

Fixes and Enhancements

Creo Elements/Direct® Modeling 20.7.0.0

Please find below the list of fixes and enhancements - as of April 4th, 2024 - that have been implemented for Creo Elements/Direct Modeling and Creo Elements/Direct 3D Access 20.7.0.0.

What's New:

Click the [link](#) to check What'sNew in the release!

NOTE:

The relations solver has been enhanced in Creo Elements/Direct Modeling 20.3 to provide improved solutions for assembly and parametric relations especially for cases involving tangential transitions within fully constraint model geometry. At the same time this might lead to differently calculated solutions for under-constrained relation sets.

This change might therefore affect existing animations created with previous versions of Creo Elements/Direct Modeling containing relations or involving positional movement of parts. Existing animations capturing positions of models moved by dragging using 3D Copilot could yield in slightly different final positions of the models.

List of fixed SPRs:

ID	Module	Description	Release
15060525	3D Access	IGES and SAT modules are not loaded at startup.	Modeling 20.7.0.0
14805847	Advanced Design Simplification	Stabilize the Simplification Module.	Modeling 20.7.0.0
14716639	Annotation	Annotation becomes unresponsive when attempt to place user defined symbol without an Annotation drawing.	Modeling 20.7.0.0
14935954	Annotation	Values of 'OutputDrawingFormat' needs to be in sync with CVA implementation.	Modeling 20.7.0.0
15041219	Annotation	Issue observed in Absolute size in Edge and Moulding Symbol	Modeling 20.7.0.0
15124843	Annotation	Performance hit on printing a drawing with Searchable text from Annotation/Drafting.	Modeling 20.7.0.0

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13520019	Annotation - Dimension	Dimension fix texts are taken over to next dimension where it shouldn't	Modeling 20.7.0.0
14869288	Annotation - Dimension	In Annotation, when a dimension is placed when creating a dimension, it is highlighted in Creo Elements/Direct Modeling	Modeling 20.7.0.0
15264838	Annotation - Dimension	A measure in the annotation cannot be set as tolerance type Basic	Modeling 20.7.0.0
9107113	Annotation - Filing	Some variables from DXFDWG Configurator UI are not captured in *.con file.	Modeling 20.7.0.0
14608953	Annotation - Symbol	In "Annotation" the width of dialog boxes for "Symbols" cannot be changed anymore in Creo Elements/Direct Modeling	Modeling 20.7.0.0
15043821	Annotation - Symbol	Absolute size of symbol text of Moulding and Edge symbols does not reflect the changes made, while relative size does.	Modeling 20.7.0.0
14180062	Annotation - Text	After upgrading to Version 20.4.2.0 some fonts in "Annotation" appear bold after printing or exporting to PDF in Creo Elements/Direct Modeling	Modeling 20.7.0.0
14673727	Annotation - Text	When trying to edit a text in "Annotation" the error message "LISP error: The function DOCU::SET-MULTI-LANG-RIGHT-CLICK-INSERT-ALLOWED is undefined" appears in Creo Elements/Direct Modeling	Modeling 20.7.0.0
14674003	Annotation - Text	In "Edit Text" command, LISP error "The function DOCU::SET-MULTI-LANG-RIGHT-CLICK-INSERT-ALLOWED is undefined"	Modeling 20.7.0.0
14822960	Annotation - Text	When a "Text" with two lines is saved as a template with command "Define Text as Template" in "Annotation" the font size and colour of the second line will change in Creo Elements/Direct Modeling	Modeling 20.7.0.0
9873767	Annotation - View	Unable to create a new Annotation 2D View if temp disk space is larger than 2TB	Modeling 20.7.0.0
14604907	Annotation - View	Modeling crashes on creating drawing view of a part having pattern of stepped holes from Machining features.	Modeling 20.7.0.0
14610215	Annotation - View	For two instances of hole, Bolt Circle Dia (BCD) is getting created as garbage for Tapped Holes and Through Holes	Modeling 20.7.0.0
13652721	Annotation - View Update	When adding a view to a drawing where the owner is an inseparable object the existing views need to be updated	Modeling 20.7.0.0
14602975	Annotation - View Update	Bolt circle radial lines are not aligned radially after a user modifies the pattern (adds/removes an instance of hole) in Modeling and updates the view in Annotation.	Modeling 20.7.0.0
14603168	Annotation - View Update	Garbage elements are created after view update.	Modeling 20.7.0.0

13755503	Base Functionality - Modeling	CEDM occurrence values are propagating to different component ID after publishing, this also causes issue in cad-wt part compare	Modeling 20.7.0.0
14164789	Base Functionality - Modeling	WVS Job logs For Additional file format conversion for drawings in case of error reporting Shows as "Converting Model to Format INVENTOR"	Modeling 20.7.0.0
14321963	Base Functionality - Modeling	Support multi-byte characters for CEDM	Modeling 20.7.0.0
14829379	Base Functionality - Modeling	AR "Publish Model" and "Manage Model" are not available in Creo Elements/Direct Modeling.	Modeling 20.7.0.0
14904594	Base Functionality - Modeling	Importing '0.pkg' file and '1.pkg' file in Modeling shows error.	Modeling 20.7.0.0
14932392	Base Functionality - Modeling	Error "Failed to authenticate user" is shown during AR workflow.	Modeling 20.7.0.0
15061986	Base Functionality - Modeling	AR published models does differ on the basis of Viewable quality - low, medium, high. The recipe files from "prodview" folder are not picked programmatically for creating pvz files.	Modeling 20.7.0.0
15132165	Base Functionality - Modeling	Workplane not modified when geometry is draw using Palette group.	Modeling 20.7.0.0
14575218	File server	If install MEIs with the "HTTP" type, then start it again with the installer and run it with "Modify", get warning message related to "nginx.conf"	Modeling 20.7.0.0
14849823	Installation - Modeling	Update File version/Product version for these two binaries SD.exe and SDkill.exe.	Modeling 20.7.0.0
14876277	Installation - Modeling	Rename all the occurrences of "costmodel.lsp" => sha_costmodel.lsp at Cost estimates, etc. in Help Centre.	Modeling 20.7.0.0
14901729	Installation - Modeling	Modeling 20.7 critical vulnerability - affects DoD	Modeling 20.7.0.0
14954662	Installation - Modeling	Package recipe editor with CED installation	Modeling 20.7.0.0
15109001	Installation - Modeling	Remove cpio.exe	Modeling 20.7.0.0
15229904	Installation - Modeling	Registry entries are not cleared after uninstallation of products.	Modeling 20.7.0.0
14202299	Integration Kit	"sd-return-to-model-checkpoint" function not working in Creo Elements/Direct Modeling	Modeling 20.7.0.0
9728552	Interfaces - DWG/DXF	DXFDIR path won't be recognized in Creo Elements/Direct Modeling	Modeling 20.7.0.0

15124265	Interfaces - DWG/DXF	Providing outputDrawingFormat recipe option through additional recipe file doesn't create correct format (dwg/pdf)	Modeling 20.7.0.0
13306463	Interfaces 3D	After store a file in eDrawings professional format the software raises the message Error LISP: Improper number vector syntax at every graphical pick or graphical selection	Modeling 20.7.0.0
14585920	Interfaces 3D	Worker configured with CEDM 20.5.1 is unable to process larger assemblies	Modeling 20.7.0.0
14816690	Interfaces 3D	When trying to export 3D data as PVZ the error message "Action failed save_pv/signal/sigsegv" occurs in Creo Elements/Direct Modeling	Modeling 20.7.0.0
14816908	Interfaces 3D	When loading "PVZ" models which were created in "Creo Elements/Direct Modeling" holes and blends are shown as squares in Creo View	Modeling 20.7.0.0
14827199	Interfaces 3D	AR publishing fails when Creo View MCAD module is removed from Startup list in Modules.	Modeling 20.7.0.0
14617508	Interfaces 3D - Creo	When exporting 3D data as PVZ the error save_pv/signal/sigsegv occurs	Modeling 20.7.0.0
15168988	Interfaces 3D - Creo	Modeling crashes on import of Creo multibody files.	Modeling 20.7.0.0
14845467	Licensing - Modeling	Support MEIs with latest NGINX version.	Modeling 20.7.0.0
15035886	Licensing - Modeling	Random / garbage value displayed in Modeling query and xml generated by Modeling.	Modeling 20.7.0.0
15043994	Licensing - Modeling	Support for SCN and Customer number separated with only ':'. with only ':'.	Modeling 20.7.0.0
14406923	Modeling	Publish multi sheet mi file as DXF output, then all sheets are publishing in sheet1.	Modeling 20.7.0.0
14520232	Modeling	CEDM DAPI toolkit update to CV 10.0	Modeling 20.7.0.0
14665737	Modeling	Unable to save newly selected Master 2D to Manager Server	Modeling 20.7.0.0
14885636	Modeling	When CED part has Base density value set to "None" and imported to Creo, newly created Material should get density value as 1.	Modeling 20.7.0.0
14885673	Modeling	When .pkg file has "." in its name, Material name is not coming correctly when imported to Creo	Modeling 20.7.0.0
14886378	Modeling	Transferred CED Material name length is restricted to 30 characters. Long name should be truncated and limited to 31 characters	Modeling 20.7.0.0

14897748	Modeling	CEDM Worker hang and fails with timeout if publishing user does not have valid windchill license.	Modeling 20.7.0.0
15038526	Modeling	CEDM worker fails to Export XVL as alternate file format.	Modeling 20.7.0.0
15070985	Modeling	Positioning assembly representation with multi-byte file name for parts/sub-asm for a CEDM assembly does not load them in Creo View Client.	Modeling 20.7.0.0
15130995	Modeling	In assembly instance density parameter value is not scaled like part level parameter	Modeling 20.7.0.0
15132157	Modeling	Windchill auth admin password is not masked for CEDM failed job scenario.	Modeling 20.7.0.0
15202332	Modeling	Creo View Adapter 11.0 configured in multibyte folder using CE/D Modeling 20.7 cannot publish mi drawing files. It is throwing "No write access for file.....".	Modeling 20.7.0.0
14789624	PartLibrary	Critical vulnerability in Ghostscript gswin32c.exe and gsdll32.dll	Modeling 20.7.0.0
7938853	PCB/IF	Information about " Clean Geo" option under Creo Elements/Direct PCB module not documented in PTC Help Centre	Modeling 20.7.0.0
15126223	Plot / Print Modeling	The option 'Searchable Text' is seen for all types of printers in Print UI. Need to hide this except for PDF_GENERIC printer.	Modeling 20.7.0.0
15127788	Plot / Print Modeling	Segmentation violation error on plotting a drawing with searchable text.	Modeling 20.7.0.0
15128165	Plot / Print Modeling	Pen width and line width is not shown in plots with searchable texts.	Modeling 20.7.0.0
15147279	Plot / Print Modeling	Multi language texts are not searched in pdf when drawing is plotted with the option 'Searchable text' ON.	Modeling 20.7.0.0
15072839	User Interface - Modeling	Viewport background image disappear after using a configuration or loading mode	Modeling 20.7.0.0
14509916	WGM for Modeling	For a selective instance data inside an assembly, unique comp ID is not seen same as Windchill ID	Modeling 20.7.0.0
8755370	Workplanes/Work planeSets	2D-Copilot will disappear when editing the second coordinate value on the workplane in Creo Elements/Direct Modeling	Modeling 20.7.0.0

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