

TILOS 10.2 MR2

Release Notes

Build 20190610

Warning:

- Due to a discovered issue, this version should not be used for calculating task durations by distance profile as the results will not be correct.
 - Your user roaming folder will be deleted each time you close the program. If you are working with user-defined Excel- or Plain-Text Exchange profiles, you should export these profiles before closing TILOS so you do not lose them.
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Resolved Issues

Download and install this version to get bug fixes for cases in which:

Import/Export/Data Exchange

- TIL-385 - Importing new mass areas (into TILOS v9.0) from Microsoft® Excel after importing original mass areas took too long to process and the program became unstable or crashed.
- TIL-649 - When tasks in a Primavera P6 project had external links to tasks in another P6 project (and both projects had a similar WBS), the links remained after exporting to XML and importing in TILOS, and were connecting to internal tasks in the same WBS node as the external task (even if they had different IDs). Additionally, the WBS names differed from the ones in P6.
- TIL-663 - Projects from MS Project did not include links and required them to be imported separately.
- TIL-704 - Work rates were not being imported into Time profiles and had to be typed in manually after import.
- TIL-788 - If start/end task templates had Milestone graphic = None, after importing an XML data file from Primavera, the resulting tasks defaulted to the first image in the Graphics list, which is the blue star, rather than the default milestone graphic.

- TIL-791 - When you exported to XML, task durations and dates were not correct due to a rounding error in durations.

Graphics/Display

- TIL-382 - Task template (cut) and Task template (fill) column names were inverted in the Haulage Type list of certain task templates
- TIL-431 - Task templates created from the context menu were not being highlighted in the Save/Edit Task Template dialog.
- TIL-636 - When a task had an annotation with a Display character token, the row from the assigned resources switched when you changed the task's direction (the display character changed a row when the task changed direction after rescheduling).
- TIL-786 - Base speed and speed from sector type were inverted in schedules.
- TIL-787 - The calendar language field was empty after closing and reopening the program
- TIL-801 - Graphics disappeared and the program crashed when you tried to open them from a graphic library.

Setups

- TIL-606 - Files and folders were not being consistently deleted from the temporary Users\Roaming folder which could result in a shortage of storage space on a local or USB drive.
- TIL-734 - TILOS 10.2 MR1 used the same user roaming folder as v10.2, which potentially resulted in the wrong template and project files being selected.
- TIL-753 - The ProtectionPath in the Config.ini file was incorrect when TILOS was connected to an existing license from an earlier version, which caused USB-installed versions to be written as an absolute path in the config file.
- TIL-761 - The program became unstable and would close unexpectedly.
- TIL-762 - Program had to be closed and restarted in order to see calendar language changes.

Scheduling

- TIL-710 - When links had 'Calculate lag by set to Distance to successor' as the driving factor, that factor was ignored in cases when predecessor had a shape (e.g., parallelogram) and if the tasks had different calendars.

- TIL-715 - Tasks with links of zero distance clashed with their predecessor tasks.
- TIL-754 - End milestones behaved like Start milestones: when you added a task or template as an End milestone, it started at the first minute of working-time in its calendar (positioned at the beginning).
- TIL-755 - When you rescheduled a project multiple times (without changing anything), tasks moved to the future each time, resulting in new task dates.
- TIL-792 - When you added tasks to a schedule without a calendar, conflicts were created when you subsequently exported the schedule to Primavera P6 (the calendar that got did not exist).
- TIL-800 - The program crashed when you tried to group tasks in a Gantt chart.
- TIL-818 - Tasks were not repositioned properly when set to a Placement type of ALAP (as late as possible) on the Links & Constraints tab.

Task Calculations

- TIL-709 - When you set the Operation model for a task to Resource work rate (which drives the task's work rate), and change the Operation value, the task's duration did not refresh when you closed the Resource and Work Editor until you moved the task or re-opened the editor.
- TIL-712 - Copied resources kept the IDs from the original resources.
- TIL-742 - When you added a scale with a distance profile, the start location displayed correctly based on the sector profile, but the end location ignored the profile (the distance scale for the sector profile disregarded the sector's end values).
- TIL-782 - Changes made to OLE object via double-clicking the center were not saved when you switched to another view and then back to the integrated view.

Mass Haul

- TIL-726 - The Layers tab in the Object Properties pane was unstable: If you set the default layer for a cell, it would later revert to the previous, or ther, random setting. If you edited a layer in an adjacent mass haul cell, the view became corrupted.
- TIL-727 - Mass haul cells were not behaving as expected (irregular background colors and haul lines, missing haulages and layers, malfunctioning drawing tools).

- TIL-741 - Haul Qty (Remaining) in the Project Data > Mass Areas table did not match the same value on the Object Properties > Mass Areas tab.
- TIL-758 - Deleting all objects from a mass haul cell caused the program to crash.
- TIL-765 - Changing Minimum display quantity boundary values on the Mass Haul Diagram Presentation tab did not have any effect.

Work Phase Planning

- TIL-716 - The WPA-specific 'Insert Point Feature' was available in non-distance cells.

Histograms

- TIL-725 - An existing filter on categories did not find categories from imported tasks; the filter found only new assigned categories.

Printing

- See **Known Issues** below.
- TIL-711 - Gantt chart settings at the bottom of the Print pane were hidden when the screen resolution was $\leq 1366 \times 768$.
- TIL-735 - Some objects disappeared when printing to PDF at a zoom level of <100%.
- TIL-740 - Gantt chart sections were collapsed so data appeared to be missing when printing to PDF.
- TIL-789 - You could not print Gantt views because no page sizes were available.
- TIL-794 - The program crashed when you tried to print the default view.

Interface/Documentation/User Assistance

- TIL-739 - The help file (F1) contained no information about symbol scaling upon import.
- TIL-797 - There was missing and/or incorrect interface text in the Chinese edition.

What's New?

Feature Enhancements

Download and install this version to get these new or enhanced features:

Scheduling

- You can now add existing tasks to summary tasks on the summary task's Categories & Structure tab like you would add a new task using Insert Task on the toolbar.

Task Calculation

- You can now exchange additional duration tokens with Primavera P6. A more robust exporter allows you to provide values for PlannedDuration, ActualDuration, and RemainingDuration in the exported file, rather than relying on P6 to handle their non-existence in such circumstances.

Mass Haul

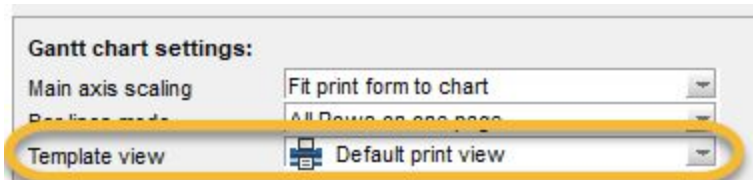
- You can now update the selection in a Mass haulage diagram to only specific mass haulages and/or mass areas (and no other objects), which decreases the time required to select single haulages or areas in a diagram with many objects. This also reduces the risk of inadvertently selecting too many, too few, or the wrong objects.

Work Phase Planning

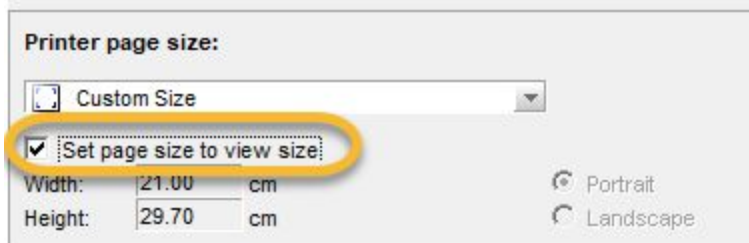
- When scheduling with the Work Phase Assistant (WPA), you can now change the Y-axis direction in a distance cell so a site map can be displayed in the right direction. Check the Distance Descending box at the bottom of the Y-axis group on the distance cell's Object Properties > Cell Settings tab. When this box is checked, the start and end coordinates are swapped so that start distance has a larger value than the end distance and the direction of the cell's axis changes accordingly.

Known issues

- **From resolved Printing issues above:** In rare cases, when you try to print a Gantt chart, either it will not be positioned correctly on the page (causing part of the chart to be cut off) or the size may be incorrect (so more pages are printed). To fix this:
 1. In TILOS Explorer, open the Gantt chart you want to print.
 2. Select File > Print on the menu.
 3. In the Print pane, select a print template in the Template view list.



4. Close the Print pane.
5. In TILOS Explorer > Views > Print Form for Gantt Chart, double-click the same print template.
6. Select File > Print on the menu to re-open the Print pane.
7. Check the Set page size to view size box.



8. Close the Print pane.
 9. Re-open the Gantt chart and try printing again. Anything else you print in the same project will print as expected.
- This reported issue works as designed:
 - In a summary task with linked child tasks, if a link is driving, the summary task and its children are moved toward the future, but if the link is not driving, the summary task and its children do not get moved towards the past.
 - The designed behavior is: Unlinked child tasks in a summary task keep their position; tasks under a summary task are not moved if they start later than the earliest possible start date for the summary task.
 - It was reported that using the TILOS MS Project (XML) exporter, a distance-split, progressed task was imported into MS Project with incorrect data; the duration, start date, and end date were wrong. After investigation, it was determined that the XML exported from TILOS was correct, but that MS Project recalculations (likely based on

resource availability) caused the error. This is a problem outside of TILOS. The workaround is to avoid importing resources into MS Project.

Supported Languages

TILOS program interface is available in these languages:

- Chinese (Mandarin)
- English
- French
- German
- Hungarian
- Italian
- Korean
- Polish
- Russian
- Spanish
- Turkish

It is possible to run more than one language edition on the same computer.

TILOS program help is available in these languages:

- English
- German