7.3.5.

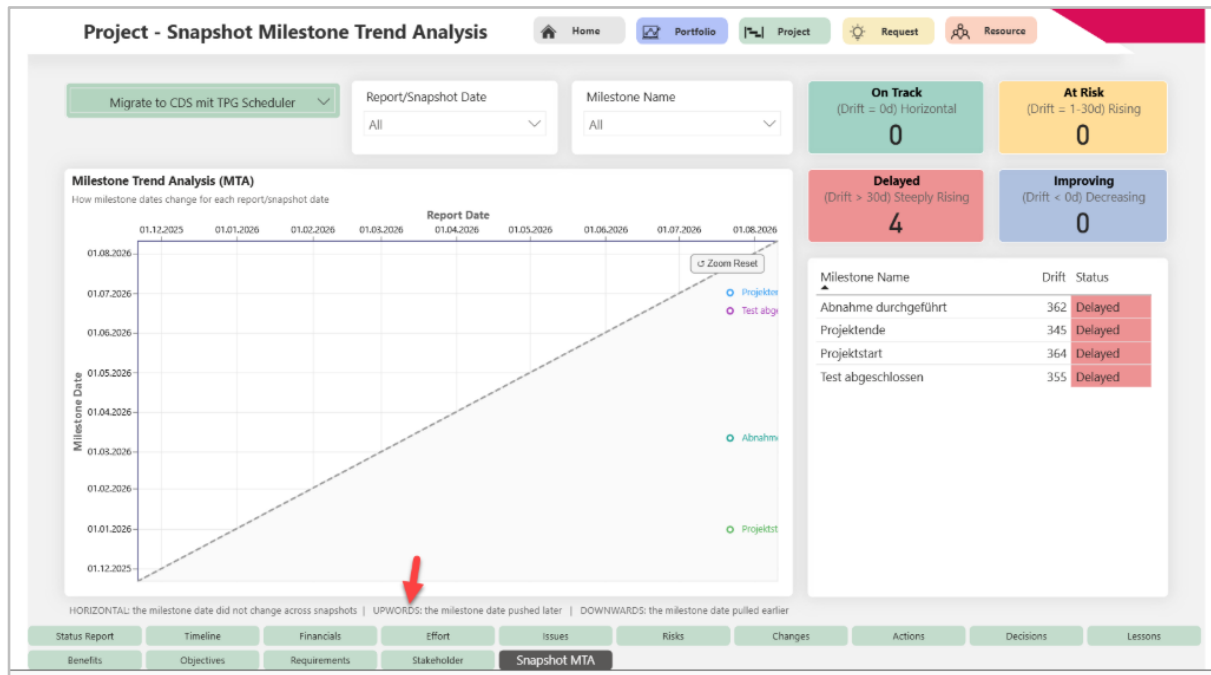
2 PowerBI Changes

This update includes the following changes in PowerBI:

- Bug Fix: Corrected Typo in Project Snapshots MTA Report 
- Improved Performance and Data Mapping in Timesheets Report 

2.1 Bug Fix: Corrected Typo in Project Snapshots MTA Report

Corrected a typo in the Project - Snapshots MTA report layout. The note displayed in the table visualization was changed from *UPWORDS* to *UPWARDS*.



2.2 Improved Performance and Data Mapping in Timesheets Report

The Timesheets Power Query has been optimized to improve efficiency and maintainability. As part of this update:

- (simplified the SubmitterResource lookups with a single conditional join;
- added AssignmentResource as optional supplementary info (resulting in some minor fieldname changes;
- updated the 'Resources'[ResourceID] 1:* 'Timesheets'[TimesheetResourceUID] mapping; and
- updated the [_TS-Cost Actual (TSHours x TSGRate) measure.

3 Advanced Grid Changes

This update includes the following changes in Advanced Grid:

- Bug Fix: Task Lookup Dropdown Sorting and Scrolling  13
- Bug Fix: Timesheet Task Mode Shows All Project Tasks  13
- Bug Fix: Timesheet Does Not Load Without a Resource  13
- Bug Fix: Creating Subrows in Multi-Year View Fails  14
- Bug Fix: Availability Calculation Supports Base Calendar Hours  14

3.1 Bug Fix: Task Lookup Dropdown Sorting and Scrolling

An issue has been fixed where tasks in the Task Lookup dropdown were displayed in the wrong order.

Fixed:

- Corrected the sorting of tasks in the dropdown list
- Improved scrolling behavior when navigating large result sets

This fix makes it easier to find and select tasks by providing a more consistent and user-friendly lookup experience.

3.2 Bug Fix: Timesheet Task Mode Shows All Project Tasks

Fixed an issue where the timesheet in Task Mode did not display all project tasks when the total number of tasks exceeded 5,000. With this fix, all available project tasks are now shown correctly, even in environments with a high task volume.

3.3 Bug Fix: Timesheet Does Not Load Without a Resource

An issue has been fixed where the Timesheet grid could remain in a loading state when a user was not assigned to a resource.

Fixed:

- Timesheets no longer get stuck loading when no resource is assigned to the user
- A clear message is now displayed to explain why the Timesheet cannot be loaded

This fix improves usability by providing clear feedback and preventing indefinite loading behavior.

3.4 Bug Fix: Creating Subrows in Multi-Year View Fails

Fixed an issue that could occur when creating subrows in the Multi-Year view of customized tables that include a configured Total column. The error occurred after entering a value in a month column.

Subrows can now be created correctly in this scenario.

3.5 Bug Fix: Availability Calculation Supports Base Calendar Hours

When a base calendar was configured with a non-standard number of working hours per day (e.g. 5 hours instead of 8), the Availability Calculation in the Resource Plan always assumed a full day and returned incorrect availability values. For example, a calendar with 5h/day × 22 working days should yield 110 hours, but the grid reported 176 hours (8 × 22).

What changed:

A new optional configuration parameter `availUnit` has been added to the Advanced Grid JSON configuration. It accepts two values:

Value	Behaviour
"day" (default)	Availability is calculated per day — same as before. No change needed for existing configurations.
"hour"	Availability is calculated per hour, using the actual working hours defined in the base calendar.

The grid now passes the selected unit (days or hours) to the availability API via the `outputUnit` parameter, which the plugin already supported but was not previously exposed.

What consultants need to do:

- No action required for customers who work with full-day calendars (8h/day).
- Enable availUnit: "hour" only for customers whose base calendars define a variable or reduced number of working hours per day.
- When enabling availUnit: "hour", set availFactor to 1 to avoid a double-conversion (the availFactor multiplier is still applied on top).

Example JSON configuration change:

```
{  
  "availFactor": 1,  
  "availUnit": "hour"  
}
```

► No database migration or downtime is required. The change is purely configuration-driven and backwards-compatible.

4 Project Gantt Changes

This update includes the following changes in Project Gantt:

- **Bug Fix: Gantt Section and Settings Disappear After Loading**  15

4.1 Bug Fix: Gantt Section and Settings Disappear After Loading

An issue has been fixed where the Gantt section of Project Gantt disappeared shortly after loading, along with its settings.

Fixed:

- The Gantt section now remains visible after loading
- Gantt settings are no longer hidden shortly after the page is displayed
- Project Gantt now loads and remains available as expected

This fix ensures that the Gantt section and its settings remain accessible after loading, allowing users to work with Project Gantt without interruption.

5 Kanban Changes

This update includes the following changes in Kanban:

- **Bug Fix: Error When Creating Tasks Without a Bucket** 

5.1 Bug Fix: Error When Creating Tasks Without a Bucket

Fixed an error that occurred when creating tasks on a Kanban board where no buckets had been created. Tasks can now be created successfully even if the board does not yet contain any buckets.

6 Bulk Importer

This update includes the following changes in Bulk Importer:

- **Bug Fix: Full Bulk Import Errors Available in Error Log** 

6.1 Bug Fix: Full Bulk Import Errors Available in Error Log

Fixed an issue where long Bulk Import error messages could be truncated. Error messages are now stored in the new Error Log field, ensuring that complete error details are available for review.