

# Release Notes for RISAConnection

## Version 14.0.2 Enhancements / Corrections

- Converted to cloud-based subscription licensing.

## Version 14.0.1 Enhancements / Corrections

- Added conventional configuration checks for shear tab connections with HSS columns.
- Added the ability to copy connection properties from one connection to another similar connection.
- Added the ability to 'Collapse All' and 'Expand All' properties within the connection property and project explorer windows.
- Added the ability to adjust size of text for 2D connection view and program interface.
- Added a progress bar to RISAConnection, displaying the loading progress of an integrated model from RISA-3D or RISAFloor.
- Enhanced user experience when clicking on inputs in the 2D or 3D view.
- Improved and expanded bolt prying calculations specifically related to the variable 'p'.
- Updated references and equations to the AISC 15th edition where it shows older codes for the extended shear tab connection.
- Corrected the effective length 'K' value for the plate compression checks for the Chevron and Extended Shear Tab Brace Connections.
- Fixed graphical display unity check reporting for concrete bearing limit with large moment methodology to accurately reflect results, eliminating the misleading 1.0 reporting.
- Corrected the eccentricity taken for the extended shear tab connection per AISC 15th edition.
- Resolved an issue that prevented the weld filler material checks from being compared properly.
- Fixed a rare issue that would cause large model files from RISA-3D to close unexpectedly when being solved.
- Corrected the effective length used for welds for the knife plate configuration of a vertical brace to base plate connection.
- Resolved an issue that prevented ASTM A500 Grade C material HSS tubes from passing the branch ductility check.
- Corrected how the program determined the dimension 'a' for bolt prying calculations.
- Corrected a rare issue that would incorrectly calculate the unbraced length for a knife plate connection.

## Version 14.0.0 Enhancements / Corrections

- Added continuous beam over column connection design.
- Added additional icons in the 2D View for improved user experience.
- Added bolt pattern configuration to a Vertical Brace Chevron Connection for bolted tee attachment connection type.
- Added connection defaults for all connection types within the Defaults Viewer dialog.
- Added the ability to change text size of dimensions in the 2D view of the connection.
- Updated the program to enable subscription license users to borrow a license from the cloud service for offline use.
- Revised geometry restrictions for cap plate stiffeners to use half of the cap plate width instead of the stiffener width.
- Corrected reduction factors associated with slip critical connections to consider applied load direction with respect to location of bolt holes.
- Resolved a graphical issue that showed '-nan(ind)' as the required force for certain connection checks that were being integrated from RISA-3D.
- Corrected the alpha proration factor for welds; specifically for transverse stiffener weld for panel zone checks.

- Resolved an issue that prevented seismic loads transferring from RISA-3D to RISACONNECTION for ordinary moment frame connections.