

Known Issues

Platform

Inventor 2021.1 expanded the use CEFSharp (version number 69) in replacement of AdCefWebKit. This is used by Inventor's My Home, Guided Tutorials, Team Web, Shared Views, & Duplicate Search functionality. 3rd Party (non Autodesk) AddIns could have problems if they use an older version of CEFSharp and are also loaded. This could lead to Inventor crashing on startup. Known impacted AddIns are:

Substation Design Suite

SBS Cloud Model Editor

As a work around, those AddIns should be unloaded before starting Autodesk Inventor. The addins will need to be rebuilt using CEFSharp v69 to ensure future compatibility. *INVGEN-38178*

Fixed Issues

3D Annotation

Resolved an issue where Tolerance Feature annotations displayed incorrect tolerance values. *INVGEN-37598*

Add-Ins - Bonus Tools

Resolved a Save and Replace Component issue where save failed when the name included the "|" character. *INVGEN-34888*

Add-Ins - Cable and Harness

Resolved issue where the position of the Cancel button in the Cable & Harness Library editor kept changing. *INVGEN-39331*

Resolved issue where incorrect units for Cable & Harness segment diameter displayed in the drawing environment. *INVGEN-40333*

Resolved issue with misaligned Save & Cancel buttons in Cable & Harness Library dialog. *INVGEN-42569*

Add-Ins - Content Center

Resolved an issue where c:\Users\\AppData\Roaming\Autodesk\Inventor 2021\Content Center\Settings\Favorites.xml continued to increase in size. It now reduces its size back to previous state when items are added or removed. This also applies to project files, where Favorites are also stored. *INVGEN-36206*

Resolved issue where Content Center Favorites in a Project file were not being migrated. *INVGEN-36393*

Resolved issue where changing the size of an existing custom Content Center part, the DisplayName would be marked as overridden after the operation. *INVGEN-36818*

Improved Content Center family table editor performance. *INVGEN-36983*

Improved stability when creating a new Content Center category. *INVGEN-37825*

Add-Ins - Cable and Harness

Several sub-categories are added to the tube and pipe authoring tool, making it possible to publish components for those categories. Added Categories include: Reduced Tees, Reduced Crosses, Reduced Elbows, Street Elbows, Reduced Y Bends, Elbow Unions, Angle Valves, Gate Valves, Globe Valves, Lift Check Valves, and Swing Check Valves. *INVGEN-39314*

Add-Ins - Design Accelerator

Fixed an issue in the Shaft UI where the polygon icon was missing. *INVGEN-37048*

Resolved issue with where the option for selecting concentric references for placing bolted connections was preventing you from choosing concentric references from multiple parts. *INVGEN-39898*

Fixed an issue where a hole in a pattern was not populated by Bolted Connection. *INVGEN-40997*

Resolved an issue in the Shaft UI where the polygon icon was missing. *INVGEN-41660*

Add-Ins - Frame Generator

Fixed an issue that the Frame Generator in-canvas Mirror glyph was not sharp on a 4k display. *INVGEN-35353*

Resolved Frame Generator issue with CTRL + click not working properly. *INVGEN-35374*

Resolved issue preventing you from creating Frame Generator notch profiles. *INVGEN-36018*

Fixed an issue where a frame member could not be deleted after using the reuse frame member command. *INVGEN-36035*

Improved error handling for replacing curved frame members when there are disconnected path segments in the skeleton. *INVGEN-37016*

The Frame Generator Trim/Extend Tool select is now active after you click Apply. *INVGEN-37047*

Frame Generator commands, such as Insert/Miter/Notch, are now disabled in the Weldment sub-environments - Welds/Machining/Preparation. *INVGEN-37094*

We unified the tooltip and property panel text and added a missing tooltip in Frame Generator. *INVGEN-37110*

Resolved an issue preventing insertion of migrated Frame Generator members. *INVGEN-39250*

The following issue has been fixed. Previously you could not select a frame member to reuse if was previously selected for reuse, the Break Reuse Members command was used, and the reused member was deleted. *INVGEN-39359*

Resolved an issue where selecting a workplane feature as a face for Trim/Extend command caused Inventor to close abruptly. *INVGEN-39410*

Improved stability when changing the size of a frame. *INVGEN-39976*

Resolved issue with the orientation of a 9 dot grid not behaving as expected. *INVGEN-39979*

Resolved issues in the API method CurveGraphics.Curve. *INVGEN-40323*

Add-Ins - Design Accelerator

Resolved a Frame Generator issue where an updated two segment path degenerated one segment into a single point resulting in a crash. The crash is resolved, Best practice is to delete the degenerated frame member path and create a new one. *INVGEN-40768*

Cut for end treatments is now correct. The G_L length is now calculated by the frame algorithm and not by the start and end planes of the frame *INVGEN-41063*

Fixed a crash issue when using Frame Generator Trim/Extend for curved members. *INVGEN-42001*

Add-Ins - Mold Design

Fixed an issue that the Cold Well did not update in the display after an edit operation. *INVGEN-2948*

Fixed an issue that the Return button was grayed out in the ribbon after a Mold Base Author operation. *INVGEN-37193*

Improved stability when creating route. *INVGEN-42260*

Add-Ins - Simulation - Frame Analysis

Resolved localization issue in the Robot Structural Analysis Export dialog box. *INVGEN-36443*

Add-Ins - Simulation - Stress Analysis

Resolved a problem in stress analysis when two or more parts have the same name by adding a new error message:

"Can't run the study. Multiple component names contain the same index. Rename following components: %s" *INVGEN-33726*

Resolved a Stress Analysis Parametric table issue caused by filtering the table. The filter options is removed. *INVGEN-37733*

Resolved a Stress Analysis Parametric Table issue encountered with a specific workflow that resulted in a crash. *INVGEN-37734*

Resolved a Stress Analysis issue where, under certain conditions, the docked window Parametric Table would display data from the previous simulation. *INVGEN-37809*

Fixed a Stress Analysis Parametric Table issue in connection with a standard part converted from a sheet metal part. Adding a value to the Thickness parameter resulted in a crash. *INVGEN-38069*

Add-Ins - Tube and Pipe

Resolved Tube & Pipe style issue related to custom hose/fitting. *INVGEN-2722*

Fixed T&P routing triad color issues occurring on some localized builds. *INVGEN-3770*

Improved stability and robustness when working in the Tube & Pipe environment. *INVGEN-31735*

Internal issue - Resolved an issue where tube & pipe objects were not updating when paths changed. *INVGEN-35981*

Tube and Pipe: Fixed an issue that the change direction keystroke was not responsive in a new route. *INVGEN-35982*

Add-Ins - Simulation - Stress Analysis

Tube and Pipe: Fixed an issue that the UI froze when a modal dialog was placed under a property panel during an in-place edit. *INVGEN-37177*

Resolved an issue that prevented changes to fitting orientation in the Tube & Pipe environment. *INVGEN-37195*

Resolved a Tube and Pipe update issue with the 2019 Tube and Pipe sample files by updating the sample files. *INVGEN-38650*

Resolved an issue where a route loses adaptivity when a workplane is included in the route and the route is changed multiple times. *INVGEN-40163*

Resolved an issue that prevented changes to fitting orientation in the Tube & Pipe environment. *INVGEN-40931*

Add-Ins - iLogic

If a file is read only generating iLogic code and copying to to the iLogic code clipboard is blocked. *INVGEN-36645*

Fixed the issue with the keyboard shortcut CTRL+U - uncomment lines in iLogic rule editor, not functioning in the Rule Editor. *INVGEN-37285*

Resolved an iLogic issue where Form label order was lost when there is more than 8 controls in a row. *INVGEN-39544*

AnyCAD

When importing a Revit file, the translate and import progress bars now appear on the same monitor as Inventor. *INVGEN-34113*

FileManager.CanCADFileBeAssociativelyImported now can be delivered as True for Revit (.rvt) files. *INVGEN-38011*

Resolved an issue preventing Multi-Level linked RVTs from being imported using the Reference Import workflow. *INVGEN-40442*

Fixed an issue that some Revit elements were not exportable to Inventor. *INVGEN-40823*

Revit files with non-ASCII characters in their names now update properly. *INVGEN-41123*

Fixed a performance issue with checking AnyCAD file into Vault due to slower opening AnyCAD file under invisible mode. *INVGEN-42391*

Assemblies - BOM

Resolved issue with the Bill of Materials (BOM) where dates that were added as a column were not appearing correctly in the BOM. *INVGEN-37090*

Capitalizing an assembly in the BOM using the context menu no longer expands the children files. *INVGEN-37729*

Assemblies - Constraints-Joint-Assemble

Improved stability when using Joints in assemblies. *INVGEN-39439*

Assemblies - BOM

Fixed an issue where custom constraint names are replaced with standard names during Promote/Demote of models. *INVGEN-39449*

Assemblies - Derived-Shrinkwrap

Resolved an issue that a new component does not display after Check for Updates in a shrinkwrap or substitute part. *INVGEN-31427*

Improved the stability of the Shrinkwrap command when the computer runs out of memory. *INVGEN-38556*

Fixed the regression that substitute parts were not saved after updates made by the "Check for Updates" command. *INVGEN-39639*

Fixed a crash issue when you clicked the Parameters command while editing a Shrinkwrap Substitute. part. *INVGEN-39810*

Improved the performance of Detect Features in the Shrinkwrap command. *INVGEN-39886*

Assemblies - Hole

Resolved VBA issue where running VBA code in an assembly file to set the depth of a hole feature would generate errors. *INVGEN-35947*

Assemblies - Pattern

Weld positions now update with Pattern update. *INVGEN-35260*

Assemblies - iAssembly

Improved a performance issue that occurs when editing iComponents via Excel. *INVGEN-34952*

iAssembly BOM Quantity overrides for an iPart of an iAssembly instance are handled correctly. *INVGEN-36655*

Some table operations made via "Edit Table" on iParts or iAssemblies can leave the underlying spreadsheet references in an unresolved state.

Workaround: Use "Edit via Spreadsheet" instead of "Edit Table". *INVGEN-37312*

Drawings

Improved stability when saving the update during opening drawing file. *INVGEN-37341*

Desktop Viewer

Fixed the issue where Inventor view lost the ipj. file association after running in Read-Only mode. *INVGEN-26523*

Added the Open Drawing command to the right click menu in Inventor Read-Only Mode. *INVGEN-37251*

Drawings - Annotations

Resolved an issue that hole and thread notes were missing after editing an assembly sketch. *INVGEN-37314*

Drawings - Annotations

Drawings - Annotations - Balloon

Resolved issue where the Edit Arrowhead dialog box wasn't displaying well on 4K monitors. *INVGEN-34081*

Fixed an issue where a crash occurs when right-clicking a balloon attached to a virtual part in a draft view. *INVGEN-38319*

Improved stability of Inventor when manipulating balloons in a file with deferred mode enabled. *INVGEN-42238*

Drawings - Styles

Fixed the color of alignment / reference lines on black drawing sheets. *INVGEN-37131*

Drawings - Tables

Resolved issue where revision tags were not populating correctly from custom vault revision tables. *INVGEN-36347*

Improved Inventor stability when adjusting row heights in drawing Parts Lists. *INVGEN-39352*

Fixed a crash caused by some excel templates when exporting a parts list. *INVGEN-40690*

Fixed font and justification issues when exporting parts lists when using a template. *INVGEN-41716*

Drawings - Views

Improved stability when deleting a section or base view after moving Hole and Thread notes from a section view to base view. *INVGEN-37415*

Fixed a stability issue that inventor crashes when you edit a break out view and enable show hidden edges. *INVGEN-37772*

Improved stability when pasting cropped drawing views. *INVGEN-38023*

Resolved a drawing performance issue when moving or editing a drawing view containing complex multi-solid bodies. *INVGEN-39045*

Improved stability when creating a Break out view from a Section view with Show Hidden Edges enabled. *INVGEN-39214*

Resolved an issue that a pasted view is off the sheet when the cursor is on the browser pane. *INVGEN-39430*

Resolved a drawing issue where hovering over a component pattern browser node caused a crash. *INVGEN-40475*

Parameters

Resolved an issue preventing you from breaking OLE links to disconnect the linked content. *INVGEN-37735*

Parts

Improved stability in cases where a missing attribute caused the application to terminate. *INVGEN-39910*

Parts - 2D Sketch

Resolved issue where hidden nested block(s) unexpectedly display after feature edit/profile selection. *INVGEN-37245*

Parts - Extrude-Revolve-Sweep-Coil

When editing in place the nodes in the Solid Bodies browser folder are kept up to date. *INVGEN-38830*

Removed "Path does not intersect the profile" warning for sweep as it is no longer relevant. *INVGEN-39465*

Improved stability when selecting path and guide rail when creating guide sweep if either path or rail contains zero length curves. *INVGEN-39788*

Parts - Fillet-Chamfer

Resolved the Fillet dialog issue where Automatic Edge Chain activates even though the option was "off" initially. *INVGEN-34515*

Parts - Hole-Threads

Resolved an issue that thread feature does not remember last settings while apply and create new thread. *INVGEN-34690*

Improved stability when dragging the point of a hole to a projected point. *INVGEN-37357*

Improved stability when calling the API method SetThreadDepth. *INVGEN-39188*

Resolved a Hole command issue where preset values were not being preserved. *INVGEN-42503*

Parts - Measure

A workaxis is treated as an infinite line when measuring. This resolves an issue where measuring from centermark to workaxis treated the axis as a line segment. *INVGEN-38993*

Parts - Migration

Using Rebuild All resolves an EOP marker issue for cyclical constraints. *INVGEN-2804*

Parts - Sheet Metal

Improved the accuracy of the 2D Punch representation on a Flat Pattern. *INVGEN-36987*

Parts - iFeature-iPart

Resolved an issue with the iPart Break Link command. *INVGEN-39809*

Resolved an issue where the suppression status of feature pattern occurrences for iPart member generation wasn't working correctly. *INVGEN-40963*

Platform

Resolved issue where an addition en-US folder under the Template folder was being created. *INVGEN-27793*

Improved stability when reading Inventor Rse data streams. *INVGEN-32828*

An unresolved reference no longer has its library name and reference location type fields cleared when a document is saved *INVGEN-37253*

Parts - iFeature-iPart

Resolved a crash where closing files after opening them by double clicking on them in Windows Explorer. *INVGEN-37505*

The Project folder path in Application Options is now saved. *INVGEN-39400*

Restored the original behavior to open Inventor when you double-click project files (ipj) *INVGEN-39792*

Increased reliability of parameters for designs with linked spreadsheets. *INVGEN-40378*

Resolved an issue with the Dark color scheme where a graphic element was incorrectly named. *INVGEN-40479*

Increased reliability when working with iLogic rules. *INVGEN-40488*

Improved stability when using edit in place. *INVGEN-40886*

Linked OLE object are no longer deleted when using Break Link in the Links dialog. *INVGEN-41538*

Platform - API

Improved stability with Apprentice API operations. *INVGEN-32396*

Resolved API issue preventing the visibility property of SurfaceBody not returning correctly in some cases. *INVGEN-32841*

Fixed an issue in the API where a close event was empty when selecting undo. *INVGEN-41739*

Platform - Graphics

Resolved the issue that Zoom changed when you interacted with the graphics in perspective view. *INVGEN-39282*

Platform - Graphics - Drawing

Resolved issue causing an offset surface with a small distance to not be visible in isometric views in drawing files. *INVGEN-38216*

Presentations

Resolved an issue that custom shortcut keys and marking menu view commands are not working in Presentations. *INVGEN-37196*

Translators

Resolved the issue that SolidEdge frames imported as individual parts overlapped each other in Inventor. *INVGEN-34519*

Resolved the issue that Export flat pattern creates a zero length line segment in the polyline. *INVGEN-34835*

Resolved issue preventing the export of Factory datasets to a dwf/dwfx file. *INVGEN-34914*

Resolved issue where AutoCAD blocks weren't being inserted correctly in Inventor. *INVGEN-37238*

Improved performance when importing JT file with Wire option. *INVGEN-37588*

Resolved an issue where pages were not properly cropped in an exported pdf file. *INVGEN-37888*

Translators

Improved stability when exporting PDF and DWF files. *INVGEN-38220*

Added CATIA V5-6R2020 import and export support in Inventor 2021.1. *INVGEN-38484*

UI

Resolved an issue where dragging browser or property panel tab lost association with the cursor. *INVGEN-16585*

Improved stability when deleting an OLE object. *INVGEN-39438*