Autodesk® Revit® Structure 2014 Enhancements

- Improves elevation assigned to beams when the elevation of a related beam system is adjusted.
- Improves graphics display of braces in course view when the justification parameter of the brace is adjusted.
- Improves graphics display of braces in course view when using a rotated crop region.
- Enables beams to be stretched using the Align tool.
- Improves stability when upgrading previous version structural projects.

Autodesk® Revit® Platform 2014 Enhancements

- Improves stability when using Trim/Extend tools with curtain walls.
- Improves stability when selecting Top Rail Type from with Project Browser.
- Improves stability when inserting Stairs.
- Improves stability when using the Split Element tool on walls.
- Allows Stairs, Railings and Wall Sweeps to be individual entities when exporting to FBX format.
- Improves data integrity of projects which contain RPC elements when exporting to FBX format.
- Improves categorization of parts when exported to FBX format.
- Improves performance when utilizing Render in Cloud functionality.
- Improves appearance of material textures when Rendering in Cloud.
- Improves graphics integrity of linked models when Rendering in Cloud.
- Allows Point Clouds to be visible when unchecking “Show Imported Categories in this View” display option.
- Maintains display order of filled regions which overlap solid hatches in projects that are upgraded to the Revit 2014 format.
- Corrects visual fidelity of objects in printed output which show as “Thin Lines” in drawing canvas.
- Improves consistency of displaying revisions within schedules.
- Improves data consistency of keynote legend when un-checking ‘Filter by Sheet’.
- Allows schedule footer text to follow column alignment.
- Improves stability when pasting elements between two Generic Model adaptive families.
- Improves stability when exporting project to Navisworks 2014.
- Improves stability during the loading of a family when utilizing either “Delete Element” or “Delete Type” option.
- Improves stability when placing details.
- Improves stability when a crop region is moved while the disjoin option is enabled.
- Improves data integrity during “Save As”.
- Improves stability when creating form elements.
- Improves stability when exiting Revit.
• Improves stability when printing Elevation and Detail views.
• Improves stability while editing groups.
• Improves stability when adjusting the elevation value of Levels.
• Improves stability when navigating in a project which contains linked point clouds.
• Improves stability when using the type selector within the properties palette.
• Improves stability when editing the layout of a schedule.
• Improves stability when adding a schedule to a sheet which has an active view.
• Improves stability when upgrading previous release projects.
• Improves stability when placing a view on sheet.

**Autodesk® Revit® API 2014 Enhancements**

• Allows a drag/drop operation (UIApplication.DoDragDrop) to initiate from a dockable window.
• Improves the ability to include any type of component inside a dockable window without it disappearing during Revit redraw efforts.
• Allows UIApplication.PostCommand() to work consistently for Add-in created commands.
• Triggers an updater callback for ElementChangeTypeGeometry related to rebar and other reinforcement elements when their geometry changes.
• Improves stability for FamilyManager.NewType() on families which have no defined types already.
• Allows FamilyManager.Set(ElementId) to work correctly for family parameters of type LoadClassification
• Improves stability for reading Mesh and MeshTriangle elements.
• Creates the default schedule header automatically for when schedules are created by ViewSchedule.Create() methods.
• Allows ViewSchedule.GroupHeaders() to succeed even if the schedule is not active.
• Allows Connector.DisconnectFrom() to consistently remove unneeded information from the associated element, so that it can be reconnected as needed.
• OpenOptions.SetOpenWorksetConfiguration() allows null to remove the existing configuration.