

TubePro 5.3 R2 – Release Notes

Software version: 5.3.0.738

System Requirements

- Supported operating systems: Windows® 7 SP1 and all necessary updates, Windows 8, Windows 8.1, and Windows 10 (32-bit and 64-bit editions)
- Processor: Core i5 or better (or equivalent)
- Memory: 8 GB or more (recommended: 16GB recommended for very large tube maps)
- Minimum available disk space: 500 GB
- Recommended network: Built-in network card (USB-to-network adapter also acceptable)
- Display: 13" or larger (recommended: 15")
- Minimum resolution: 1366 × 768 pixels
- For extensive analysis purposes, we recommend using an additional external monitor, 22" or larger with a minimum resolution of 1920 × 1080 pixels.

New Features and Improvements

- New way of creating the 3D model views to reduce file size and increase the reaction time of the software
- Real-time interaction with Magnifi 4.5
 - Instant tube list creation
 - 2D/3D report entries synchronization
- New plugged tube ratio diagram
 - Show the general condition of the tube bundle
- Support multiple data sets and reports
 - From previous inspection or from two different inspection techniques
- Support of tubesheet over 10,000 tubes
- Enhanced photo detection tools
 - Improved PDF and pictures detection algorithms
 - DWG and DXF tube map import
- New features for the 3D model view, including cutting planes and tube transparency modifier.
- Report field codes highlighted for better visibility. Highlighting option makes it easier to visually separate reporting fields from regular text in main reports

Modifications to Existing Features

- Improved industry-approved report template
- Improved numbering capabilities of imported tube maps
- Streamlined and faster user interface
- Reduced project file size
- Display of tube defects in both 2D and 3D views
- Rotation for supports and baffles
- Grid column and row numbering option

Resolved Issues

- Fixes critical numbering issue when using vertical row numbering
- Memory leak issues when reporting larger projects.

Known Issues, Limitations, and Restrictions

Tube Map Geometry

Import tube map geometry directly from existing TubePro 4.5 TMI files by selecting the Import tool from the TUBES menu.

Tube Section Inspection Data Import

Tube inspection data can be imported directly from existing TubePro 4.5 TMI file. The data is imported from the INSPECTION DATA program tab from the Import menus.

Project Reports

TubePro 4.5 uses the Microsoft® Excel® 97–2003 file format (.xls), which is unsupported by TubePro 5.3. The new version generates RTF/DOCX compatible project reports.