

Update Enhancement List

* Indicates an issue that was reported by a Revit user.

Improvements made in Update Release 15 (2015.0.15 and 2015.1.15 Security Fix)

- Revit 2015 build: 20190507_1515
- Revit 2015 R2 build: 20190508_0715

To align with industry best practices for security and data integrity, Autodesk Identity Services and Revit Cloud Models Services, will move to Transport Layer Security (TLS) 1.2 and stop supporting TLS 1.0 and TLS 1.1 on June 15, 2019. Action may be required to update your software to maintain access to certain product functionality or features. To maintain connectivity, follow the instructions below. If your software is affected and is not updated, connectivity issues may occur as of June 15, 2019.

This version requires an update to the Autodesk License Manager components. Please see the [Autodesk Licensing Manager Hotfix](#) for additional information.

The update to allow the following feature functionality to be utilized is available in this Security Fix.

- Energy Analysis

Improvements made in Update Release 14

- Revit 2015 build: 20160512_1515
- Revit 2015 R2 build: 20160512_0715
- Improves stability during creation of a stair by component when the stair path text type becomes invalid.*

Improvements made in Update Release 13

- Revit 2015 build: 20160220_1515
- Revit 2015 R2 build: 20160220_0715
- Corrects an issue with dwf export orientation being incorrect when sheets have different orientation.*

Improvements made in Update Release 12

- Revit 2015 build: 20160119_1515
- Revit 2015 R2 build: 20160120_0715
- Improves consistency of UI behavior on high resolution monitors with high DPI settings (for example: 200% DPI on 4k monitor).*

Improvements made in Update Release 11

- Revit 2015 build: 20151207_1515
- Revit 2015 R2 build: 20151208_0715
- Improves stability after editing a dimension witness line and then moving the mouse outside of the Properties palette.*
- Improves stability when creating dimensions.*

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- Improves stability when modifying a schedule's appearance when the schedule does not contain table contents and headers.*

Improvements made in Update Release 10

- Revit 2015 build: 20151007_1515
- Revit 2015 R2 build: 20151008_0715
- Improves the Audit command for scenarios when a model has been corrupted.*
- Fixes an issue with the Transfer Project Standards tool in which the model could become corrupted.*
- Fixes an issue that caused duplicate project parameters to be created when reloading a family after project standards were transferred from a project document to the family.*

Improvements made in Update Release 9

- Revit 2015 build: 20150702_1515
- Revit 2015 R2 build: 20150704_0715
- Improves stability when deleting an element which contained an invalid partition ID.*
- Improves visual fidelity when exporting to DWF.*
- Improves data consistency between a schedule view and a schedule instance on a sheet.*
- Improves stability while upgrading Revit 2012 projects.*
- Improves stability while editing families.*

Improvements made in Update Release 8

- Revit 2015 build: 20150512_1015
- Revit 2015 R2 build: 20150511_0715
- Improves Stability while reloading point cloud file if the point cloud file root path was changed in the Options dialog.*
- Improves stability when placing spot elevations.*
- Improves stability when moving a spot elevation and zooming in and out of a view.*
- Improves stability when exporting schedules.*
- Improves stability when exporting views to DWG.*

Improvements made in Update Release 7

- Revit 2015 build: 20150303_1515
- Revit 2015 R2 build: 20150303_0715
- Supports improvements within Autodesk A360 Collaboration for Revit 2015 version 4.

Improvements made in Update Release 6

- Revit 2015 build: 20150127_1515
- Revit 2015 R2 build: 20150127_0715
- Corrects the behavior that caused view templates to apply incorrectly for some views, if a temporary view template was also applied to the view.*
- Improves stability when editing a families.*
- Allows type parameters in upgraded families to swap from one type to another.*
- Improves stability when upgrading a project which contains corrupt families.*
- Improves stability while opening the Material Dialog.

Improvements made in Update Release 5



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- [Revit 2015 build: 20151119_1515](#)
- [Revit 2015 R2 build: 20141119_0715](#)
- Corrects the behavior of placing families in a project when the family type selector is expanded.
- Improves stability when loading families that contain data created by add-ins.
- Improves stability when ungroup a group.
- Improved stability when filter a schedule.
- Improved stability when opening projects with bad dimensions.
- Improves stability when making edits in the Sun Settings dialog.
- Improves stability when deleting parts while modifying division.
- Improves stability when canceling new label creation in family environment.
- Improves stability when clicking the Macro Manager tool in the Family Editor.
- Improves stability when two users loaded families of the same name.
- Corrects an issue with ceiling-hosted lights that caused the lights to be deleted when the ceiling was moved or copied.*
- Corrected an issue related to placement of face-based families on certain part elements.*

Improvements made in Update Release 4

- [Revit 2015 build: 20140903_1530](#)
- [Revit 2015 R2 build: 20140905_0730](#)
- Updates graphics certification file.
- Improves visual display of filled regions, loss of color and pattern, when view is set to Realistic display style.*
- Improves export of fill patterns on transparent faces.*
- Improves stability when family-related corruption is encountered.*
- Improves stability while tab-selecting into an element to add detail lines using the Pick Lines option.
- Improves stability when using names longer than 128 characters in the Family Types dialog.
- Improves stability when deleting an element that is in an invalid state.
- Improves stability when clicking the door type preview button in some upgraded models.
- Improves visual fidelity with surface types which contain singularities.
- Improves stability when using file upgrade operations.*
- Ensures the file name is populated within the upgrade dialog box.*
- Improves stability when splitting a wall with an edited elevation profile.
- Improves stability when iterating different wall join configurations.
- Improves stability when splitting a wall.
- Improves data integrity with Multi-Category schedules which include elements from a linked file.**
- Improves stability when trying to rotate a view during the placement of the view on a sheet.
- Improves stability when a user edited a wall structure with the preview window open.
- Improves stability when placing a wall in files upgraded to Revit 2015.
- Corrects the abundance of standard materials being created when repeatedly loading a family.
- Improves stability when editing wall joins.
- Improves stability when cancelling an IFC Link during the insertion of new IFC links.*
- Corrects the behavior of placing families in a project when the family type selector is expanded.
- Improves stability when adding a family to a design option set when the family type selector is expanded.
- Improves the visual fidelity of point clouds sections which have Far Clipping set to "Clip with Line."**
- Corrects the placement of an image or any element containing an image (such as a schedule) on a sheet when Autodesk Revit is installed on Windows 8.1.
- Improves stability when exporting to IFC with the second level space boundaries option enabled.*
- Improves visual fidelity of level head symbol within a legend view after file upgrade.*
- Improves stability when pressing Ctrl+Tab in the Material dialog.



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- Improves stability when loading the layer export setting from a file.*
- Improves stability if the model was missing its revisions settings data.*
- Improves visual fidelity of Space Tags placed on linked files after reopening a model.*
- Improves stability when reloading a circular nested family.
- Improves stability for WARP device.
- Improves visual fidelity of point clouds.*
- Improves exports with include images.
- Improves stability when modifying wall type layers of large thickness.

Improvements made in Update Release 3 build (20140606 1530):

- Allows background image to be assigned when rendering in the cloud.
- Updates graphics certification file.
- Improves multi-reference annotation tag grouping when tags contains more than one label.
- Improves preview image retention when families are saved in Project Browser.
- Improves stability of Revit user interface.
- Improves stability when opening Revit project by double-clicking RVT files in Windows Explorer.
- Improves stability of rendering in the cloud when the selected view is missing light group data.
- Improves stability when upgrading legacy Revit projects.
- Improves data integrity when copying or reloading groups that contain shared nested families between projects.
- Improves stability when loading a family while adding a Family Type parameter.
- Improves data integrity in projects that contain large elements, such as ImageHolders.
- Improves stability while opening IFC files.
- Improves stability during use of the Paste command.
- Improves stability when opening IFC files and modifying Phasing settings.
- Improves data integrity in projects created from UK templates.
- Improves stability when creating material takeoff and then adding parameters.
- Improves stability when exiting Revit.
- Allows proper display of schedules on sheets when fields are sorted or grouped.
- Allows proper display of selected elements when shadows are enabled in view.
- Improves stability when opening projects that include corrupt families.
- Improves data integrity when copying elements between projects.
- Improves stability when deleting family types from Project Browser.
- Improves results when angular equality constraint is used for doors and windows in curved walls.
- Improves stability when splitting walls.
- Improves data integrity when default material for a host that is used by families is deleted.
- Improves stability when importing DWG files.
- Improves stability when loading nested families while in Family Editor.
- Improves stability when editing groups.
- Improves regeneration of families that include a reporting parameter.

Improvements made in Security Release build (20140323 1530):

- Addresses Heartbleed vulnerability - a security bug in the open-source OpenSSL cryptography library. Heartbleed is registered in the Common Vulnerabilities and Exposures system as CVE-2014-0160. For more information, please visit the CVE dictionary at <http://cve.mitre.org>

Improvements made in Update Release 1 build (20140322 1515):



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- Improves data integrity when editing nested families.
- Improves stability when editing nested families.
- Improves stability when editing when expanding schedule columns.
- Improves upgrade of projects which contain rebar elements.
- Removes format constraints for assembly codes.
- Improves data collection when Customer Involvement Program is enabled.

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