

CSiXRevit v2022.0.0 Release Notes

© 2021 Computers and Structures, Inc.

Notice Date: 05-October-2021

This document lists changes made to CSiXRevit since v2021.1.0, released 05-April-2021. Items marked with an asterisk (*) in the first column are more significant.

External Import and Export

Enhancements Implemented

*	Ticket	Description
*	6646	CSiXRevit 2022 is a new product that integrates into Revit 2022 and supports data exchange between Revit 2022 and either ETABS (v15.0.0 and later), SAP2000 (v17.2.0 and later), or SAFE (v14.0.0 and later). Data is transferred through a neutral file with extension .EXR so that ETABS, SAP2000, or SAFE do not need to be present on the same machine as Revit 2022.
	7234	An enhancement has been made to the import of .EXR files. When CSiXRevit is unable to create or update the Revit shared-parameters file, it displays an error message, as it did in earlier versions, but now with more details on the nature of the problem and on how to fix it, but also without the option to proceed with the import until the error is corrected. Proceeding with the import in spite of such errors is no longer allowed because it can result in duplicate Revit elements being created when later attempting to re-import from the ETABS, SAP2000 or SAFE model to update the Revit project.

Graphics

Enhancements Implemented

*	Ticket	Description
	6680	An enhancement has been implemented which addresses an issue with semi-complete installations of Revit. An error message is displayed and the import does not proceed when the user attempts to import an .EXR file on a computer where the Revit "core" content has been installed but no "additional" content packs have been installed. Core content only includes project templates and family templates whereas "additional" content packs include predefined families. Revit additional content packs can be installed from this location: https://knowledge.autodesk.com/support/revit-products/downloads/caas/downloads/content/autodesk-revit-2022-content.html

**External Import and Export
Incidents Resolved**

*	Ticket	Description
	7213	An incident was resolved that addressed two issues affecting the re-import of load combinations from ETABS, SAFE, or SAP2000 models into Revit projects: (1.) Re-definitions of a load combination whose name started with a number followed with a colon, such as "200:1.4D", were not being processed. When this occurred, the log file reported that CSiXRevit had been unable to add a load combo with that name. (2.) For any unchanged load combination with such a name, the log file reported that CSiXRevit had been unable to add a load combination with that name, even though the load combination was already in the project and there was no need to add it. In both cases, the original load combination definition was retained.
	7216	An incident affecting the import of walls from ETABS, SAFE or SAP2000 into Revit has been resolved. When some of the walls to be imported had a slightly sloped base, within 2 degrees of horizontal, none of the walls would be imported. When this occurred, Revit displayed an error message that it could not make "a wall" and the error was visually obvious in the imported model. Now walls with a slightly sloped base or top will now have their geometry realigned to horizontal during import, and the adjustment will be reported in the .EXRLog file. This allows the import of the other walls to proceed unimpeded. Walls with a base or top sloped greater than 2 degrees will not be changed as these were previously imported without any difficulty.