

# TUBEPRO 6.0R2 RELEASE NOTES

**Release date:** May 1, 2024

**Build version:** 6.0.R2.1102

## Cloud-based Licensing System

TubePro 6 is based on a cloud-based licensing system.

Please contact your Eddyfi Technologies sales representative to learn how to access this latest version.

## Improvements

- In Drawings, when duplicating a drawing, both the 2D drawing and its associated legend are independent copies of the original. Changing a parameter in either the 2D view or legend will not be reflected in the original drawing.

## Resolved Issues

- Setting *Conditional Formatting*, such as background color, are now properly applied to the selected cells/rows in the *Defect Table*.
- The *Reset* button linked to the *Tilt* and *Rotate* tools now functions correctly for tubesheet photos detection.
- Adjustments made through *Tilt* and *Rotate* tools are now accurately applied to the tubesheet photo for tube detection.
- The macro legend "Number Inspected" item is now customizable to exclude plugged tubes from the total count of inspected tubes.
- Changes made to the caption of a column header are now saved when saving the TubePro project or template.
- Using the keyboard shortcuts *Detect Rectangular Area* and *Detect Polyline Area* while editing a tubesheet map without a photo for detection no longer result in the removal or blocking of the grid mode feature.
- When using a photo to perform automatic tube detection, the algorithm will now analyze the tilted and/or rotated photo rather than the original orientation.
- The import type structure formats for \*.TXT and \*.CSV defect reports are working as expected.
- Formula type columns that are newly inserted into the *Inspection Data* table are now properly saved within the template file.
- Plugged tube entries within the *Tubesheet* section are now prevented from being duplicated in the *Inspection Data* section.
- Deleting a record in *Report Variables* doesn't prevent the user from adding another afterwards.

### *Known Issues, Limitations, Restrictions*

- The color of baffles and nozzles is not editable in the 3D model section.
- When performing an Automatic photo detection using a PDF drawing, the PDF is not displayed in the background after detection.
- For optimal rendering of the 3D model in Acrobat Reader, DirectX 9 must be downloaded and installed. Link: <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 is always reverted 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.
- In the Inspection Data, when sorting defects by position, the numbers are sorted based on the first number rather than the total value.

### *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 Magnifi.

### *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 x 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 Magnifi.
- **PDF viewer:** DirectX 9 component must be installed to optimal viewing experience.