

# Update Enhancement List

## Improvements made in Update 3 build (20140709 2115):

### Autodesk® Revit® Platform 2014 Enhancements

- Improves data integrity in projects that contain large elements, such as ImageHolders.
- Updates graphics certification file.
- Improves stability when a family type is deleted during insertion.
- Improves stability when working with docked dialogs or palettes.

### Autodesk® Revit® MEP 2014 Enhancements

- Improves data integrity when using the pipe sizing tool.
- Allows proper retention of circuit assignment after synchronizing with central.

### Autodesk® Revit® API 2014 Enhancements

- Improves stability when working with multiple dockable windows.
- Improves NewFamilyInstance() and allows successful placement of face-based families.

## Improvements made in Update 2 build (20131024 2115):

### Autodesk® Revit® Platform 2014 Enhancements

- Disables the ability to paste spot elevations into a Sketch mode.
- Improves stability when using Results and Compare for Energy Analysis.
- Improves stability when exporting to AutoCAD 2000 DWG format.
- Improves Online Help experience by properly redirecting help inquiries to Autodesk Help.
- Improves stability when enabling Sun Path.
- Improves graphic display of Analytical Model Walls.
- Improves data integrity of user defined parameters when utilizing temporary view templates.
- Improves stability when editing dimensions.
- Improves upgrade reliability of projects created with a different language version of Revit.
- Improves stability when selecting materials within the Material Browser.
- Restores the appearance of area color fills within linked files, when setting the view as By Linked View.
- Improves stability when upgrading projects which utilize Keynotes.
- Improves stability when importing IFC files.
- Improves stability when editing Filters within the Visibility/Graphics Overrides dialog.
- Improves stability when saving projects which were upgraded.
- Improves stability when combining Phases.
- Improves accuracy of Analytical Volumes.
- Improves display of Imported Categories for DWG files linked into the project using the “Current View Only” option at time of import.
- Improves stability when attempting to turn on sun path while temporary view properties mode is active.
- Improves data integrity when export model to FBX.

## Autodesk® Revit® MEP 2014 Enhancements

- Improves the visual fidelity of point clouds in MEP discipline views in regards to underlay elements in the view.
- Improves connection reliability between fittings when upgrading MEP projects.
- Improves connection reliability between fittings when changing the size of MEP elements.
- Improves the data integrity of the Outside Air per Area value for a HVAC when exported to gbXML.
- Removes the “Multiple Values” values for Flow, Velocity and Friction parameters and replaces it with the highest value applied to the entire segment length.

### Improvements made in Update 1 build (20130709 2115):

## 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 disjoint 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 place a view on sheet.

## Autodesk® Revit® MEP 2014 Enhancements

- Restores Revit MEP 2013 circuiting behavior when connecting panels together.
- Enables “Pick New Work Plane” ribbon tool for electrical equipment.
- Improves performance when selecting a piping system which contains a large number of elements.
- Improves stability when copying air terminals connected to duct segments.
- Improves stability when sizing Duct or Pipe systems.
- Improves stability when changing the type of Cable Tray or Conduit.
- Improves stability when editing type parameters from within the System Browser.

## 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.

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