

Release Notes for RISASection 2.0.0

Version 2.0.0 Enhancements/Corrections

- Added DXF Import function.
- Added a Parallel Align tool to help model built up shapes.
- Added new torsional shape property values (Cw, Wno, Sw, Qw, and Qf).
- Added a Merge/Explode function to aid in more accurate torsional J calculations.
- Modified program protection now uses either the Sentinel USB hardware keys or Sentinel LM Network licensing.
- Added the ability to assign Hot Rolled Steel shape types to sections so that they may be designed for code check values once imported into RISA-3D, RISAFloor, and RISA-2D.
- Updated to an improved file format. Now all RISASection files will have a .nmsx extension.
- Corrected an issue where the moments of inertia were not changing for rotated shapes.
- Corrected an issue where the program would not accept certain bend radius values for Cold Formed Steel shapes.

Version 2.0.1 Enhancements/Corrections

New Features

Added a version check to make sure that old files will be updated and saved with correct property values when analyzed in the new version.

Corrections

- Corrected an issue with applying the Property Multiplier for multi-material sections.
- Improved the mesh algorithm for the Torsional J calculation to better handle the analysis of imported DXF shapes.
- Fixed the display of non-real results (i.e. results that cannot be calculated due to a negative property multiplier).