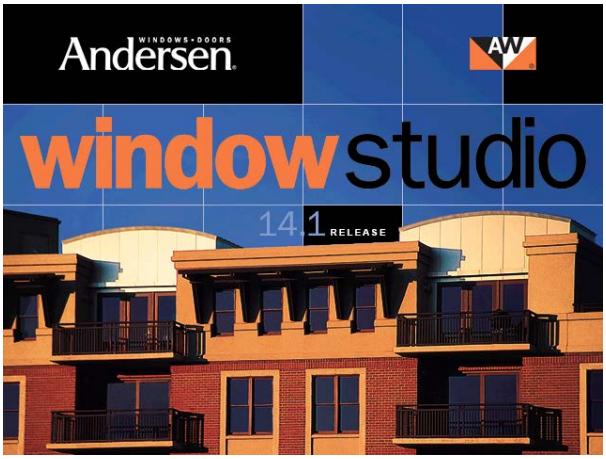
windowstudio

SUBJECT: Andersen Window Studio® Software Update

RELEASE: Window Studio 14.1

EFFECTIVE: Immediately

DATE: December 20, 2014



IMPORTANT for 14.1 Release

Window Studio® 14.1 works as a plugin with **all** current versions of SketchUp® including the 64bit version of SketchUp 2015. SketchUp® 2014 included changes that disabled our Plugin's capability, but 14.1 restores capability and adds capability for SketchUp's new 2015 32 bit and 2015 64 bit versions.

This latest version of Window Studio® is still not compatible with Revit® 2015. Andersen Windows released individual Revit families for download from AutoDesk SEEK®. Window Studio® 14.1 will continue to work well with previous versions of Revit ® (2010 – 2014).

A partial library of Autodesk® Seek-approved families can be downloaded from the andersenwindows.com website - (http://www.andersenwindows.com/for-professionals/cad-symbols-bim-support-window-doors)

Support for these new parameterized Revit families can be obtained by emailing architecturalservices@andersenwindows.com or by phone at 1-800-299-9029.

Special Installation Notes for Maintaining Andersen Window Studio Functionality in Multiple Versions of SketchUp

When you install Window Studio® 14.1, the most recently installed version of SketchUp® will be detected and the Window Studio® SketchUp® plugin will be installed automatically. If you need to operate multiple versions of SketchUp® on the same computer, you will have to manually copy two files to use Window Studio®14.1 with all your installed versions of SketchUp®. ***(You will need administrator privileges in order to add files to the Program Files (x86) directory)***

Because there were major changes between SketchUp® versions 2013 and 2014, the instructions for manually moving files are different with each version: Follow these instructions after successfully installing Window Studio® 14.1.

SketchUp® 2013 (includes versions 7, 8, Make and Pro)

1. Find and copy the following two files from the Window Studio 14.1 program directory:
   C:\Program Files (x86)\Window Studio 14.1\SketchUp\Plugins\Ruby18\AndersenWindows_extension.rb
   C:\Program Files (x86)\Window Studio 14.1\SketchUp\Plugins\AndersenWindows_extension.ini
2. Paste both files into the Plugins folder for SketchUp 2013:
   C:\Program Files (x86)\SketchUp\SketchUp 2013\Plugins

SketchUp® 2014 (includes Make and Pro)

1. Find and copy the following two files from the Window Studio 14.1 program directory:
   C:\Program Files (x86)\Window Studio 14.1\SketchUp\Plugins\Ruby20\AndersenWindows_extension.rb
   C:\Program Files (x86)\Window Studio 14.1\SketchUp\Plugins\AndersenWindows_extension.ini

2. Paste both files into the AppData\Roaming\SketchUp\SketchUp 2014\Plugins folder for SketchUp 2014:
   C:\Users\[YOUR NAME]\AppData\Roaming\SketchUp\SketchUp 2014\SketchUp\Plugins

   NOTE: The AppData folder containing the Plugins folder is often hidden to users. If you don't see the AppData folder, visit this Microsoft site to learn how to view hidden folders.

Installation Notes

1. There is no need to uninstall previous versions of Window Studio®. Installation of 14.1 will automatically uninstall any previous versions.
2. Window Studio® 14.1 requires the .NET 3.5 framework. Older systems missing the .NET 3.5 framework will download and install the framework upgrade during the Window Studio installation. Windows 8 and 8.1 systems will also have to download and install the framework. This can take several minutes but the delay will be dependent on your internet connection.
3. Plug-in host programs like Revit® or SketchUp® MUST have already been installed before installing Window Studio® 14.1. Window Studio® will only show up in the host program menu if it is installed after installing Revit® and/or SketchUp®. REMINDER: Revit 2015 and newer no longer recognizes the Window Studio® plugin.
4. Window Studio® has been installed and operated on an Apple Macintosh® computer using Parallels™ Desktop 5 Windows emulator and Bootcamp™. Once installed properly, the Window Studio® plug-in has been demonstrated to correctly generate symbols. However, Andersen® does not formally support and has not completely tested configurations for the Macintosh®. In some cases users have reported that some configuration files must be manually placed into the SketchUp® program directory. We appreciate any reports of your experiences running Window Studio® on your Macintosh. Please report your experiences to windowstudio@twgi.com.
5. Window Studio® will install and run on a Windows XP operating system, but accessing the Help files (Help | Contents) or running Check Version (Help | Check Version) will result in a program crash. Windows XP is no longer supported by Microsoft and some program incompatibilities are unavoidable.

Window Studio® Support Information

If you experience any problems installing or running Window Studio®, please contact one of our software experts by telephone or email.

- Telephone 952-939-1877 - support (Central Time): 8:00am to 5:00pm, Monday through Friday
- Email windowstudio@twgi.com

Revit® and SketchUp® FYI (valid for versions prior to Revit® 2015 and all versions of SketchUp®)

1. *Revit®*: The embedded plan view of a window or door in generated Revit families will stretch if the host wall is thicker than the standard 5" wall.
2. *Revit®*: Generated families of window and door combinations will show a thin sliver of wall between units. Subsequent manual application of trim on the exterior or interior can cover this wall sliver. Additional means of eliminating the thin wall slivers can be found in Window Studio® Help, under "REVIT: Eliminate Wall Slivers in Combinations".
3. *Revit® and SketchUp®*: Exterior trim configured in Window Studio® is not yet included when creating the Revit® or SketchUp® symbol. This feature may appear in a subsequent release of Window Studio.
4. *Revit® and SketchUp®*: Each generated family (Revit®) and Component (SketchUp®) is given a unique name that roughly represents the unit's or units' type within the design. In some cases this name may remain, even when the units in the design are significantly changed.
5. *Revit®*: Revit® may insert generated window and door families backwards in walls when the units are deeper than 7" (due to long extension jambs or door swing indicators). This is due to a problem with Revit®. Autodesk

acknowledges this issue and is working to resolve it. Note, in some views, pressing the TAB key will change the orientation while inserting.

6. *Revit®*: When an instance is edited, brought back to Revit, and the user selects, "Change only the selected instance to match the modifications you made", there will be occasions when the edited unit will return to the wall oriented backwards. This can happen based on a combination of wall thickness, frame depth, the choice of extension jamb or stool options, and when an interior arch casing is included.
7. *Revit® and SketchUp®*: The choice of Patterned Glass in the Architectural Folding Door is not visually represented in the Revit® or SketchUp® symbol; however this glass selection affects available sizes.
8. In *Revit®* 2010, during the rendering of a family and type, Revit® may present the following warning:
   "Line in Sketch is slightly off axis and may cause inaccuracies"
   This message can safely be ignored. It occurs due to an assumption by Revit® that all lines in a family must have been manually created using the family editor, and should lie accurately along a vertical, a horizontal, or a 45 degrees, axis. Revit® made this assertion because of the inherent difficulty in automatically determining a point from which to associate a dimension to an entity not in compliance with this assertion. In Revit 2011 and later Window Studio suppresses this message.
9. *Revit® and SketchUp®*: Sometimes there will be a visible gap between the wall and the inserted unit. Most units come with a nailing flange that would hide this gap in a physical assembly. Window Studio® does not render the nailing flange when creating a Revit® or SketchUp® symbol. This is most common with units that are designed with an exterior perimeter measurement that is greater than the interior perimeter measurement.