TUBEPRO 6.0R3 RELEASE NOTES

Release date: January 22nd, 2025

Build version: 6.0.R3.1117

Cloud-based Licensing System

TubePro 6 is on a cloud-based licensing system.

To download the **Latest Version** of TubePro software, please visit the **TubePro 6 Webpage**, where you will also find detailed instructions on the **Software Licensing Procedure** and a comprehensive **History of Release Notes**.

Improvements

- **Improved drawing duplication functionality**: When duplicating a drawing, the 3D model is now created as an independent copy of the original model. Changes made to parameters in either the 3D model view or its associated legends within the duplicated page will no longer affect the original drawing.
- **Added multi-column sorting functionality in the Inspection Data table**: Users can now sort the Inspection Data table based on multiple columns. To do so, click on the first column's header to sort, then hold down the [Shift] key and click on a second column's header for additional sorting.
- **Added Left/Right Text Prefix and Suffix parameters in 2D Map View Editor**: Users can now add prefixes or suffixes to a tube section in the 2D map presented in the report.
- **Introduction of the 'Add Note' command in 3D View Editor**: A new 'Add Note' function has been added to the 3D View Editor to allow users to annotate and provide additional information within the 3D model.
- **Added Custom Margins feature in Defect Table Editor**: A new 'Settings' button has been introduced in the Margins section of the Layout toolbar to allow users to set exact margins for report pages in the Defect Table.
- **Improved template file saving contents to ensure retaining all adjustments associated with the Defect Table**: User-defined layout modifications in the Defect Table, such as page orientation, header/footer information, and column widths, are now saved in the Template file. Previously, the template only retained adjustments made to report variables, footer page counters, header text, cell text, conditional formatting, column names, and ordering.
- **Added horizontal and vertical Page Breaks for rows and columns in Excel format reports to break up a spreadsheet into several printed pages**: Users can now insert page breaks to address the page spillover issue in the final PDF report.

- **Fixed sorting issue associated with the Location column of the Inspection Data table**: The report entries were previously sorted by the first digit of the Location number instead of the entire value, leading to incorrect order. This has now been corrected.
- **Fixed issue with imported data placement in the Defect Table**: When using the Import Update function, TubePro previously placed imported data at the bottom of the Defect Table. This issue has been resolved, and the Defect Table now follows the same tube numbering and sorting layout as the Inspection Data.
- **Resolved issue with custom columns in the Defect Table**: Custom-made columns inserted in the Inspection Data and saved within a Template file were not displayed in the Defect Table after importing the project template. This issue has now been fixed.
- **Fixed transparency issue with support plates in 3D Model**: Changing a Support Plate parameter through the Support Editor was causing the support plates to become transparent. Support plates now retain their correct visibility when parameters are modified.
- **Fixed gridline state persistence issue in Drawings**: Previously, disabling gridlines through the Layout menu would revert to enabled when switching drawing pages. This issue has been resolved to ensure that the gridline settings remain consistent when navigating between pages.
- **Addressed logo update issue in Word report format**: When a logo is added through the Report Variables and subsequently inserted into the Word document, updating the logo image now reflects in the main document as well as in the header and footer.
- **Fixed docking functionality for the navigation panel in the front stage**: The navigation panel now correctly supports docking in designated positions. Previously, while the option to dock elsewhere was available, the panel could not be successfully docked in those locations.
- **Addressed alignment issue with Conditional Formatting in the Defect Table**: While Conditional Formatting was functioning as intended, it caused cell contents to shift to either left or right alignment, locking the text alignment and preventing user edits. This issue has been resolved to allow users to maintain control over cell text alignment after applying formatting.
- **Resolved logo placement issue in Defect Table header**: Users can now successfully place the logo from Report Variables in a table cell within the header section of the Defect Table.
- **Fixed Tube Highlight function in 2D Map drawing**: Resolved the issue where the Tube Highlight function exhibited unusual behavior for specific Row Interval values, causing some tubes either not being highlighted or highlighted incorrectly when rendering the map with inspection data.
- **After tubes are automatically detected from a PDF, it remains available in the background:** The PDF no longer disappears after using it to detect tubes automatically.

Known Issues, Limitations, Restrictions

- The Multi-View Editor associated with drawings does not offer defect preview with inspection data.
- Some *.T5TPL drawing templates may require adjustments after import. Users might need to modify the layout of the result table (legend) or margins following the import of the drawing template to ensure proper formatting and presentation.
- When opening a TubePro 5 project created using an Excel report format in TubePro 6, which uses a pre-defined Word format, TubePro cannot automatically match the Report Format based on the imported TP5 project. Users will need to manually adjust their preferences to ensure the report format aligns with their requirements.
- There is currently no option to adjust the transparency of tubes within the 3D model properties.
- It is not possible to select and plug multiple tubes simultaneously. Users must plug tubes individually.
- At present, there is no bulk import feature for adding and appending the inspection data reports. If an inspection job spans multiple shifts and involves several reports for a single bundle, users must import and append each analysis report individually.
- TubePro does not accommodate modeling complex U-bend tube geometries with crisscross tube patterns.
- In certain cases, the images inserted in the Excel report format may appear slightly resized or scaled up in the final PDF report. Users should take this into account and adjust the image size in the spreadsheet accordingly before printing.
- The color of baffles and nozzles is not editable in the 3D model section.
- For optimal rendering of the 3D model in Acrobat Reader, DirectX 9 must be downloaded and installed from https://helpx.adobe.com/acrobat/kb/download-directx9.html.
- When starting TubePro, the icon is sometimes not displayed in the Windows Task bar. The user must hide other windows to display the TP6 interface.
- When modifying the format of the Result table in drawing, the associated Tube Map always reverts to the original 1:1 aspect ratio.
- Displaying the numbers inside each tube in a drawing tube map larger than 7,000 tubes slows down the project.

Minimum System Requirements

- Processor: Core i5 (or equivalent)
- Operating systems
    - Edition: Windows® 8.1 and Windows 10 version 1607 (Anniversary Update)
- System type: 64-bit operating system
- Memory: 8 GB.
- Disk space: 20 GB.
- Display
    - Screen size: 13 in
    - Resolution: 1366 × 768 pixels
    - Display scale: 100% (Windows preferences setting).
- Administrator rights: User must have local administrator permissions on the computer to install and use TubePro.

Recommended System Requirements

- Processor: Core i7 (or equivalent).
- Operating systems:
    - Edition: Windows 10 (latest version)
    - System type: 64-bit operating system.
- Memory: 16 GB.
- Graphics card: Dedicated GPU with DirectX 11 support.
- Disk space: 100 GB.
- Display:
    - Screen size: 15 in
    - Resolution: 1920 x 1080 pixels
    - External monitor: 22 in or larger, with a minimum resolution of 1920 × 1080 pixels (for extensive analysis purposes)
    - Display scale: 100% (Windows preferences setting).
- **Administrator rights:** User must have administrator permissions on the computer to install and use TubePro.
- **PDF viewer:** DirectX 9 component must be installed to optimal viewing experience.