

Fixes and Enhancements

Creo Elements/Direct® Modeling 20.4.4.0

Please find below the list of fixes and enhancements - as of November 27th, 2023 - that have been implemented for Creo Elements/Direct Modeling and Creo Elements/Direct 3D Access 20.4.4.0.

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.

ID	Module	Description	Release
9911672	2D Geometry	Cannot create 2D geometry on a WP in Modeling.	Modeling 20.4.0.0
11209302	3D Access	3D Access: 'Reduced point feedback' is seen in RMB and throws error.	Modeling 20.4.0.0
7112067	Advanced Design Simplification	Interface is freezing in Creo Elements/Direct Modeling Advanced Design Relations	Modeling 20.4.0.0
7319133	Annotation	Copy Sheet does not Copy Texts, Geometries whose Owner is Sheet.	Modeling 20.4.0.0
9521380	Annotation	User unit definition for importing DXF / DWG files won't be executed in Creo Elements/Direct Annotation.	Modeling 20.4.0.0
10163312	Annotation	Creo Elements/Direct Modeling exits prematurely when renaming sheet name	Modeling 20.4.0.0
10352599	Annotation	(SD-AM-INQ-SHEET NIL) throws LISP ERROR: NIL cannot be coerced to a C double	Modeling 20.4.0.0
10574858	Annotation	Dimension cannot be attached between a view and its sketch in Annotation	Modeling 20.4.0.0
11166405	Annotation	(SD-AM-INQ-SHEET NIL) throws LISP ERROR: NIL cannot be coerced to a C double	Modeling 20.4.0.0
11198791	Annotation	Selection list is seen in Annotation module.	Modeling 20.4.0.0
11242948	Annotation	Annotation crash caused by symmetry line and gather command	Modeling 20.4.0.0

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12033100	Annotation	Attach drawing to variant is not working correctly for assemblies with Stock/Finish relations	Modeling 20.4.0.0
12425368	Annotation	Annotation: Symbols: Surface finish symbol doesn't remain in correct alignment with reference while moving the parent diameter dimension.	Modeling 20.4.0.0
12453122	Annotation	For new surface finish symbols -> Icons are not unique.	Modeling 20.4.0.0
12454406	Annotation	When user changes the tolerance symbol to "position", then third row of composite feature control frame gets broken.	Modeling 20.4.0.0
12454453	Annotation	Bad example within the table for "Symbol is snapped to geometric tolerance" >> "Stacked tolerances"	Modeling 20.4.0.0
12459626	Annotation	Surface finish symbol ISO (1302 - 2002) UI is not as per specifications.	Modeling 20.4.0.0
12574074	Annotation	Arrow Fill is not getting set to Default value from Ref Line Properties command.	Modeling 20.4.0.0
8216835	Annotation - Dimension	Plus Minus sign is lost when using degree/minutes format for the tolerances for angle dimension in Creo Elements/direct Modeling	Modeling 20.4.0.0
11256851	Annotation - Dimension	Unable to load .bdl file in Modeling which has dimension created	Modeling 20.4.0.0
9653261	Annotation - Drawing & Sheet	When geometric tolerance symbols in Annotation drawings can be corrected with "Edit Symbol", Annotation drawing cannot be saved in the workspace.	Modeling 20.4.0.0
9884722	Annotation - Drawing & Sheet	Creo Elements/Direct Modeling crashes after entering a wrong sheet name in Drawing Browser of Annotation	Modeling 20.4.0.0
10060608	Annotation - Drawing & Sheet	Cannot saved to workspace nor check in to windchill a drawing dragged and dropped from local disk	Modeling 20.4.0.0
10137969	Annotation - Drawing & Sheet	Representation from CAD Worker uses different format scale as original Creo Elements/Direct Modeling file	Modeling 20.4.0.0
9552240	Annotation - Geometry	When drawing a bolt circle center line and then splitting it and then the drawing does not store in Creo Elements/Direct Modeling	Modeling 20.4.0.0
9602831	Annotation - Symbol	Unable to add a space before the value and the datum feature in the GTOL (GD_T) symbol in Creo Elements/Direct	Modeling 20.4.0.0
10059400	Annotation - Symbol	When editing Symbols in Annotation leading blanks will be ignored	Modeling 20.4.0.0
10103148	Annotation - Symbol	Modifying GD&T (any details within the symbol) does not flag the Annotation drawing as modified and the drawing cannot be saved.	Modeling 20.4.0.0
12574021	Annotation - Symbol	Datum Target Point' command gives error on completion when Ref Line is created from within the command itself.	Modeling 20.4.0.0
12583860	Annotation -	When placing GD&T symbols, a blank is always	Modeling

	Symbol	inserted before the value	20.4.0.0
11199081	Annotation - Text	"Arrow Fill" of reference line changes to "Off" after loading the drawing created in previous releases into Creo Elements/Direct Modeling 20.3	Modeling 20.4.0.0
8349769	Annotation - View	Regression from V19 to V20.x in attach drawing to mirror command in Annotation	Modeling 20.4.0.0
9635098	Annotation - View	Delete empty sheet does not set Modify flag in Creo Elements/Direct Modeling	Modeling 20.4.0.0
10089885	Annotation - View	On creating views in Annotation module debug build, it is giving Assertion pop-up and require forceful exit.	Modeling 20.4.0.0
7828252	Annotation - View Update	Attach drawing to Mirror will misplace annotations in Creo Elements/Direct Modeling after view update	Modeling 20.4.0.0
8019174	Annotation - View Update	Update standard view in Creo Elements/Direct Modeling will cause application to become unresponsive	Modeling 20.4.0.0
8255952	Annotation - View Update	Updating a certain view will make Creo Elements/Direct Modeling unresponsive	Modeling 20.4.0.0
9538675	Base Functionality - Model Manager	Modeling has poor performance on Windows 10 while structure browser is fully expanded on large assemblies	Modeling 20.4.0.0
5750238	Base Functionality - Modeling	Structure browser size changes when switching between Modeling and Annotation	Modeling 20.4.0.0
5750238	Base Functionality - Modeling	Structure browser size changes when switching between Modeling and Annotation	Modeling 20.4.0.0
7076093	Base Functionality - Modeling	Zoom to Selected does not zoom the entire assembly while configuration is active.	Modeling 20.4.0.0
7076182	Base Functionality - Modeling	Zoom to selected does not zoom the entire assembly having Cabling harness.	Modeling 20.4.0.0
8346693	Base Functionality - Modeling	Function Zoom to selected doesn't work reliable	Modeling 20.4.0.0
8751489	Base Functionality - Modeling	Loading a pkg file with more than one assembly will lead to a wrong relative position if option Position after Load has been activated in Creo Elements/Direct Modeling	Modeling 20.4.0.0
9329296	Base Functionality - Modeling	When loading a pkg file with Position after Load option, some parts are loaded to the incorrect place.	Modeling 20.4.0.0
9812208	Base Functionality - Modeling	CED Modeling crashes randomly at different operations	Modeling 20.4.0.0
9910890	Base Functionality - Modeling	Some strings are not translated in AR functions, such as "Position Target", "Resize Target", "Target" and "Start". please see attached picture.	Modeling 20.4.0.0
10076605	Base	On closing Modeling in debug build, it is giving	Modeling

	Functionality - Modeling	HEAP Corruption Assertion and require forceful exit.	20.4.0.0
10084257	Base Functionality - Modeling	To port sanity check fixes in all CED active streams	Modeling 20.4.0.0
10103644	Base Functionality - Modeling	Forced Modeling Crashes by missing LISP functions.	Modeling 20.4.0.0
10109371	Base Functionality - Modeling	It is not possible to publish a model because the target will not be accepted in Creo Elements/Direct Modeling	Modeling 20.4.0.0
10134958	Base Functionality - Modeling	The string "Select a valid Target, i. e. either SpatialTarget or ThingMark." is not translated in the prompt dialog, actually it's partial translated in STST.	Modeling 20.4.0.0
10175564	Base Functionality - Modeling	Augmented Reality: Unable to select a spatial target with message "Select a valid Target, i.e. either SpatialTarget or ThinkMark" when publishing it in Creo Elements/Direct Modeling	Modeling 20.4.0.0
10213117	Base Functionality - Modeling	If the Auxiliary view is used, the Owner cannot be selected directly when copying or sharing a part	Modeling 20.4.0.0
10264426	Base Functionality - Modeling	Forced Modeling Crashes by missing LISP functions on structure browser.	Modeling 20.4.0.0
10268106	Base Functionality - Modeling	CEDIRECT package in Creo CDIMAGE, update zlib1.dll version to 1.2.11 and other components too	Modeling 20.4.0.0
10272623	Base Functionality - Modeling	CEDIRECT package in Creo CDIMAGE, remove xercescmt.dll	Modeling 20.4.0.0
10540150	Base Functionality - Modeling	SMT does not come up after cancelling the commands Edge Length, from Utilities group.	Modeling 20.4.0.0
11200401	Base Functionality - Modeling	Few of the CMT commands does not add the selected elements to the Selection list.	Modeling 20.4.0.0
11215513	Base Functionality - Modeling	Parts will be not at the right position when Position after Load is enabled	Modeling 20.4.0.0
12413332	Base Functionality - Modeling	Provide an option in the UI Settings > Misc > Repeat Last Selection to control the number of entities stored in a single list. "Automatic capture entities Limit"	Modeling 20.4.0.0
12575580	Base Functionality - Modeling	Thumbnails are no longer displayed	Modeling 20.4.0.0
12585276	Base Functionality - Modeling	sd-inq-file-size fails on larger files	Modeling 20.4.0.0

12585583	Base Functionality - Modeling	Some dropdown list missing from UI - Pull Linear	Modeling 20.4.0.0
12648507	Base Functionality - Modeling	Support of Repeat Last Selection w. r. t. Lightweight/Partially loaded models - especially Assembly	Modeling 20.4.0.0
11154817	Configuration	Poor performance after activating/deactivating configurations	Modeling 20.4.0.0
9839030	Filing - Modeling	When loading certain pkg files in Creo Elements/Direct Modeling performance is low	Modeling 20.4.0.0
10147102	Installation - Modeling	Release Notes shortcut in Start menu does not work.	Modeling 20.4.0.0
10161736	Installation - Modeling	"[ProductName]" tag is appear instead of the Actual Product name e. g. "Creo Elements/Direct Modeling" for Spanish Installation	Modeling 20.4.0.0
12032288	Installation - Modeling	Creo Platform services 8.0 support for CED 20.4.0.0.	Modeling 20.4.0.0
12033522	Interfaces 3D	3DPDF creation from connected CEDM WGM session and publishing fails	Modeling 20.4.0.0
4670147	Interfaces 3D - Creo	While publishing additional file by Selecting All the NonDefault_Options (It has 40 files) WVS job monitor logs shows Timeout Exceed Error.	Modeling 20.4.0.0
7207099	Interfaces 3D - Creo	Direct Modeler crashing when we import specific model with active config option to import Configurations.	Modeling 20.4.0.0
7499911	Interfaces 3D - Creo	Creo Elements/Direct Modeling does not offer pen transformation or finer pen width controls	Modeling 20.4.0.0
8363673	Interfaces 3D - Creo	Cannot write Creo View PVZ file from customer data when assembly is read only in Creo Elements/Direct Modeling	Modeling 20.4.0.0
9874934	Interfaces 3D - Creo	Creo 7.0 Parts having 'value-units' discrepancy are unable to load in CEDM	Modeling 20.4.0.0
9905286	Interfaces 3D - Creo	Currently UDAs transferred from CED are not properly handled for attribute name conflict.	Modeling 20.4.0.0
9907981	Interfaces 3D - Creo	All the attributes (created in different types ex: integer, text, boolean.) transferred from CED are available in string format in Creo	Modeling 20.4.0.0
10030400	Interfaces 3D - Creo	When UDAs with name more than 31 characters are transferred to Creo, their truncation and indexing is not as per spec	Modeling 20.4.0.0
10102358	Interfaces 3D - Creo	Position of the Creo assembly having MB parts is not correct when imported in Modeling.	Modeling 20.4.0.0
10138729	Interfaces 3D - Creo	Color is not shown correctly in CED Modeling when Creo part having single body with color is imported.	Modeling 20.4.0.0
10142958	Interfaces 3D - Creo	Implement PARTNAME_BODYNAME.BDY for MB parts.	Modeling 20.4.0.0
10542125	Interfaces 3D - Creo	Creo 7.0.1.0 parts are not loaded in CEDM 20.4.0.24. Gives error.	Modeling 20.4.0.0
11194322	Interfaces 3D - Creo	Unicode support for Creo Multibody import in Modeling.	Modeling 20.4.0.0

11199299	Interfaces 3D - Creo	Disjoint bodies to be kept in sub-assembly under 'Construction' container.	Modeling 20.4.0.0
11282895	Interfaces 3D - Creo	CAD adapters for Creo gives warning message while integrating it with Creo Parametric 7.0.0.0.	Modeling 20.4.0.0
12428603	Interfaces 3D - Creo	Creo Simulate Application interface does not work with CED Modeling 20.4.0.80.	Modeling 20.4.0.0
12445765	Interfaces 3D - Creo	Difference in Body names during import - Construction body story	Modeling 20.4.0.0
6383780	Machining Features	Japanese localization issue for "sd_cadcam.ms" file in Creo Elements/Direct Modeling	Modeling 20.4.0.0
8062013	Measure	The result about volume calculation, returns a negative value	Modeling 20.4.0.0
10082358	Measure	Creo Elements/Direct Modeling crashes when using Microsoft Teams	Modeling 20.4.0.0
12579244	Measure	LISP Error While Checking Mass properties	Modeling 20.4.0.0
4661618	Modeling	While publishing additional file format WVS job monitor logs shows message " Processing additional files: No of Files " but does not describe which additional file type it is generating.[Please check the attachment]	Modeling 20.4.0.0
7988140	Modeling	No proper message is shown for Empty part selected in structure browser using Zoom to Select.	Modeling 20.4.0.0
9561206	Modeling	Zoom to select command does not work for "Partially" loaded model.	Modeling 20.4.0.0
9839030	Modeling	When loading certain pkg files in Creo Elements/Direct Modeling performance is low	Modeling 20.4.0.0
9898991	Modeling	Data loss observed in Creo view client for the CEDM selective instances' positioning assembly	Modeling 20.4.0.0
10094877	Modeling	WGM is unnecessarily started with non-filesync publishing and Worker test	Modeling 20.4.0.0
10184004	Modeling	When positioning over two points, the system sometimes hangs when entering the target point	Modeling 20.4.0.0
10350988	Modeling	Unable to save Drawing as older file version (20.3) from Modeling (20.4) to MM (20.3).	Modeling 20.4.0.0
11279755	Modeling	Thumbnail generation failed for CEDM (20.4) Assembly (.sdc & .sda file) [Please find the attached logs]	Modeling 20.4.0.0
11283445	Modeling	Failed to publish drawing file (.mi file) with CEDM 20.4 worker, also cv_converter.exe is getting crashed in headless mode	Modeling 20.4.0.0
11284520	Modeling	SolidDesigner.exe and UWGM got hanged in headless mode while trying to publish 3DPDF as additional output with CEDM 20.4 worker	Modeling 20.4.0.0
11285243	Modeling	Jobs are failed to publish after setting the env variable PVIEW_CEDM_SINGLE_INSTANCE=0 with CEDM 20.4 worker [Please find the attached logs]	Modeling 20.4.0.0
11356865	Modeling	CEDM 20.4 worker get restarted in loop if Converter folder option not selected during CEDM 20.4	Modeling 20.4.0.0

		installation	
10184004	Modify 3D	When positioning over two points, the system sometimes hangs when entering the target point	Modeling 20.4.0.0
6906936	PartLibrary	Few strings in "Part Library" tab shows English for localization client.	Modeling 20.4.0.0
8094602	PartLibrary	Loading a session file will cause error message in Creo Elements/Direct Modeling	Modeling 20.4.0.0
9874347	PartLibrary	"Torch cut" board shows English for L10N UI in Part Library.	Modeling 20.4.0.0
12037512	PartLibrary	User is not able to load any Part Library part in Modeling.	Modeling 20.4.0.0
12565814	PartLibrary	Windchill WGM module fails to activate if Part Library 20.4 is activated first	Modeling 20.4.0.0
7844079	Plot / Print Modeling	Option setting of publishing rule "FitToPaper" does not work effectively	Modeling 20.4.0.0
8284725	Selection Modeling	Select menu cannot be closed after measure operation in Creo Elements/Direct Modeling	Modeling 20.4.0.0
11556443	Selection Modeling	Delete elements like Blend/Chamfer are highlighted when user selects the selection in SMT selection list.	Modeling 20.4.0.0
8065096	User Interface - Modeling	Spanish String "Position after Load" is truncated in Load UI	Modeling 20.4.0.0
8065096	User Interface - Modeling	Spanish String "Position after Load" is truncated in Load UI	Modeling 20.4.0.0
10019171	User Interface - Modeling	To provide an API to WGM to detect if Modeling is idle state and no commands are in process	Modeling 20.4.0.0
11201271	User Interface - Modeling	Enhancements in Preview Window (middle mouse click) functionality - support for Partially loaded and lightweight models.	Modeling 20.4.0.0
7157679	WGM for Modeling	MI Drawings when opened from File System cannot be saved to Windchill. No default modify flag is assigned when opened.	Modeling 20.4.0.0
7479430	WGM for Modeling	File name and file number is not synchronized, and file number extension is dropped, when part is saved via Global "save to Workspace".	Modeling 20.4.0.0
7561015	WGM for Modeling	Assembly Instance data fails to open in CEDM from WGM when preference "Default load type=Partial"	Modeling 20.4.0.0
7770818	WGM for Modeling	File name not auto numbered for Finish part while performing global save to WS	Modeling 20.4.0.0
7988592	WGM for Modeling	Create recursive references corrupt model	Modeling 20.4.0.0
8042630	WGM for Modeling	Error "There is no related BOM entry" for Create Position Flag	Modeling 20.4.0.0
8222079	WGM for Modeling	Export BOM Report fails, when any WTPart Product structure is renamed in Windchill and Exported	Modeling 20.4.0.0
8233413	WGM for Modeling	Ghost objects created after Import to WS when preference 'Manage Top Level Instances = All' is set	Modeling 20.4.0.0
8366039	WGM for Modeling	String "Drawing is not up to date, Dependencies may be inconsistent." is not translated in UWGM client and STST.	Modeling 20.4.0.0

8408562	WGM for Modeling	With auto-numbering enabled, and Number generation delayed per wgmclient.ini option, when there is a file name conflict in CEDM session on Save, the auto-number is not used for Filename	Modeling 20.4.0.0
8408668	WGM for Modeling	CEDM WGM: Corrupt data can be created and checked into Windchill when using inseparable assemblies	Modeling 20.4.0.0
9683581	WGM for Modeling	Prevent user from creating Invalid Characters in File Name of CEDM Structure browser in connected mode	Modeling 20.4.0.0
9719615	WGM for Modeling	Check-In operation not working from CEDM session after 'Save to Workspace' is performed in CEDM 20.1.1.3	Modeling 20.4.0.0
9893621	WGM for Modeling	Relation file gets corrupted while storing Stock-finish through Drawing workflow.	Modeling 20.4.0.0
9893630	WGM for Modeling	Data gets corrupted when duplicate File Name set in CEDMSB, is saved to Workspace in a specific workflow.	Modeling 20.4.0.0
9893635	WGM for Modeling	WGM error thrown when PDM action File->Workgroup Manager->Workgroup Manager is done specifically on any new data which is not yet uploaded to Windchill.	Modeling 20.4.0.0
9898037	WGM for Modeling	To fix regression 'Auto-Number being wasted during SYSID conflict'	Modeling 20.4.0.0
9914797	WGM for Modeling	CEDM WGM: Update/Refresh in Workspace closes active CEDM commands without any notice	Modeling 20.4.0.0
9927127	WGM for Modeling	Incorrect logging created due to 'set_model_property' may lead to a crash CEDM in certain cases.	Modeling 20.4.0.0
10079980	WGM for Modeling	Auto-Number is getting fetched unnecessarily after doing File->WGM->WGM for data new in session even if pref. delay is set to Yes	Modeling 20.4.0.0
10094128	WGM for Modeling	Import & Export of Windchill managed Frames/Embedded Frames is not working	Modeling 20.4.0.0
10119090	WGM for Modeling	Random crashes found in Creo Elements/Direct Modeling using additional debugging tools	Modeling 20.4.0.0
10132939	WGM for Modeling	Check Out / Undo Check Out/Revise & Check Out from CEDM session, specifically for Workplace objects throw error.	Modeling 20.4.0.0
10138198	WGM for Modeling	The browser filter "Out of date" is unable to work in German localization in Creo Elements Direct Modeling	Modeling 20.4.0.0
10200816	WGM for Modeling	dump session command o/p does not show load Type as partial when.ini file preference load.containers.full.mode=no is set	Modeling 20.4.0.0
10252294	WGM for Modeling	Download of data from Common space to WS, if data having same SYSID as in Windchill is loaded from FILE SYSTEM to CEDM session.	Modeling 20.4.0.0
10252433	WGM for Modeling	Auto-Number generated for every data when loading from FILE SYSTEM to CEDM session if	Modeling 20.4.0.0

		preference "Delay Auto-Number generation" is set to No	
10252583	WGM for Modeling	CEDM fails to assign unique File Names in the Structure browser.	Modeling 20.4.0.0
10358736	WGM for Modeling	"Import to Workspace" of a 3D CEDM file fails with error "The specified file is not a valid MI file."	Modeling 20.4.0.0
10372163	WGM for Modeling	Dump session command does not list CEDM parts multiple time when CEDM session (structure browser shows CEDM parts multiple times)	Modeling 20.4.0.0
10425091	WGM for Modeling	A new Drawing is created when an existing Windchill Drawing is modified and saved back.	Modeling 20.4.0.0
10861248	WGM for Modeling	"View Information..." for a component in an inseparable CEDM assembly leads to segmentation error: "Action failed >> uwgm_command/signal/sigsegv "	Modeling 20.4.0.0
10928421	WGM for Modeling	Manually locking/unlocking CAD Documents in Creo Elements/Direct Modeling session is not working if the embedded browser is running in a non-English language	Modeling 20.4.0.0
11144884	WGM for Modeling	"SYSID conflict" is thrown instead of "File Name Conflict" for Inseparable & Separable workflow	Modeling 20.4.0.0
11162466	WGM for Modeling	Implement 'TOPLOOP-EVENT' event from core CEDM during CEDM-WGM actions OOTB	Modeling 20.4.0.0
11192614	WGM for Modeling	Connection of CEDM & WGM does not take place after second launch of CEDM.	Modeling 20.4.0.0
11197442	WGM for Modeling	Changing Load Type executes the post-load event twice in Modeling 20.2.2.1 connected with Workgroup Manager 11.1 M020-CPS14	Modeling 20.4.0.0
11200122	WGM for Modeling	'Out of Date' filter is not listed in structure browser for all CEDM supported languages.	Modeling 20.4.0.0
11201619	WGM for Modeling	Update All & Refresh All (Refresh Server Status) is considering only root node for processing	Modeling 20.4.0.0
11285243	WGM for Modeling	Jobs are failed to publish after setting the env variable PVIEW_CEDM_SINGLE_INSTANCE=0 with CEDM 20.4 worker [Please find the attached logs]	Modeling 20.4.0.0
11352528	WGM for Modeling	CEDM Instance object's filename contains .1 when it created through import to Workspace option	Modeling 20.4.0.0
11358008	WGM for Modeling	ME10 error message is thrown in Annotation in relation WGM operation: "Error: docu::execute-me10-command tried to be called when already active"	Modeling 20.4.0.0
12441526	WGM for Modeling	dump session command is not dumping Load Type information OOTB	Modeling 20.4.0.0
12576584	WGM for Modeling	simulateAnnotationCommandEx not working for FRAME for command save to WS, check-in etc.	Modeling 20.4.0.0
13155447	Annotation	Opening a Drafting Drawing in Annotation changes the position of dimensions in Creo Elements/Direct Modeling	Modeling 20.4.1.0
9705662	Annotation -	Dimension values get lost in Annotation after the	Modeling

	Dimension	mouse hovers over the dimension value	20.4.1.0
12702545	Annotation - Drawing & Sheet	[Non English] The table contents are missing when Draw Exported BOM Table in Drawing.	Modeling 20.4.1.0
12744255	Annotation - Symbol	It is not possible to enter a multiline text in a weld symbol	Modeling 20.4.1.0
13024106	Annotation - Symbol	Surface Finish Symbol should be snapped to left alignment to dimension text	Modeling 20.4.1.0
13024162	Annotation - Symbol	While Snapping Surface Finish Symbol to dimension text, we should always get Symbol Location Command	Modeling 20.4.1.0
13127658	Annotation - Symbol	Unable to create a surface finish symbol with Symbol location option = RIGHT during placement on dimension.	Modeling 20.4.1.0
12733254	Base Functionality - Modeling	LISP Error while checking Mass Properties.	Modeling 20.4.1.0
12749989	Base Functionality - Modeling	CMT is repeated after selecting 'Zoom to selected' option in structure browser for part/assembly.	Modeling 20.4.1.0
12758020	Base Functionality - Modeling	When opening HELP Center by clicking a help menu button of Creo Elements/Direct Modeling, Internet Explorer (IE) always open although the default internet browser on the system is not IE.	Modeling 20.4.1.0
13036159	Interfaces 3D	When launch Creo View from Windchill and open the Creo Elements/Direct Modeling - Annotation drawing representation (PDF), It will see the "Document" in the "Viewables" tab	Modeling 20.4.1.0
13136531	Interfaces 3D	Unable to publish the model to Augmented Reality (AR) if Creo 8 Platform Services installed last	Modeling 20.4.1.0
11268083	Interfaces 3D - Creo	It's not possible to load a Creo Parametric/Direct file	Modeling 20.4.1.0
12653182	Interfaces 3D - Creo	Remove pesdconv.exe, dbghelp.dll and replace 7za.exe from CED	Modeling 20.4.1.0
12661019	Interfaces 3D - Creo	3D annotations from CEDM are published despite unchecking the Recipe option "Planar Annotations" [=> "adapter/outputAnnotPlanar=0"]	Modeling 20.4.1.0
12807072	Interfaces 3D - Creo	file: "x86e_win64/cedirect/binx64/i18nmt.dll " detected as vulnerable and legacy ICU64 based, need update to ICU*68	Modeling 20.4.1.0
11269179	Licensing - Modeling	License Server crashes randomly and irregularly	Modeling 20.4.1.0
13091473	Measure	Modeling crashes when a part is mass measured when the selected part has a very long path name	Modeling 20.4.1.0
13221266	Measure	Program will crash when performing the Calculate Volume command with the Part Measure function	Modeling 20.4.1.0
12584309	Model Manager Integration	Creo Elements/Direct Model Manager replaces Plus sign and Space character in "Name" & "Model Name" by underscore during save operation	Modeling 20.4.1.0
12687300	Modeling	File name extension ".mi" is missing for the published drawing output (DXF/PDF)[Please find	Modeling 20.4.1.0

		the attachment]	
12718581	Modeling	CEDM: sdc, sdcc & mi files are failed to publish using X80_F000_21 adapter with CEDM 20.4.	Modeling 20.4.1.0
12746019	Modeling	Japanese part name and assembly name cannot be converted when importing with "ATB enabled off"	Modeling 20.4.1.0
13044074	Modeling	CEDM files are not getting published with CEDM 20.4 F000 (cv_Converter.exe is getting crashed)	Modeling 20.4.1.0
13123824	Modeling	MI files are getting published as PVZ output, but dxf/pdf file is showing outside PVZ file. PVZ file only contains only pvs file.	Modeling 20.4.1.0
13124972	Modeling	For multiple sheet drawings publishing with rule file with no options set, does not creates files with Default option	Modeling 20.4.1.0
13139559	Modeling	Remove recipe option 'adapter/convPMIAsGeometry' from both Adapter & CEDM Save As recipe UI.	Modeling 20.4.1.0
13164694	Modeling	Converting Model to an un-supported file Format does not give any error.	Modeling 20.4.1.0
13180521	Modeling	No entries in log to capture the message for the jobs which are skipping conversion of container parts/ Face part/ Wire Part / empty part	Modeling 20.4.1.0
12750049	Sheet Metal	Modeling tab is missing in Sheetmetal module.	Modeling 20.4.1.0
8399173	WGM for Modeling	PDM operations executed on assembly components from the Creo Elements Direct/Modeling 'Mini Toolbar' are applied to the top assembly instead of the component	Modeling 20.4.1.0
10082797	WGM for Modeling	WGM post-load event is called even no WGM interaction takes place	Modeling 20.4.1.0
10087467	WGM for Modeling	Data fails to open in CEDM, if File Name has "&" as special character. Logs show Open failed UWGM Exception ->Could not parse CLUSTERKEY	Modeling 20.4.1.0
11556753	WGM for Modeling	Data is corrupted and fails to get opened back in CEDM session	Modeling 20.4.1.0
12035173	WGM for Modeling	Opening CEDM assembly from Workspace fails with exception if the containers have recursive references with the assembly	Modeling 20.4.1.0
12661845	WGM for Modeling	FATAL Error "Failed to read WLD" is thrown after doing Change Load Type on Stock Finish Data which has modified structure open in CEDM session.	Modeling 20.4.1.0
12702458	WGM for Modeling	CEDM Model opened from Workspace is shown as modified in session if the model was included in an assembly which was converted to inseparable in the same session	Modeling 20.4.1.0
12713848	WGM for Modeling	Creo Elements Direct Modeling Worker doesn't create PDF/DWG output	Modeling 20.4.1.0
12717023	WGM for Modeling	CED localization for Italian "Quantity" is NOT matching with Italian translation coming from Windchill PDMLink	Modeling 20.4.1.0

12718049	WGM for Modeling	A component separated from a CEDM inseparable assembly can find and overwrite the original CAD Document	Modeling 20.4.1.0
12722999	WGM for Modeling	Automation support for Assign New SYSID project	Modeling 20.4.1.0
12749765	WGM for Modeling	Changing Load Type fails for a Structure if any of its child has a different Load Type.	Modeling 20.4.1.0
12749778	WGM for Modeling	dumpModelForQCR is dumping commonName field incorrect for Drawing.	Modeling 20.4.1.0
12767154	WGM for Modeling	Content Color of Inseparables Childs is lost when data is loaded back in session from Windchill	Modeling 20.4.1.0
13089565	WGM for Modeling	The "Assign New SysID" command is not working from any of the customization toolbars	Modeling 20.4.1.0
13094485	WGM for Modeling	Modeling goes in endless hang when Auto Check In is done on a Stock Finish data which is uploaded in Workspace.	Modeling 20.4.1.0
13146077	WGM for Modeling	Auto Check In fails saving models with "Models and Viewables"	Modeling 20.4.1.0
11253787	3D Documentation	Greyed out commands of GTOL, Surface finish and Welding group are seen in 3D Documentation.	Modeling 20.4.2.0
8002577	Annotation	String "Circle defined" is not externalized when define partial view for annotation sheet.	Modeling 20.4.2.0
13650773	Annotation	LISP error displayed while using Ref Line command in Annotation	Modeling 20.4.2.0
12675213	Annotation - Dimension	Dim Properties-> Text Props -> Scope. Selected Value is not stored.	Modeling 20.4.2.0
12752511	Annotation - Drawing & Sheet	Simplified Chinese: Corrupted string in Exported BOM Table in Drawing.	Modeling 20.4.2.0
9107113	Annotation - Filing	Some variables from DXFDWG Configurator UI are not captured in *.con file.	Modeling 20.4.2.0
6380635	Annotation - Settings	Error message at creating a new Drawing Template without no active viewset is not localized to Japanese.	Modeling 20.4.2.0
13024106	Annotation - Symbol	Surface Finish Symbol should be snapped to left alignment to dimension text	Modeling 20.4.2.0
13024162	Annotation - Symbol	While Snapping Surface Finish Symbol to dimension text, we should always get Symbol Location Command	Modeling 20.4.2.0
13523527	Annotation - Symbol	Function to deactivate Auto-grouping of symbol with GD & T symbol or dimension	Modeling 20.4.2.0
6814436	Annotation - Text	The text in Sheet Frame will be unclear/fuzzy and even some are missing/invisible after zooming out the annotation drawing in Creo Elements/Direct Modeling 19.0, but this issue cannot reproduced in 18.0	Modeling 20.4.2.0
13289344	Annotation - Text	System crashes when adding a very long text in Annotation and define it as a template	Modeling 20.4.2.0
6622441	Annotation - View	Unable to modify section line in Annotation A 2D drawing is correctly attached to the 3D Model. The drawing has section views. But it is not possible to	Modeling 20.4.2.0

		modify the section lines	
7988073	Annotation - View	Annotation View Copy: Detail view text is not updated while copying view from one sheet to another.	Modeling 20.4.2.0
13518258	Annotation - View	Deleting an Annotation View causes all section lines to disappear	Modeling 20.4.2.0
6475869	Base Functionality - Modeling	The drawing disappears when switching to Annotation after saving to STEP	Modeling 20.4.2.0
11556812	Base Functionality - Modeling	The certificate of https://app.ar-design.ptc.io is expired	Modeling 20.4.2.0
9911646	Graphics - Modeling	Econo-Crash' test of Creo Elements/Direct Modeling causing app-hang/crash On HG laptops. [Customer SPR]	Modeling 20.4.2.0
13724361	Installation - Modeling	Latest PTC Clickwrap Agreement Posted (February 2022)	Modeling 20.4.2.0
9341721	Interfaces - DWG/DXF	dxfdwg readme version 20.2 is missing in Modeling 20.2.0.0	Modeling 20.4.2.0
13719441	Interfaces 2D	[Single Instance Specific] CEDM 20.4 Fails to generate Multi-fidelity OL files.	Modeling 20.4.2.0
13744900	Interfaces 2D	Publishing a .mi file using a publish rule results in incorrect PDF and DXF	Modeling 20.4.2.0
6972207	Interfaces 3D	Warning message when save the model as eDrawings format without eDrawing Professional license is not localized	Modeling 20.4.2.0
13288345	Interfaces 3D	NEU dump of the model is showing issue.	Modeling 20.4.2.0
13290957	Interfaces 3D	When exporting 3D data as PVZ the error "save_pv/signal/sigsegv" occurs	Modeling 20.4.2.0
13365851	Interfaces 3D	When trying to save a .pkg file as .neu file the error message LISP error: 3518149505 is outside the permissible range for a fixnum32. appears	Modeling 20.4.2.0
13792503	Interfaces 3D	XVL Converter Ver.18.1 OEM module. Support for CEDM 20.4.2.0 onwards.	Modeling 20.4.2.0
10182735	Interfaces 3D - Creo	Creo Elements/Direct Modeling exits prematurely when loading prt file of Creo Parametric	Modeling 20.4.2.0
12807072	Interfaces 3D - Creo	file : "x86e_win64/cedirect/binx64/i18nmt.dll " detected as vulnerable and legacy ICU64 based, need update to ICU*68	Modeling 20.4.2.0
13503671	Interfaces 3D - Creo	PVZ Export returns Error: save_pv/dsm/read_only when read-only inseparable assembly contains a viewset	Modeling 20.4.2.0
13575481	Interfaces 3D - Creo	Neutral dump from CED for the attached file throws a LISP error.	Modeling 20.4.2.0
6590061	Interfaces 3D - STEP	Saving a Modeling file as Step the error "Step error No error" pops up	Modeling 20.4.2.0
13724361	Licensing - Modeling	Latest PTC Clickwrap Agreement Posted (February 2022)	Modeling 20.4.2.0
6383780	Machining	Japanese localization issue for "sd_cadcam.ms" file	Modeling

	Features	in Creo Elements/Direct Modeling	20.4.2.0
2820414	Modeling	Japanese strings are truncated on load part library UI.	Modeling 20.4.2.0
6378655	Modeling	New function's video for Creo Elements/Direct Modeling 20 is not uploaded to " PTC University Learning Exchange", but HELP Centre says "Watch a video on PTC University Learning Exchange"	Modeling 20.4.2.0
12712217	Modeling	CED 20.4:*.sdac files having an assembly with selective instance are published without any error when published as positioning assembly	Modeling 20.4.2.0
13226166	Modeling	Failed to open DXF drawing output file (.mi) having picture into it [Please find the attached dataset]	Modeling 20.4.2.0
13284950	Modeling	Actual Path of Temp folder of worker machine is visible for CEDM publishing for Rehost server	Modeling 20.4.2.0
13356614	Modeling	When publishing Creo Elements Direct Modelling CAD data, any next 3D job following a 2D job will cause the worker to report an error when converting the CAD data to STEP format for additional file types (publish rules)	Modeling 20.4.2.0
13420130	Modeling	Creo Elements/Direct Modeling 20.4.1.0 as a worker delivers wrong results for inseparable assemblies	Modeling 20.4.2.0
13495840	Modeling	When publishing Creo Elements Direct Modelling 3D CAD data to additional output file formats STL and CEDM, with no additional options specified will cause the worker to report an error	Modeling 20.4.2.0
13616387	Modeling	Selective instance to have same Name, Source_file_Name & instance IDs of selective instance are different than that of CAD data	Modeling 20.4.2.0
13167867	Modeling Integration	Opening a modified/updated CEDM assembly in Creo Parametric fails or is loaded with errors in Creo session, the updates from CEDM session are not reflected	Modeling 20.4.2.0
13249038	PartLibrary	Segmentation violation occurs after PartLibrary feature rotation	Modeling 20.4.2.0
12777600	Sheet Metal	Missing lines in Unfold 2D	Modeling 20.4.2.0
12760061	WGM for Modeling	Special characters are displayed as squares in the BOM Table	Modeling 20.4.2.0
13247857	WGM for Modeling	Data gets modified in session even when it is Locked in CEDM session when IBA value is assigned in structure browser.	Modeling 20.4.2.0
13268722	WGM for Modeling	CEDM crash when setting blank values in CEDM browser for type Float & Integer. Modified data if any in session is lost.	Modeling 20.4.2.0
13310263	WGM for Modeling	Generic API function oli::sd-uwgm-inq-model-attribute delivers Windchill IBAs of type REAL NUMBER and INTEGER NUMBER as strings and not as number in CEDM 20.4.1	Modeling 20.4.2.0
13364747	WGM for	Creo Elements/Direct Modeling IKIT Help	Modeling

	Modeling	documentation should include the newly implemented function for CED-WGM"	20.4.2.0
13386471	WGM for Modeling	Preselect corrupts Creo Elements Direct Modeling objects in a linked session to Windchill	Modeling 20.4.2.0
13519451	WGM for Modeling	Assign New SysID does not work on Surface Parts	Modeling 20.4.2.0
13539649	WGM for Modeling	Modeling Crash seen after Assign New SysID is done on Partially loaded recursive data followed by Revert action	Modeling 20.4.2.0
13723481	WGM for Modeling	Using Geometry option, Shared Instance under the Sub-Assembly and under other parents keeps highlighting in Green even if Position Flag is assigned. Works fine in Standalone CEDM	Modeling 20.4.2.0
13739839	WGM for Modeling	ND information is not applied to CEDM session after SYSID conflict resolution	Modeling 20.4.2.0
13744965	WGM for Modeling	Assign New SysID Info Message strings are not on separate line. They are separated by ~%	Modeling 20.4.2.0
13757833	WGM for Modeling	Table option: Error thrown while assigning Pos Flags for WTPartless SubAssembly who's main Assembly is under another Top Level Assembly	Modeling 20.4.2.0
5937324	Workplanes/Work planeSets	Cannot select many 2D edges to be projected onto another workplane in Creo Elements/Direct Modeling	Modeling 20.4.2.0
8826264	Advanced Design Simplification	A simplification option "Remove Hidden Parts" does not remove the parts in the shared assembly in Creo Elements/Direct Modeling	Modeling 20.4.3.0
10188304	Annotation	Commands of the Mini toolbar must be selected multiple times to invoke the command at large views	Modeling 20.4.3.0
12769215	Annotation	Undo leads to an error	Modeling 20.4.3.0
13493886	Annotation - Text	When creating a text reference line in Annotation deleting it and executing undo command a circle is created on the reference line	Modeling 20.4.3.0
14305958	Annotation - View	Working with Annotation: Performance improvement	Modeling 20.4.3.0
8049126	Base Functionality - Modeling	Some parts from the assembly created in Creo Elements/Direct with the help of Rigid Cable Advisor are missing when opened in Creo Parametric	Modeling 20.4.3.0
13364344	Base Functionality - Modeling	When switching between Modeling and Annotation the width of Structure Browser is changing randomly	Modeling 20.4.3.0
14042075	Base Functionality - Modeling	For CEDM "Workplane" data during worker publishing causes worker error and job fails.	Modeling 20.4.3.0
14101421	Base Functionality - Modeling	Missing conversion related logging information for CEDM Container parts.	Modeling 20.4.3.0
14163865	Base Functionality - Modeling	CEDM publishing when license is not available for different file types during additional file conversion.	Modeling 20.4.3.0

11268892	Filing - Modeling	User intervention is required for some filing test.	Modeling 20.4.3.0
14135881	Installation - Modeling	Installation of Version 20.4 and 20.5 requires non-supported Microsoft redistributable of Visual Studio 2008	Modeling 20.4.3.0
13575005	Interfaces 3D - Creo	Selective instance is not considered during open of CED data with config.pro option "sync_data_import_profile update"	Modeling 20.4.3.0
13816667	Interfaces 3D - Creo	PVZ export fails for Empty part with option 'Export empty part' checked and option 'adapter/output AnnotPlanar = 0' in recipe file.	Modeling 20.4.3.0
13966492	Interfaces 3D - Creo	Import of .pkg file coming from Creo Elements/Direct Modeling results in empty geometry in Creo Parametric 8.0	Modeling 20.4.3.0
14069930	Interfaces 3D - Creo	Retrieval leads to empty import	Modeling 20.4.3.0
14163428	Interfaces 3D - Creo	Creo Elements/Direct Modeling assembly opened from Workspace in Creo Parametric does not show the correct transparency applied, rather shows default transparency	Modeling 20.4.3.0
13172100	Modeling	WVS Log fails with worker error while processing parts that are unchecked with recipe option.	Modeling 20.4.3.0
13599797	Modeling	Cedm "Workplan" data to generate 3d additional files i. e. IGES, Inventor, STEP etc., cause worker timeout and publishing job fails	Modeling 20.4.3.0
13856186	Modeling	OL file generation of a 3D File runs in an endless Loop	Modeling 20.4.3.0
13989898	Modeling	ccmodel batch and worker log prints garbage value (0's & 1's) many times without any actual meaning.	Modeling 20.4.3.0
13860516	Modeling Integration	When importing specific migrated Creo Elements/Direct Modeling assemblies in Creo Parametric, the parameter CED_CONTAINER is not created for containers	Modeling 20.4.3.0
13048635	Sheet Metal	Unfold 2D leads to incorrect result for a part with chamfers	Modeling 20.4.3.0
13806554	WGM for Modeling	Activating a Workspace takes much longer when Creo Elements/Direct Modeling is running connected to Windchill Workgroup Manager as compared to when only the Workgroup Manager is running	Modeling 20.4.3.0
13808980	WGM for Modeling	CEDM crashes if blank value is provided to an already filled value of Integer attribute from Structure browser.	Modeling 20.4.3.0
13821697	WGM for Modeling	When New View is created, Pos Flags cannot be determined for New or Old Views.	Modeling 20.4.3.0
13821828	WGM for Modeling	Shared Instances do not highlight correctly, when a Sub-assembly BOM Report having shared Instances is exported to a Drawing having Top Assembly Parent View.	Modeling 20.4.3.0
13853763	WGM for	Modeling goes in endless error loop, when a BOM	Modeling

	Modeling	report is exported to session having corresponding Top Level Assembly with No Extension in Name field. Creating a new CEDM session does not reproduce issue.	20.4.3.0
13858195	WGM for Modeling	If Sub-Assembly is loaded in Lightweight mode, BOM Export throws an Error in endless loop which would require CEDM to be closed losing all unsaved work.	Modeling 20.4.3.0
14217232	Analysis & Checks	When using the function "get_vol_prop" on a part in an assembly and then move the part out of the assembly and check the empty assembly with the same function then the mass of the before selected part is shown in Creo Elements/Direct Modeling	Modeling 20.4.4.0
12730547	Annotation	Deactivated Sheet Metal leads to wrong "Flat View"	Modeling 20.4.4.0
13520019	Annotation - Dimension	Dimension fix texts are taken over to next dimension where it shouldn't	Modeling 20.4.4.0
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 20.4.4.0
9873767	Annotation - View	Unable to create a new Annotation 2D View if temp disk space is larger than 2TB	Modeling 20.4.4.0
14243567	Annotation - View	When using the function "Section Line Modify" in Annotation "Move" and "Horizontal" the direction of the arrows flips into the other direction in Creo Elements/Direct Modeling	Modeling 20.4.4.0
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 20.4.4.0
12707017	Base Functionality - Modeling	Create Analysis leads to LISP Error	Modeling 20.4.4.0
12718968	Base Functionality - Modeling	No error message is displayed after loading of 3D instance data assembly with parts missing.	Modeling 20.4.4.0
14164789	Base Functionality - Modeling	WVS Job logs For Additional file format conversion for drawings shows as models instead of drawing, "ERROR: Format not Supported for Models [DWF]"	Modeling 20.4.4.0
14849823	Installation - Modeling	Update File version/Product version for these two binaries SD.exe and SDKill.exe.	Modeling 20.4.4.0
14901729	Installation - Modeling	Modeling 20.7 critical vulnerability - affects DoD	Modeling 20.4.4.0
14954662	Installation - Modeling	To package recipe editor with CED installation	Modeling 20.4.4.0
12730654	Integration Kit	SD-XML-TRANSFORM-FILE throws a Lisp error when called as documented	Modeling 20.4.4.0
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 20.4.4.0

13805113	Interfaces 3D	Double clicking the viewable repositions the content outside the viewable area in Creo View	Modeling 20.4.4.0
13757376	Interfaces 3D - Creo	Native Granite import of *.asm/*.prt files successful but delivers damaged models in Creo Elements/Direct Modeling	Modeling 20.4.4.0
14665737	Modeling	Unable to save newly selected Master 2D to Model Manager	Modeling 20.4.4.0
12779100	PartLibrary	Help from the menu of some SolidPower commands does not work	Modeling 20.4.4.0
14789624	PartLibrary	Critical vulnerability in Ghostscript gswin32c.exe and gsdll32.dll	Modeling 20.4.4.0
12744338	Pattern	Pattern creation of a hole with tolerance applied, returns a LISP Error	Modeling 20.4.4.0
12702174	Sheet Metal	It is not possible to open the Help Center for several commands	Modeling 20.4.4.0
8755370	Workplanes/Work planeSets	2D-Copilot will disappear when editing the second coordinate value on the workplane in Creo Elements/Direct Modeling	Modeling 20.4.4.0

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