

Date: 2 July 2019
Subject: Maintenance Pack 11 for NX 12.0.2 and SC 12.0.2
To: All users of NX 12.0.2 and SC 12.0.2
From: The Siemens PLM NX and Siemens PLM Simcenter 3D Teams

We are pleased to inform you that fixes are available for the problems listed below. A maintenance pack (MP11), built for installation on top of Windows64 image of NX 12.0.2 and SC 12.0.2, can now be downloaded from the Siemens PLM Download Server.

This release includes the following project:

- NX1202 MP3 Ship Enhancements

For details about this project please see **NX1202_mp03_ShipEnhancements.pdf** in the MP3 distribution package (**nx-12.0.2.mp03.zip**).

- NX1202 MP4 Ship Enhancements

For details about this project please see **NX1202_mp04_ShipEnhancements.pdf** in the MP4 distribution package (**nx-12.0.2.mp04.zip**).

- NX1202 MP5 CMM Inspection Small Enhancements

For details about this project please see **NX1202_mp05_CMM_Inspaction_Supplement.pdf** in the MP5 distribution package (**nx-12.0.2.mp05.zip**).

- NX1202 MP5 Ship Enhancements

For details about this project please see **NX1202_mp05_ShipEnhancements.pdf** in the MP5 distribution package (**nx-12.0.2.mp05.zip**).

- NX1202 MP7 CMM Inspection Small Enhancements

For details about this project please see **NX1202_mp07_CMM_Inspaction_Supplement.pdf** in the MP7 distribution package (**nx-12.0.2.mp07.zip**).

- NX1202 MP7 Ship Enhancements

For details about this project please see **NX1202_mp07_ShipEnhancements.pdf** in the MP7 distribution package (**nx-12.0.2.mp07.zip**).

- NX1202 MP8 Routing PLMXML Import/Export Enhancements

For details about this project please see **NX1202_mp08_Routing_PLMXML_ImportExport.pdf** in the MP8 distribution package (**nx-12.0.2.mp08.zip**).

- NX1202 MP8 CMM Inspection Small Enhancements

For details about this project please see **NX1202_mp08_CMM_Inspaction_Supplement.pdf** in the MP8 distribution package (**nx-12.0.2.mp08.zip**).

• NX1202 MP10 CMM Inspection Small Enhancements

For details about this project please see **NX1202_mp10_CMM_Inspection_Supplement.pdf** in the MP10 distribution package (**nx-12.0.2.mp010.zip**).

This maintenance pack addresses the issues associated with the PR numbers and short descriptions listed in the table below:

Release	PR Number	Short Description
MP0	9208406	VR will not launch on installed NX (Unrestricted permission)

Release	PR Number	Short Description
MP1	2241354	An attempt was made to create a link between objects in different parts
MP1	7200188	Cannot CONST ARC or CIRCLE of Intersection between TORUS and Nominal PLANE
MP1	7416968	Need to support short and long option on tol/width
MP1	8345075	Not all MOM-Parameter are available in Work Instruction (as in Post)
MP1	8359422	Incorrect graphic representation
MP1	8371461	Part could not be saved in NX 12
MP1	8374293	Cyrillic symbols are corrupted in the Tool Description
MP1	8380827	Not able to save a part file which was last saved in NX 11 in NX 12
MP1	8381899	Copy Instance Attribute on Pattern Component
MP1	8816695	Wrong alignment from Counterbore Drilling Tool inside CAM by using MRL
MP1	8884887	Batch processing fails to run with Japanese folder, file and program group.
MP1	8903357	drag and drop your measure point in the point set
MP1	8962926	Mom variables are not there when customizing OWI
MP1	9014910	NX_CMM need to have the same rounding rule as drafting
MP1	9064202	Different Position between Tool_Tip and Tool_Mount is not honored inside Sys-Tr
MP1	9102577	Automatic Tracking Point Calculation is Wrong when Machine is Loaded
MP1	9108666	NXMGR: Import Assembly into TC uses DB_PART_MFKID instead of DB_PART_NO
MP1	9118661	Different values measurement report / NX results
MP1	9119253	NX CMM post processor output is out of synch with operation dialog selections
MP1	9119971	CMM: Results change to Collision Avoidance by path selection.
MP1	9134583	unable to sort/search feature list in the dialog box
MP1	9135343	multiple CMM dialogs do not have an Apply button

MP1	9146541	NX CMM alignment issues
MP1	9151572	Workpiece: Save as on a machining operation fails in managed mode
MP1	9152392	Stiffener was partially created along the path
MP1	9155030	Transition Boundary Issues (objects intersect)
MP1	9157678	Replacing a Component changes a path on a circle.
MP1	9162914	How to use commas in mapping attributes of Tc and NX
MP1	9165672	PMI setting - Update Reading Direction after View Rotate, applies to sketch dims
MP1	9170725	Tool Retrieve from Library does not use the special German Characters in NX 12
MP1	9170742	Report run attributes on overstock is blank
MP1	9172104	Support Steel feature attribute in spreadsheet driven by sketch expression
MP1	9172724	Profile/Plate Belt-Endcut corrupt after Limits update
MP1	9173389	Balloons with no text or leader attached cannot be selected
MP1	9173599	Unable to edit non leader balloon in NX 12.0.1 & later.
MP1	9178679	Post is not outputting correct B and C (fourth and fifth axis) word
MP1	9180469	Steel Distribution NX 12.0.2 : File Already Exists
MP1	9182753	Unable to assign reference part to altrep while importing part in Teamcenter
MP1	9183342	UGTOPV returns different errorlevel in NX 12
MP1	9188399	Profile/Plate trim taper extend keeping the wrong attributes
MP1	9189187	Unwanted message for parts with person model
MP1	9190906	cannot select balloon with no leader
MP1	9192627	Electrode Design BOM resets Blank REF_Z after moving EW_BLANK_PT
MP1	9196370	NX fails to read asserted mass values from JT
MP1	9206338	Internal error raised editing any Spline Path in NX 12.0.2

Release	PR Number	Short Description
MP2	7264978	Failed to change a direction angle of the dimension.
MP2	8337968	Match Face with Distance = 0 divides the target Face
MP2	8337976	Match Face with Distance = 0 creates wrong geometry in follow up flange
MP2	8337986	Match Face possible to create in NX 11 but not in NX 12
MP2	8354819	Angular measure between 2 faces - value and display are not correct
MP2	8358028	Replicated and redundant exploded views with same name in several drawings
MP2	8374007	Cannot deny Postconfigurator basic license to users with the opt file
MP2	8380733	Wave-Geometry-Linker Face Option Face Chain does not work with Tangent Faces
MP2	8381728	Box Selection is not possible in Wave Geometry Linker

MP2	8382872	NX session freezes when opening part file
MP2	8382893	WAVE GEOMETRY LINKER leads to unwanted deselection of selected faces
MP2	8382966	OPC server NX-MCD unknown error connecting KEPserver AB-plc.
MP2	8382981	File Open takes more than 10 minutes
MP2	8383014	WAVE Geometry Linker: Selection Error
MP2	8383352	Selection body at Curve Intersection takes longer and longer
MP2	8383654	Poor Performance when measure distance between two single faces of EXTRACT_FACES
MP2	8383722	Part could not be saved
MP2	8383815	Select Intent Single Faces for single faces of Extract_Face poor performance
MP2	8385793	Active workspace panel does not show check-out information
MP2	8386514	spline control disappears when deforming
MP2	8539087	The dialog of Edit angular dimension is wrong.
MP2	8886850	Unable to load the subordinate DEs with JT MultiCAD
MP2	9025853	Wrong result after Exporting and reimporting geometry using Step242
MP2	9043775	There is a problem about name of the new part created by [Export Part]
MP2	9046888	unable to open Solid Works 2017 assembly in NX 12
MP2	9050305	drilling operation with use 3D IPW does not start at the very top of the IPW
MP2	9051575	Display of the Removed Volume is not honoring use 3D setting for IPW
MP2	9090185	Maximum RPM for turning ops, which worked in 11.0.0.33, is not used in 11.0.2.7
MP2	9104126	NXMGR: Import Assembly to TC will not import to second ItemType
MP2	9104447	MultiCAD Reuse DE Modified on Initial load
MP2	9110883	Not creating marking line on profile
MP2	9112448	Need different symbols for Sniped Angled and Sniped Square
MP2	9112670	Flip Tool Around Holder and tool cuts outside cut regions
MP2	9117468	CMM: PMI orientation and tolerance vector do not match.
MP2	9119833	PMI not started in 2nd NX session but invalid license checkout swaps the bundles
MP2	9122156	extraction path includes extra motion at the end
MP2	9123239	Save fails after running journal as Pre Action, and having used Manufacturing
MP2	9127539	Unable to display custom attribute value in result of Advanced Search of NX.
MP2	9127619	Support manufacturing information symbols in detail design section drawing
MP2	9129439	Close and Reopen Selected Parts
MP2	9130313	Expression value causes DXF export to fail
MP2	9133692	Finish Turning Operation Ignores locally Defined Axial Trim Plane in Cut Region
MP2	9134583	unable to sort/search feature list in the dialog box

MP2	9141721	The value of Name property is not reflected in the part export function
MP2	9151161	AM: wrongly getting message that no support is needed
MP2	9154688	Collar plates failures with Hull stiffeners
MP2	9154756	Save as of drawing with altrep - failed to find dataset of altrep
MP2	9157158	Problem with export DXF files while using setting file DXF/DWG
MP2	9160262	LOP_B3.52: Destroy IPW Resolution
MP2	9169228	Cutting Side of Shell plates is not according to cutting side rule
MP2	9178854	Assembly Sequence - Extraction Path with rotation causes drift at end of motion.
MP2	9178954	UGALTREP created by Save As cannot be loaded.
MP2	9179571	NX Save-as error: The attribute array element index is invalid
MP2	9179861	CAM Turning Operations with Suppressed Geometry fail to generate using NXOpen
MP2	9180497	Marking Line Same Profiles Disappear after Update marking lines
MP2	9181749	Attributes templates does not keep the unit of attribute in NX 12.0.1
MP2	9183450	Resolution after doing Enhanced IPW did not show consistent look
MP2	9188134	GRIP EDAs &NATTR and &ATTALL return DATE part attribute as STRING type
MP2	9190459	Post processing fails in managed mode if CAM part uses specification relation
MP2	9190696	Incorrect duplication of Tool-Id callouts in 2D FlatPattern views
MP2	9192627	Electrode Design BOM resets Blank REF_Z after moving EW_BLANK_PT
MP2	9193480	SB Flange: Edit Parameters gives an error
MP2	9194731	Synchronization Manager - Simulation slow and not smooth
MP2	9195378	Tool / Tool holder display disappears until restart NX session
MP2	9195811	TCAAllowedChildTypes_ preventing creation of drawing using template
MP2	9196132	Make default selection intent for Bracket attachment limits as solid body
MP2	9196370	NX fails to read asserted mass values from JT
MP2	9197159	Selecting Spline Path raises an Internal Error.
MP2	9197231	Need a way to check thickness direction in basic design
MP2	9198081	Move object fails on double click-edit
MP2	9200870	NX - Extremely slow dialog performance editing features
MP2	9200922	Creating a nodal force report, trying to create a CSYS, unable to select nodes
MP2	9202224	An internal error message is raised during pocket operation.
MP2	9203428	Excess Material does not work in assembly context of PlatePreparation
MP2	9203567	after updating a NX 10 drawing in NX 12 dimensions lose reference
MP2	9203980	calling NXOpenPvtransManagerCreateJtCreator() method NX session freezes
MP2	9205771	Extraction path takes longer distance for play forward.

MP2	9205987	Expand tree (+) sign not displayed in NX Line Designer integrated with TC
MP2	9206922	Plate preparation nonplanar plate fails to mesh and honor metaform expressions
MP2	9208743	Scallop behavior has been changed for Surface Area Drive Method
MP2	9210180	NXMGR: Export Part will not create a CORP_CRITERIA Item
MP2	9212744	Edit Parting and Patch Surface throws IE with MW_PartingCoreSurfLayer 255
MP2	9214259	An error occurs by coding API or not
MP2	9214834	Spline Path cannot be edited for Deformable Part in 12.0.2.
MP2	9216010	Issues NX Electrode Design writing out attributes properly
MP2	9216387	NX CAM GMC Operation: Sub ops Label screwed up
MP2	9216858	Unable to modify a MOVE OBJECT feature
MP2	9217025	Workpiece - blank as facet body to specify problem
MP2	9218606	PR: Facet Body is not usable inside Geometry Selection
MP2	9221569	selection of Facet Body does not work anymore (Geometry Selection)
MP2	9222474	NX is going to hung state
MP2	9225336	NX CAM Update Problem: blank with facet body
MP2	9228757	Unable to open SolidWorks Assembly (*.sldasm) -PLMXML document contains no part
MP2	9230791	Internal errors reported exiting out of NX after adding a Sensor
MP2	9234213	Cannot select a Faceted Body as Blank Geometry in a Workpiece
MP2	9236494	Unable to select a facet body for part and blank geometry
MP2	9237450	Cannot select a Faceted Body as Blank Geometry in a Workpiece

Release	PR Number	Short Description
MP3	7419803	Would like to be able to select more than one feature to tolerance
MP3	7529069	FBM/MKE: Feature teaching creates attributes of type system instead of customer
MP3	8375928	Internal error when generating toolpath
MP3	8378962	Cannot use MKE due to Channel Command errors. No Operation and Tool types available
MP3	8383257	Texts are shifted in DXF file
MP3	8384163	CAM: Feature tagging works only in the beginning of a NX-session
MP3	8384475	Product Interface objects get Out of Date status by Delay Product Interface
MP3	8386138	Electrical Routing: Part Cleanup makes loaded harness corrupt
MP3	8386538	Unable to select Region for Trimmed sheet when Feature Preview is OFF
MP3	8386617	Flat Pattern size is incorrect; Flange with tangent web length reference
MP3	8386991	AM Build support display

MP3	8387207	Bumper pendulum placed at wrong contact point
MP3	8387208	Bumper cannot be deleted
MP3	8387210	The created Bumper-feature cannot be deleted.
MP3	8387559	PMIs (Angular Dimension) are not properly transferred to SE CAM Pro
MP3	8387566	PMIs (Diameter) are not properly transferred to SE CAM Pro
MP3	8388804	bad definition of material in assembly fem
MP3	8389004	Feature recognition crashes on specific part for STEP1POCKET
MP3	8390624	license nx_point_cloud_view is checked out without been used or needed
MP3	8390941	PR- Additional Item is created in NEWSTUFF Folder
MP3	8392042	From NX Manager, using Save as New Item, NX creates two references of the item
MP3	8393774	Wrong Angle Measure in Assembly Mode
MP3	8550301	Failed to import some rst files into SC
MP3	8550644	solver cannot grasp HPC license
MP3	8550869	h-matrix and FMBEM solver try grasping license from RLM license server
MP3	8970290	Link to PMI does not get Tolerance value correctly from PMI.
MP3	9005992	CAM NX12 - FBM Incorrect Inferred Depth
MP3	9038277	Transform path on PTS parts/stock needs to retain the PTS features
MP3	9047785	Export STL angular tolerance get lost when executing translation
MP3	9073959	Drilling operation using 3D IPW doesn't produce a tool path in NX 11.0.2
MP3	9110715	Edit sketch fails, seems to be related to a profile feature
MP3	9119486	Internal Error when Generated Fixed Contour Operation
MP3	9120750	CAM NX12 - Mirror FBM with Geometry SameAsSource Behavior
MP3	9124854	Measured Data dialog needs improvement
MP3	9134525	AG property policy causes slow down on Load
MP3	9138344	Engage and Retract set to Cut feed rate when pressing Set Machining Data
MP3	9152374	MKE returns an Channel Command Error if mrm_export_resources has used
MP3	9153762	Assign Coped Corner does not update the length attribute of the stock
MP3	9166364	Sensor angle does not change on the Inspection Path dialog.
MP3	9168490	Link to PMI fails after moving the component using Move/
MP3	9175362	Routing transform path will not copy stock across assemblies.
MP3	9177145	Sheet Metal Bend Radius can't be set to Global Value
MP3	9183700	NXOpen.CAM InspectionMoveBuilderSensorOpName failing to return all sensor name
MP3	9186537	Dimension arrow covers value on DXF import
MP3	9189235	Output frame number on plate template
MP3	9189239	Initial Selection QuickPick annoyance when starting NX
MP3	9189269	Profile intersection trim in basic design

MP3	9197231	Need a way to check thickness direction in basic design
MP3	9199127	Straight brake parts must have the Cutting side on the inner radius
MP3	9199949	ANT Column are performing a where Partitioned call taking time when expanding
MP3	9200301	Support for Expansion drawing from starboard to portside
MP3	9200683	PnM0 options Hole-type and Hole subtype cannot be changed at Verify Request
MP3	9202461	File Export Author HTML produces useless black and white images
MP3	9203437	JT Export not working for specific part
MP3	9206000	Drawing not saveable - Object creation is currently locked.
MP3	9206083	NXMGR: Part is not derived from a Multi-cad part file
MP3	9211204	Error when switching material removal off and on again during a simulation run
MP3	9211614	NX Auto weld symbol tail information is not always centered
MP3	9212563	3D toolpath verify takes longer in NX12.0.2 than 12.0.1 @ same settings
MP3	9212565	Saving Drawing: Object creation is currently locked
MP3	9214667	Support profile bending template
MP3	9215743	Spline path lock length slack driven by expression no longer working in NX12
MP3	9216045	File not found error to export iges in NX managed mode
MP3	9216453	NX clone Revision rule as saved using cmd
MP3	9219062	license nx_point_cloud_view is checked out without been used or needed
MP3	9220482	Unable to reference face adopt from JT after transformation matrix change
MP3	9220547	UDF thread lines do not change when editing UDF size
MP3	9222652	NX12 Solid Edge Interoperability re-specify File fails with new file location
MP3	9223389	Ribbon tabs disappear after using Simulation in Manufacturing
MP3	9224847	SaveAs to specified folder creates second reference in Newstuff-folder
MP3	9224879	Create Fabrication - selected item types does not get created via journal
MP3	9225057	Feature recognition crashes on specific part for STEP1POCKET
MP3	9225217	NX crashes during hole_making operation
MP3	9225294	Allow adding component of types not included in TCAIlowedChildTypes_preference
MP3	9226517	Editing spline path causes extension vector to reverse
MP3	9226980	Invalid Tag error trying to set work part - FMS issues
MP3	9227054	Incorrect collision detection in Machine Simulation
MP3	9227206	Drag and drop of classified items not working from Reuse library in NX
MP3	9227529	synchronization wait markers move when open the Setup in NX12.0.2
MP3	9228827	ID Symbol text lost converting to 2d
MP3	9229918	There's no call to support minimum curve radius in MKE
MP3	9231202	Not possible to use action TCE_REFER with PDW standard parts

MP3	9234034	After replace of suppressed components NX loses connection between _IN and _OUT
MP3	9235284	Problem with post processor in NX 12.0.2
MP3	9236925	Type filter selection missing when switching windows
MP3	9239207	Problem with screen resolution setting in PostConfigurator
MP3	9239314	NX12 does not support high resolution screen settings
MP3	9239968	Threaded hole from Solid Edge causes missing threaded features error
MP3	9240116	Unnecessary warning on Find Features for new SE2019 threaded hole
MP3	9240539	Insulation fails to create on planar plate.
MP3	9245173	Error when drag & drop Inspection Path Operation to unused items in Machine View
MP3	9246014	Subprogram parameters passing doesn't work for Okuma controller in NX12.0
MP3	9246119	After changing NX Attribute value linked expression value is not updated (Error)
MP3	9247114	Cannot add reuse library items with multiple revisions by dragging & dropping
MP3	9249905	Interpart expression is not updating attribute in NX12.0 from NX10.0 part file
MP3	9251694	Routing spline point extension vector created in the reverse direction.
MP3	9251738	No Selection Filter in Modeling is lost when switching part and editing feat.
MP3	9253230	Un-selectable geometry in shaded section view
MP3	9253770	When creating a new item with [SaveAs], it is created in the "Newstuff" folder.
MP3	9255008	Switch to Expressions creates an Internal error: memory access violation
MP3	9255208	Performance issue with the part attribute (allow multiple values option checked)
MP3	9256022	[Feature] cannot be selected
MP3	9257963	Difference between UGtoPV translation NX 9.0.3 MP15 and NX 12.0.2 MP01
MP3	9259078	Circular reference error while modify Plates
MP3	9263185	UGto2D translator fails with NX Teamcenter Integration
MP3	9265323	Ribbon tabs Disappear after using Simulation in Manufacturing
MP3	9267252	3D Dynamic Tool Path Verify is very slow when Step is pressed
MP3	9272074	Unable to import more than one revision of the same item
MP3	9273388	DXF Export failed. - Siemens PLM Component has stopped working

Release	PR Number	Short Description
MP4	7594647	Please improve Collision Avoidance so that users specify some avoidance path.
MP4	7597133	Turning: Operation Status not updated after Modification of a Previous Operation
MP4	7671657	Please add Bounding Box option in Specify Safe Plane.
MP4	7917487	Please allow us to select the evaluation PCS in Coordinate Tolerance dialog

MP4	7960717	Moving points in a path in the graphic window relative to a face
MP4	7967228	Pin outs are not correct when adding a Pin List in Routing
MP4	8390916	Editing routing spline path is extremely slow when drawing is loaded in session
MP4	8392317	Sig11 with Minimal Load in NX 12.0.2 MP1
MP4	8394666	Wrong exported PDF of perspective view with embedded raster images
MP4	8395605	Driver values not correctly populated (plot to spreadsheet)
MP4	8399458	During open part file Null-Tag not allowed
MP4	8552667	Incorrect Acoustics Absorber assignment
MP4	8925750	Electrical routing component not selectable when adding to component navigator
MP4	8948338	Error with Turning 3d verify Stock Removal (IPW)
MP4	9009913	G74 (Pecking cycle) Cycle Z value is not output correctly
MP4	9119323	NX CMM DMIS Post Processors - flatness rate of change is missing from output
MP4	9127891	Attributes linked to expressions doesn't update in Drafting
MP4	9153139	Batch clearance analysis only lists unknown objects
MP4	9156072	Performance problem when opening part family templates
MP4	9169546	Part attributes dropped from part, created with different item type
MP4	9171328	Issue in resetting the feeds and speeds values for multiple operations
MP4	9172647	Slow simulation due to collisionpair Machine_Base and collision_elements_setup
MP4	9181813	Stiffener failed to transition
MP4	9191434	Wrong 3D Material Removal using IPW with Needle Distance instead of Needle Count
MP4	9196410	PMI note referenced links to attributes doesn't update properly
MP4	9196505	PC stopped running when Toolpath Verify on turning operation
MP4	9198061	Subsequent operations changed the status to Regenerate
MP4	9212537	Use 3D IPW shows incorrect threaded hole volume
MP4	9212685	Resource Bar no longer defaults to History tab when closing parts
MP4	9213928	NX: Saving drawing returns Internal error: memory access violation
MP4	9219154	Null tag not allowed with retained Ordinate Dimension
MP4	9221893	Drafting View fails to update properly
MP4	9231677	Unable to open drawing part - Null tag not allowed
MP4	9232328	Unable to successfully load components with partial load
MP4	9233936	Post Builder PPs produce incorrect output when read ahead is active
MP4	9234379	Interdependent LOV not populating the correct list when value has same name
MP4	9238080	Drafting view does not match modeling after changing an expression
MP4	9238895	When editing an operation, the operation will get a new name

MP4	9239708	Turning Tool crashes NX 12.0.2 in Machine Simulation.
MP4	9239710	TcNX doesn't copy the description column from old to new
MP4	9239988	Deceleration in position control is not working when speed is decreased (eg 0)
MP4	9241715	Corner Rough Operation gouges the part
MP4	9241753	Custom Boundary Data Offset value does not apply to all boundaries
MP4	9241796	NX10 motion file opened in NX12 populates the spreadsheet with incorrect values
MP4	9243342	Wrong Material Side is selected with Grip
MP4	9243879	Internal error occurs when opening NX12.0.2 part in NX12.0.1.
MP4	9244226	NX11 starts without bundle variable, but IGES keeps working
MP4	9247322	Error when drag & drop Turning Tool from one Pocket to another
MP4	9249660	Multiline string block in NX12 fires update callback differently
MP4	9253189	Advanced Weight Reporting tool in NX 12.0.2 is incorrect for mass on components
MP4	9254441	Event MOM_cutcom_off missed with Turbo Mode
MP4	9256609	Poor Performance when editing a routing spline with overstock applied
MP4	9258161	New explorer interface problem in ID-Bore operation
MP4	9258753	Error when drag & drop Turning Tool from one Pocket to another
MP4	9258915	Excess material color assigned stays after deleting the feature
MP4	9259053	Decks at section boundary needs to be transitioned to section below
MP4	9259566	Editing features with rollback is slow when drawing is loaded
MP4	9259732	Spline point does not remain selected after using Detach and Axis drag
MP4	9261090	NX Sessions Frequently Crashing
MP4	9261465	Title block in drawing not updating to expression linked to attribute
MP4	9262077	Point to point operations are not assigned correct cycle type in NX12
MP4	9262608	Basic Lights setting and studio rendering
MP4	9263787	Weld Symbol disappears
MP4	9264434	Feature Replay: An operation was attempted on an invalid or unsuitable OM object
MP4	9265131	Internal Error - Memory access violation comes up after editing a Hinge Joint
MP4	9265278	Sheet Metal from Solid: Compatibility in NX 12.0.1 vs. 12.0.2
MP4	9266483	Create Manufacturing parts in containers not working
MP4	9266791	Unique_ID assignment issue
MP4	9266905	Error when drag & drop Turning Tool from one Pocket to another
MP4	9267597	Faulty Drilling Depth BORING_BAR_STD in STEP1HOLE
MP4	9268320	Setting READ-ONLY on BVR raises Severe Error while saving a part in NX 12
MP4	9268915	Update NX 12.0.2
MP4	9271795	Editing PMI note causes nx12 internal memory crash

MP4	9273084	Incorrect stock size - Electrode Wizard in NX1202
MP4	9273237	Application Enter Failure when moving Tool per drag and drop to other pocket
MP4	9273786	Starting NX 12.02 MP02 from TC 10.1.7.1 client cache is empty warning
MP4	9273795	Cant delete Assembly representations in NX12
MP4	9274058	Error in syslog when both drawing and model is open and object is moved
MP4	9276061	Sheet metal parts attribute update
MP4	9277072	Open contour in cutpart xml
MP4	9278705	Error entering UG_APP_MANUFACTURING
MP4	9280173	Internal error while select objects in Planar Ship Grid
MP4	9282553	Missing or Wrong Mom Variable mom_arc_start_angle in NX12
MP4	9283662	Incorrect connected part doing weld publishing to Teamcenter
MP4	9283729	Post Configurator gives Wrong MOM Variable mom_cycle_type
MP4	9283744	Error while Drag and Drop turning tools to different pockets
MP4	9283833	NX12 is switching to the gateway if you shift a 3D-tool to another pocket.
MP4	9284533	Serious error when converting JT in ugtopv
MP4	9284538	NX returns an error when you drag and drop a turning tool twice to different pocket
MP4	9287804	NX crash while run validate basic design model
MP4	9287900	Edit profile cutout cause circular reference error
MP4	9287938	Cannot create profile cutout
MP4	9287949	SHIP: Edit stock is not working while change the stock size back
MP4	9296570	Error starting application UG_APP_MANUFACTURING
MP4	9296657	Rename and Export Component with Tooling Name Rule fails
MP4	9305784	During open part file Null-Tag not allowed
MP4	9307024	NX crashes when moving tools from pocket to pocket
MP4	9308683	Unable to open drawing part - Null tag not allowed
MP4	9315689	Unable to open part - Error while updating an object of type Ordinate Dimension
MP4	9317982	Unable to open drawing part - Null tag not allowed

Release	PR Number	Short Description
MP5	1986655	Component is spuriously flipped during formboard update
MP5	1995114	Link to PMI does not work with Hole Callout Radial Dimension
MP5	7561150	A deformable part with a Spline path with Lock Length Slack fails
MP5	7971565	Want Ordinate origin to be linked with Link to PMI.
MP5	8006396	PMI Hole Callout is not consumable to NX CMM
MP5	8348803	unable to create deform pipe with Lock Length Slack
MP5	8381523	mqc_askInterpartLinkStatus does not return reliable status for outdated IPEs

MP5	8384478	Null Tag not allowed Error during switching window
MP5	8389522	Product interface link show wrong geometry
MP5	8389734	Dimensions of Sketch cannot be moved
MP5	8390954	Threaded Hole - Inch BSP: Inch value changes to MM. value
MP5	8391127	Sketch dimensions not moveable
MP5	8391160	loading_part_takes_a_long_time
MP5	8391875	Save Abort
MP5	8394035	Part cannot be opened
MP5	8394842	Motion Import- Components of Assembly Reference set Switches to Entire part
MP5	8395265	Fixed Unfolded Length Type for Resize Bend Radius changes geometry of the part
MP5	8395771	PI_out_of_date_with_delay_update_on
MP5	8396369	Sketch dimension cannot be moved
MP5	8397109	Suppress/Unsuppress action is causing Update of Interpart Link
MP5	8397165	Drawn Cutout, wrong result using side angle and Material Outside
MP5	8397396	Components are not added to Spool during Detect Spool.
MP5	8398716	Easy Spot Userexit
MP5	8399182	Wrong_Geometry_of_Linked_Body
MP5	8399583	Components cannot be opened in Assembly
MP5	8400679	Divide ToolPath Corrupt the Part and Part cannot be saved
MP5	8401345	Running Manufacturing XML Out does not produce excel file
MP5	8825055	NX CMM and Mfg Planning
MP5	8831346	Deformable Flex Pipe with length slack constraint give errors
MP5	8967120	Spline shape type to Lock Length Slack raises error Depends on itself
MP5	8981762	Want to display the path with Rotary Table feature on the graphics
MP5	8991314	PMI Hole Callout not supported in Inspection application.
MP5	9100126	Generic Motion Rotary Point vector grayed out the OK and Apply buttons.
MP5	9104148	Problem with smoothing corners
MP5	9127619	Support manufacturing information symbols in detail design section drawing
MP5	9136032	Output welding code and side option as label while plate xml output
MP5	9138007	Query Search for DB-Alias inside Machine or Device Library does not work in Mana
MP5	9139537	NXMGR: JT Assembly Level Features missing when opened in NX
MP5	9141462	not able to select a position for dimension
MP5	9148727	NX Part Family Member Using Template Item ID Instead of DB_PART_NAME Value
MP5	9158309	PMI Hole Callout not linked to inspection
MP5	9164297	Not possible to move rapid dimensions in sketch

MP5	9189316	Show material allowance as text on profile
MP5	9190408	Create New Component does not honor TC_part_types_display_filter
MP5	9191350	Sketch - cannot move dimensions in context of an assembly
MP5	9194582	Cannot get the PNT Interpart Expression status programmatically by NXOpen
MP5	9195242	Flat pattern bend radii callout does not maintain units
MP5	9196147	Support IHC Flange Bending label
MP5	9196843	JT Bi-Directional Translator for IFC not converting correctly
MP5	9199833	edit sketch dimension position in assemblies
MP5	9204842	Tool Vector become different after adding new toolpath lines through API
MP5	9205216	Sketch - cannot move dimensions in context of an assembly
MP5	9208684	Sketch dimensions cannot be moved
MP5	9210746	NXMGR: Save As New Item error
MP5	9213556	Divide ToolPath Corrupt the Part. Part cannot be saved
MP5	9214667	Support profile bending template
MP5	9215519	Unable to deform path with Lock Length Slack
MP5	9226541	Memory Access Error when Switching between Booklet Drawing Files
MP5	9231200	Threaded Hole fixed depth mixed unit is incorrect depth.
MP5	9231292	NX Not Loading Deformed JT in 4GD only
MP5	9231706	Problem with groups if using different language settings
MP5	9235284	Problem with post processor in NX 12.0.2
MP5	9241772	Performance degradation when generating tool path in NX 12 compared to NX 10
MP5	9242464	Part Family - ItemRevision Name wrong and differs from Item Name
MP5	9242940	Incorrect toolpath with activated CutterCompensation and OutputContactData
MP5	9242984	Toolpath contains spike, VerifyToolPath shows toolpath without spike
MP5	9243969	Memory Access Violation when using Make Unique function
MP5	9244932	Advance Flange does not give the right unfold bend length
MP5	9245566	NX-CAM Cavity mill operation plunges into material and cuts too deep
MP5	9246192	Collusions in Fixed Contour Operation
MP5	9248696	Problem when placing a self-generated part from Reuse library
MP5	9248754	Generic motion - rotary point vector issue
MP5	9249344	Request a function that can set Feed Adjustment on Arcs with MKE.
MP5	9253914	Part names are truncated in the Window pull down menu listing
MP5	9254037	Unrelated features being deleted when deleting specific
MP5	9254379	Cannot open part files, OM error returned.
MP5	9255781	AWS Change Management and Intelligent Save warnings in NX 12
MP5	9257832	UF_UGMGR_reg_new_part_no doesnt generate the Revision ID in FileNew anymore

MP5	9258391	NPT Threaded hole threads do not shown properly.
MP5	9258695	The result of "Import Assembly into Teamcenter" differ for custom item type only
MP5	9260183	Insert Sheet from Template Causes Part Units Error
MP5	9262840	Problem with smoothing corners in fixed contour operation
MP5	9263066	MOM_ask_library_attributes does not work when TC was not initialize first
MP5	9263542	Internal Error is raised opening a part from NX/Manager.
MP5	9264866	Newly created thread definition disappears when NPT thread hole is reordered
MP5	9271511	Rectangular stocks get reoriented when bend is assigned
MP5	9271772	Unable to drag sketch dimensions in assembly context and sketch view
MP5	9272348	Support IHC profile sketch
MP5	9272445	Cannot adjust height of plate bending template
MP5	9273675	Export of a simple drawing - DXF file will be 1GB large
MP5	9274865	PMI Dimension associated to multiple tab/slots did not flow to NX CMM correctly
MP5	9280573	Internal error while check sheets of profile sketch
MP5	9281759	Internal errors when exiting NX after editing probe angle in a MEAS subop
MP5	9283396	DXF-Export creates small temp file
MP5	9283478	Dispatcher fails converting JT, but the console shows COMPLETE.(part3)
MP5	9285688	sim09 (heidenhain) runs with limitations and collisions
MP5	9286480	Plate Preparation causes attributes to shift
MP5	9288461	Assembly that opens in NX 10 fails to open in NX 12
MP5	9288626	Cannot display the NX online help while starting the [Measure] command
MP5	9288634	NX 10 part opens in NX 12.0.1 but not in NX 12.0.2
MP5	9289015	NX Hangs during ship structure profile creation (after NX 12.0.2 update)
MP5	9290476	Getting Wrong result with Mirror Ship Structure command
MP5	9290778	Rotating the sketch plane makes it impossible to drag dimensions.
MP5	9290796	Item und Itemmaster ownership by part family parts not OK
MP5	9291438	Error importing AutoCAD 2018/19 DXF/DWG file in NX 12.0.2 MP02
MP5	9291702	Mold Wizard hangs at ADD MOLD BASE in NX 12.0.2
MP5	9292082	Position of Auxiliary view changed after 2D Exchange.
MP5	9292405	3D Verify grabs all remaining memory (32 GB)
MP5	9292424	Regression in ability to tessellate XT Brep
MP5	9292964	It makes it difficult to select a face when lightweight representation
MP5	9294017	Performance in Line designer is slower than Modeling with Minimally load.
MP5	9296432	NXMGR: Part family creation does not create DB_PART_NAME correct
MP5	9296528	Search of Classification node in Reuse library not working first time

MP5	9296795	Adaptive Milling Custom Feed and Speed wrong output in cl-file
MP5	9297408	Hose with constant length cannot be deformed
MP5	9297844	Heal Path Spline missing 2 Assembly Constraint (Slope Constraint)
MP5	9298549	Missing Assembly Constraint on Heal Path
MP5	9298814	Editing feature affects component display state of other window
MP5	9299672	Surface Percentage Method is not learned by FBM and MKE
MP5	9300042	Invalid Storage Manager mark identifier specified when closing parts
MP5	9300175	Executing GRIP program from custom menu in Manufacturing causes NX to freeze
MP5	9300186	NX 12 component add sets specific translucency on component
MP5	9300196	NX 1202 Replace Component - Show Revisions does not show all Teamcenter Revisions
MP5	9300257	Sheet Metal - U cutout changes
MP5	9300686	Save failed after divide tool path
MP5	9300826	The update mark of the drawing does not disappear.
MP5	9300843	Save As: Work Part chosen, but selected component saved
MP5	9301074	How to set Feed Adjustment on Arcs in MKE for FBM
MP5	9301180	Field weld flag shows solid on screen but will not print solid
MP5	9301737	Flat Pattern fails after Move Face
MP5	9301864	The preceding Generic Motion operation (measuring operation) is incorrectly affecting the IPW
MP5	9302426	Internal Error when Generate Turning Operation
MP5	9302440	Show Hide of assembly geometry no longer possible when component is work part
MP5	9302727	Problem with Grooving Tool graphics after upgrade to NX11
MP5	9302845	Error - An operation was attempted on an invalid or unsuitable OM Object
MP5	9303360	Some shapes are not displayed in detail View while lightweight display assembly
MP5	9303598	Flat Pattern fails when Circular Cutout is created
MP5	9303795	Units - Inch Part - Metric Thread - thread depth is interpreted wrong
MP5	9304662	Component added using drag does not use Model Reference Set
MP5	9305356	Move Component gives error Incorrect object for this operation
MP5	9305596	Line Designer license gets checked out automatically when starting NX
MP5	9306656	Query Search inside Machine or Device Library does not work in managed mode
MP5	9306996	During edit of style blend the preview is incorrect until you click show result
MP5	9307541	NX 12.0.2.9 does not support queries with Cascading and Batch LOV in Adv. Search
MP5	9308531	Flat Pattern fails
MP5	9309142	An extra file gets created for DXF/DWG 2D layout option.

MP5	9309586	Wrong IPW generated performing Verify Tool Path 3D-Dynamic
MP5	9309670	Number of segments of Spline when exporting to DWG/DXF
MP5	9310081	Reference Set specific notes created in 3D are not translated to 2D
MP5	9310151	Material is getting removed after running a feature playback.
MP5	9310615	Display Interference Curves does not become valid when opening with Lightweigh
MP5	9310658	Metric Threads in imperial parts ignoring input dimensions
MP5	9310932	Part Family Member Ownership Template does not work
MP5	9311018	Units - Inch Part - Metric Thread - thread depth is interpreted
MP5	9311480	In assembly parts transparency not getting reflecting.
MP5	9312044	ShipNamRecipe Port or Starboard does not work with nonplanar ship plates/profiles
MP5	9312821	Failed to send large assembly data to NXVR
MP5	9313944	Imperial Thread Depth Shown Incorrectly in Metric Part
MP5	9313986	MOM_ask_library_attributes does not work together with MRL
MP5	9314643	Export sheet 2 to DXF exports sheet 1
MP5	9315191	Assembly with replica part causes nextocgmdirect to leave UGPART checked-out in TC
MP5	9317097	Save As Issue for Boolean Property in NX
MP5	9317205	Support Bracket symbols on drawing
MP5	9317877	An Operation was attempted on an invalid or unsuitable OM object
MP5	9317959	Cannot move sketch dimension in assembly context
MP5	9318877	Export DXF/DWG or other translators
MP5	9319533	slash character not honored in .plmxml import
MP5	9319909	Getting no such variable error when opening a post in Post Builder 12.0.1
MP5	9324125	Inch Threaded Hole updates in mm unit and fails with Invalid thread depth
MP5	9325481	Elbow boots flip 180 degrees on formboard update
MP5	9325690	Differences in hiding bodies when using Make Work Part in Assemblies
MP5	9326572	OOTB Profile Cutout not correct on Non Profiler / Planar plate
MP5	9327206	Thread depth of imperial hole updates with same value but mm unit in metric part
MP5	9327647	Export Current Drawing option for DXF export not function properly
MP5	9328156	XML output preview is not according to manufacturing for straightbrake bodies
MP5	9328414	Line Designer license gets automatically checked out after NX is launched
MP5	9330083	Id_line_designer license is pulled without reason
MP5	9331111	Line Designer license gets automatically checked out after NX is launched
MP5	9332104	Cannot open PRT file on NX 12 because of hatch in draft, but opens fine in NX 11
MP5	9334207	Inch Threaded Holes in a metric part have incorrect thread depth value

MP5	9338457	Cannot move a sketch dimension from component
-----	---------	---

Release	PR Number	Short Description
MP7	7917454	Want to control Datum Letter so that greater than 2 characters are inputted.
MP7	8384513	Positioning in Assembly
MP7	8386410	Expressions Dialog: ENTER and TAB functionality
MP7	8387608	In Composite Curve the scrolling function with the mouse wheel does not work
MP7	8397672	License nx_ship_detail is not checked in
MP7	8403772	Object contains geometry not in the current reference set
MP7	8404474	Placement of a cut elbow in Routing adds item as Part Family Member
MP7	8406669	NX Motion - Syntax error when opening Simulation
MP7	8407559	Missing objects after export Drawing to DWG
MP7	8408579	An operation was attempted on an invalid or unsuitable OM object
MP7	8411358	NX - Edit Note Dialog Very slow on first edit
MP7	8522338	Cavity mill gouge the model
MP7	8535144	gouge motion in cavity mill
MP7	8550214	Scroll Is not working for Type Filter
MP7	8554660	GC Toolkit: work order does not work in NX 12.0.2
MP7	8921715	Missing Scan Arc after importing DMIS52
MP7	8971812	Library is missing required entry point
MP7	9048499	component moves twice the intended distance
MP7	9093818	Calculation Method as Optional on Tolerance Operation of type Distance Between
MP7	9141329	CMM: A face unrelated to a point is selected as the projection face.
MP7	9142001	Export DXF: Radial (Folded) dimension as Group -- wrong value
MP7	9146559	Linear 5-axis Move To Point using the Offset option does not follow the part
MP7	9170166	USER_MERGE (ufmrg) User Exit drops filename with return code 2 since NX 11
MP7	9182734	Re-use library is very slow compared to Teamcenter Navigator browsing
MP7	9189682	Reuse DE is always loading as modified
MP7	9193717	Suppress SheetMetal Tools ToolMarkers remain untouched
MP7	9199572	Internal error if adding subassembly containing deformable part
MP7	9206786	CMM: The angle of the path changes in generation.
MP7	9211997	internal error during add component
MP7	9212519	Deletion of UDF takes very long time
MP7	9213628	Flange: Corner Relief partly removes Bend from opposite side
MP7	9215504	Selection Filter Scroll down not possible

MP7	9219536	Selection Type Filter is not Scrollable with Mouse Wheel
MP7	9220909	WEIGHT value is being transformed during PLMXML route list import
MP7	9222619	NX Viewer does not allow to close other MDP Windows by read only state
MP7	9224893	Radial Popups under Windows10 not working reliably
MP7	9230608	Mandatory attribute not working for PTS Template while saving.
MP7	9232016	Use TAB instead of ENTER in Expression formula auto-fill
MP7	9241298	Negative sketch dimension changed to positive when expression name is changed
MP7	9256800	NX 12 viewer unable to close parts
MP7	9257992	Internal Error when adding component containing deformed part
MP7	9262142	Bad Performance creating drawings with large assembly open in background
MP7	9266653	An error occurred during Computation of Part off Cut
MP7	9270200	Add a column in the Inspection Navigator tree to show all active UDEs
MP7	9274836	DE attribute values on manufacturing parts not retained
MP7	9278992	Wrong message - Item type is invalid for Part Family operation
MP7	9282314	Part Family Creation Fails on creating a new revision of part family member
MP7	9282505	Reset Radial and Diameter Preferences does not work.
MP7	9283207	Thumbnail displays wrong part number when part name is changed in TC.
MP7	9287087	After Flange creation the Flange width is no more the same (-0,002 mm)
MP7	9290549	unable to edit operations where the Cut Area selection uses removed faces
MP7	9292465	Failure to follow feed rate values from short segments
MP7	9292990	Error message is not displayed/output if wrong value is entered in Data Validation
MP7	9295980	Load part from Reuse library raises Create dialog failed
MP7	9296684	wrong angle with circular slot feature
MP7	9300041	Marking Line disappears after reorder in part navigator or change of linked body
MP7	9300594	Save Work Part Only not available in DMU Application
MP7	9303012	The direction vector of Linear Dimension Tolerance by Link to PMI is wrong.
MP7	9304144	Spreadsheet input restriction is disabled.
MP7	9304851	Ordinate dimension gives internal error memory access violation
MP7	9305305	SOLID_PROFILE_3D Path repetition generation sporadic Off knife case
MP7	9305356	Move Component gives error Incorrect object for this operation
MP7	9307640	Reusable library performance issues
MP7	9310692	Component in Sub-assembly moves twice the distance as intended.
MP7	9311026	Realize Shape Cage Control Entities Remain Stranded on Original Layer
MP7	9311315	Using Knowledge Enabled part in NX 12.0.2 MP3 in combination with Teamcenter
MP7	9312496	Individual Routing Segments not selectable in NX 12 in Modeling Mode
MP7	9312513	Dimension loses associativity to hole on Section View after changes to model

MP7	9314530	while creating a point, no point on curve with a datum plane can be made
MP7	9314631	Sheet Metal Flange is always too small in the model
MP7	9322795	Radial Popup menu does not work after applying Windows update program
MP7	9323166	copy rule from rev to rev
MP7	9323382	Open Part Family Member fails
MP7	9325199	NX 12 Issue - Reference set error on generating operation
MP7	9325536	dragging MEAS points returns internal memory errors
MP7	9325629	NX CAM Tool with holder insertion longer than tool length no longer possible
MP7	9325815	Inspection simulation for -A angles on PH20 not showing correct head movement
MP7	9326011	The behavior of the radial menu is wrong with Windows 10 1809.
MP7	9326336	Open in Window cause display flickering problems
MP7	9326362	Toolpath Time computed 0sec with negative length
MP7	9326572	OOTB Profile Cutout not correct on Non-Profilier / Planar plate
MP7	9326906	Overshooting Radial shortcuts in NX 12 is inconsistent
MP7	9327215	Sheet Metal Flange is always too small in the model
MP7	9328156	XML output preview is not according to manufacturing for straight brake bodies
MP7	9328785	Internal error with deformable components
MP7	9329176	Very high-performance time to get weight of assemblies (Managed Mode)
MP7	9329203	By adding a flange, a bend on the others side of the part is almost vanished
MP7	9331348	Wrong detection of a feature
MP7	9331802	Extension of the ordinate dimension results in an internal error
MP7	9331969	NX - Drafting editing Note performance regression
MP7	9332878	Deformable part with Route control point gets modified when deformed
MP7	9333314	custom symbols are not visible when the revision rule is Precise Only
MP7	9333328	Ship Section Drafting Issue with custom drawing document type
MP7	9333875	Placement of a cut elbow in Routing adds item as Part Family Member
MP7	9334424	ISV: False Collision Detected when Previous Operation use a Thread Mill Tool
MP7	9335772	Unable to open assembly - Invalid OM object
MP7	9336205	Overriding Nominal number in Tolerance Operation does not work anymore.
MP7	9336876	Formboard Rotate Component not working for elbow boots
MP7	9339244	No cut regions are found in NX 12
MP7	9339656	Stock as Component in Tc Environment creates Stock ItemID with MFK string
MP7	9340005	Radial Shortcut does not work properly in Windows 10.
MP7	9342667	Reload routing part library ignores active specification
MP7	9343355	Main structure on drawing changed to second geometry when update it in NX 1202 MP4
MP7	9345455	Cannot Create Part Family Member: Family member part is already loaded

MP7	9345474	PMI is showing up as retained in the Build Authority Workset
MP7	9348613	Error during multi-flange depending on the selection sequence.
MP7	9349412	Second monitor setting greyed out in second NX session
MP7	9349789	End Cut definition with End Face Type: Square Cut delivers a wrong 3D Modell
MP7	9350923	Standard C++ exception caught when Saving the Cam Part
MP7	9351587	Open Solidworks is losing component names
MP7	9352356	Part cannot be saved after Divide Toolpath
MP7	9353997	Port update renames ports and removes pins on an electrical connector.
MP7	9354759	Severe assembly structure problems while updating structure and loading
MP7	9359955	Operation cannot be generated ... the reference is not found
MP7	9362681	NX freezes when opening Component
MP7	9363905	USER_MERGE (ufmrg) User Exit drops filename with return code 2
MP7	9364094	Edge Cut Error for specific Guide Offset when placed on Non-Planar Profile.
MP7	9364407	insert multiple flange failed
MP7	9364767	CAM: Trim Tool Path causes save aborted.
MP7	9365209	Wrong result with Multi-flange feature in NX 12.0.2
MP7	9365655	Error opening 4GD work set with obsolete DEs
MP7	9368282	Problem loading CAM assembly parts in NX 12.0.2
MP7	9370548	Internal error adding a routing assembly
MP7	9375954	Measuring width of Flanges not accurate
MP7	9380668	failed to load bookmark: PLMXML document contains no part on NX 12.0.2

Release	PR Number	Short Description
MP8	7774710	Request to create the scanning path while rotating table.
MP8	8359421	IPW color in 3D Dynamic showing colors transferred from previous setup.
MP8	8392055	CAM Operation TIME in ONT with machine model
MP8	8397026	Turning IPW not correct between turning and milling operations.
MP8	8400304	Unable to add a sheet to drawing with IP Clearance component
MP8	8412615	sheet metal tab fails to update if JT export is active
MP8	8547525	Unable to open file error
MP8	8556473	Regenerate the NX 8.5 toolpath in NX 12, and the cut levels changes to incorrect.
MP8	8558161	Rectangular stocks reoriented when bend is assigned with some selection methods
MP8	8558348	Run the journal to delete CAM setup cause error
MP8	9058698	Object presentation changes when use Trim on Basic Curves
MP8	9170169	Update Resource Revisions only works with the same tool type

MP8	9177247	Unable to open file error
MP8	9205236	Unable to open the part uploaded
MP8	9219547	Posted output in NX 8.5 does not have G28 but NX11.0.2.7
MP8	9228990	Planar milling - Boundary creation/editing issues. - use of permanent boundary
MP8	9230733	Recognition of blind hole with chamfer only works with selection of the chamfer
MP8	9236652	Planar milling - Permanent Boundaries
MP8	9238234	PMI report showing deleted PMI that was never deleted
MP8	9251104	Unable to open file error
MP8	9254379	Unable to open file error
MP8	9263911	Unable to open file error
MP8	9276314	Modified after opening
MP8	9288174	Sheet metal, unable to create a specific flange after a save
MP8	9288634	NX 10 part opens in NX 12.0.1 but not in NX 12.0.2
MP8	9295755	NXTOPVDIRECT Translator on Dispatcher is not Translating Production Assemblies
MP8	9296825	NXMGR: An operation was attempted on an invalid or unsuitable OM object
MP8	9302845	An operation was attempted on an invalid or unsuitable OM Object
MP8	9306907	SB-Flange does not work correctly
MP8	9308129	Unable to load specific sub assembly.
MP8	9309452	Attributes of Basic Curves change on Trim Curve
MP8	9317154	Thread representation by JT creation is always visible
MP8	9317877	An Operation was attempted on an invalid or unsuitable OM object
MP8	9325427	Message The part contains a reference to a native part when trying to save
MP8	9327272	Assembly PMIs will not get displayed in exported JT file
MP8	9332104	Cannot open PRT file on NX 12 because of hatch in draft, but opens fine in NX 11
MP8	9332770	Unable to open file error
MP8	9335857	Add Component results in incorrect Component Ref Set in Assembly-level Ref Set
MP8	9335864	Unable to save specification in NX 12
MP8	9347124	Measure length output used in another expression giving wrong result
MP8	9347377	Maintain Components Shown in View Memory Access Violation Error
MP8	9351237	Structured Storage Error: Unexpected error
MP8	9352208	Error in external Library error when creating Adaptive Milling operation
MP8	9356484	Error creating a Multi-Flanges with NX 12
MP8	9358567	Selection Scope in Routing Qualify Part limited to Within Work Part Only
MP8	9359522	Line width of extracted splines in drawing view does not update to align with model

MP8	9359532	stiffener not getting split.
MP8	9360874	Part Cleanup partly deletes custom symbol
MP8	9361966	It is not possible to create a flange after saving with option save JT data
MP8	9363112	Issue with Leftover Inter-part Links with Move Component
MP8	9364527	Qualify Part does not allow selection in Entire Assembly anymore
MP8	9367047	Turning tools are reloaded continually
MP8	9367339	Assembly part file cannot be loaded with components due to IE
MP8	9368093	Cannot save NX 10 part in NX 12
MP8	9368203	NX maintains external references without apparent reason
MP8	9373634	Edit a Sheet Metal Flange-Feature error
MP8	9373635	Custom Symbols Flipping in TcVis - saved from NX 12
MP8	9376355	File save error
MP8	9378276	PMI Labels and Weld Symbols in NX PMI Views are Missing from Vis
MP8	9379338	Floor stock is not applied to the intermediate floor faces.
MP8	9381733	This feature was created in a future version, syslog note false alarm
MP8	9383478	Selection scope cannot be changed anymore
MP8	9384954	Drafting Environment, Dimension link is broken
MP8	9385637	Null pointer opening piping assemblies
MP8	9386325	Saving and closing a part in Manufacturing via NX Open does not work in NX 12.0.2
MP8	9386648	Rectangular stock flips when placing a flange
MP8	9387136	Part Load Issue Solid Body Error
MP8	9388472	Unable to open file error
MP8	9389305	Precise Error on save of Workset When Assembly is precise
MP8	9390693	Duplicate PMI Label Leader Lines in NX12 Model Views
MP8	9391662	Component Translucency becomes fixed at 70
MP8	9392495	retain component suppression from Structure Manager into NX
MP8	9393227	Error when selecting operation
MP8	9393769	Fully Load - Lightweight gives false results
MP8	9395088	Cannot initialize a new project for Progressive Die Wizard
MP8	9409543	Position Numbering on profiles/brackets incorrect
MP8	9409923	File Save As failed due to Structured Storage Error
MP8	9411165	XML Output of Straight brake Part BendCenterLineLabel missing

Release	PR Number	Short Description
MP9	8412253	mom_nex_motion_event incorrect for the first circular_move motion

MP9	8413555	This object contains geometry not in the current reference set
MP9	8413640	This object contains geometry not in the current reference set
MP9	8415488	XML output for knuckle bending parameter: wrong angle (pos./neg. value).
MP9	8830778	On Machine Probing- incorrect position and orientation
MP9	9045957	[CAD]Open the drawing with Structure Only, it becomes Modified.
MP9	9212678	Mold Wizard generated symbolic thread does not appear in drafting views.
MP9	9230234	[CAD]Open the drawing with Structure Only, it becomes Modified, Read Only.
MP9	9251076	Symbolic thread ending on divided face not shown always in drawing views
MP9	9285830	Wrong Output Vectors for Circular Motion when using Variable Turning Tool Holder
MP9	9336814	Error occurs and cannot display Harness Libraries in Japanese
MP9	9339154	Component preview window performs fit all after every selection
MP9	9340620	Sheet Metal Flat Pattern - Toolmarker Callouts Tool Id wrongly placed
MP9	9342650	Component preview window performs fit all after every selection
MP9	9344575	Display of threads in Drafting
MP9	9346283	Assembly constraints not updating after interpart expression change
MP9	9361225	When I transform and do a rotation the (Point Set) angle does not change
MP9	9366670	Shop Doc output wrong progr group name in header & error
MP9	9369996	Memory Access Violation, PMI Suspected.
MP9	9376624	Check PMI GD&T Syntactic Validity Check in NX 12.0.2
MP9	9384376	slow loading of parts containing expressions with excel lookup functions
MP9	9385637	Null pointer opening piping assemblies
MP9	9393749	MOM generates incorrect value for mom_nxt_motion_event
MP9	9394899	Import part with CAM objects problem results in error.
MP9	9395216	error when unv result import in NX 12.0.2
MP9	9397113	Restructure Manufacturing -Make Target-Move To Target-missing parts in ModelView
MP9	9399266	Error PMI Suspected, related to PR9369996
MP9	9401899	Load Option from Folder : Modeler error: non fatal run-time error
MP9	9409417	Profiles Sketch: creation performance
MP9	9409543	Position Numbering on profiles/brackets incorrect
MP9	9415012	4GD DE assembly structures do not load in NX
MP9	9417962	BendAngle and Bend include Angle not correct
MP9	9419417	Restructure Reordering per Drag N Drop does not work
MP9	9420676	Manufacturing Preparation: Selection of ship container unnecessary
MP9	9420896	Manufacturing Preparation: Edit does not remove parts after restart
MP9	9423366	This object contains geometry not in the current reference set
MP9	9426655	

		Post variable mom_kin_read_ahead_next_motion reports incorrect motion type
MP9	9427502	Problem in Object Attribute Management Tool in Mold and Die Wizards
MP9	9429983	Tool Assembly Display is incorrect with GMC Operation
MP9	9432930	Tracelinks between Detail design parts and Manufacturing parts get lost in TC
MP9	9442376	Incomplete EDM_output.xml file since NX 12.0.2, fine with EDM_output.txt
MP9	9446795	Wrong XML output for knuckle bending parameter in Ship Structure Manufacturing
MP9	9455822	two users can save the same file in Native NX
MP9	9467675	Tracelinks get lost between Detail design parts and Manufacturing parts in TC
MP9	9341315	Issue in which user was getting different behavior for the view PN status is fixed.

Release	PR Number	Short Description
MP10	8404116	CAM Hole_Making missing Machining_Area
MP10	8413474	Convert legacy custom studio material to IrayPlus fails in subsequent sessions
MP10	8413586	Overwrite existing material by Save to System Studio Materials deletes files
MP10	8415054	Issue - parts moves twice the distance partly resolved
MP10	9064202	Different Position between Tool_Tip and Tool_Mount is not honoured inside Sys-Tr
MP10	9278992	Wrong message - Item type is invalid for Part Family operation
MP10	9281984	Internal error with Make Unique
MP10	9304885	Single Port Pipe Welds Does not Reach the Joint Set Type Callback
MP10	9307376	Routing Logical, insert a routing Logical Legend fails
MP10	9311315	Using Knowledge Enabled part in NX 12.0.2 MP3 in combination with Teamcenter
MP10	9323382	Open Part Family Member fails
MP10	9324086	NX terminates after error 731047 on master sketch and drawing update
MP10	9328074	Foldername changed between NX 9 and NX 12 because of the special Character /
MP10	9333617	About the suffix to which the drawing of drawing is given
MP10	9341736	Open SolidWorks fails - PLMXML document contains no part
MP10	9354809	Drawing and layout belong to different parts, or do not belong to the root part
MP10	9358197	Active workspace 4.1 pages hosted in NX 12 shows badly formatted content
MP10	9360704	start NX, "client cache is empty" appears although client cache is generated
MP10	9380173	Using Teamcenter with Load balancer - causing Error message when starting NX
MP10	9389349	Face and Curve IDs change after running Replacement Assistant

MP10	9393231	Assembly file cannot be opened if load option is set to Minimally Load
MP10	9395610	JT parts are not saving updated information when saved from NX
MP10	9400776	MFG Excess Material 2 sided (2 offset value) failed on double curved plate.
MP10	9403774	Check-Mate MasterModel is creating an error on a detail with Thread
MP10	9417958	Internal error memory access violation when opening NX assembly
MP10	9420452	Drawing and layout belong to different parts, or do not belong to the root part
MP10	9427248	NX Manager 4-t with SSO Login Service enable CSRF true not starting
MP10	9435651	plate preparation fails on plates - NX crash experienced
MP10	9440856	NX 11 file cannot be opened in NX 12 Incorrect object for this operation
MP10	9444736	The requested SOA object property is not loaded
MP10	9445365	Modified flag will appear again after save, based on measure features in the part
MP10	9452687	Internal error while redefining constraint
MP10	9453039	Automatic CuttingSide should be independent of lapped/coplanar parts
MP10	9454003	Unable to open Part Family spreadsheet. in NX 12.0.2 MP7
MP10	9454847	Deleting Tool Path Transformations Results in Error and Exits Manufacturing
MP10	9455158	Encountered unexpected NULL pointer working in Assembly
MP10	9458639	UG_APP_MANUFACTURING error in loop
MP10	9478299	SOA-error in NX when trying replace component
MP10	9485395	SOA error in Managed Mode after Update to NX 12
MP10	9486448	NX crashes when change a dimension on Block feature

Release	PR Number	Short Description
MP11	8331747	Parallel Generate - Temporary filename incremented from existing part file
MP11	8345593	Dynamic Tool Axis Problem with Machine Model
MP11	8387207	Bumper pendulum placed at wrong contact point
MP11	8415213	CAM Material Removal Multi_cutting Boring Bar 3D ToolAssembly
MP11	8420883	Cannot save-as or Revise item in NX when SE dataset is present.
MP11	9064202	Different Position between Tool_Tip and Tool_Mount is not honoured inside Sys-Tr
MP11	9144173	Operations under OPTIMIZED_NC are OUT OF DATE if other operation is edited
MP11	9310823	Radial Dimension - H7 elevated when combined with Format Fit with Tolerances
MP11	9317205	Support Bracket symbols on drawing
MP11	9326196	FBM - first run of Create Feature Process has bad performance
MP11	9333412	NX Reuse Library is causing performance issues
MP11	9358361	Need option to not reset custom symbols

MP11	9358364	Copy Paste WEDM operation results in loss of member custom data
MP11	9358463	Need to show the whole profile curves when flat bar pass through it
MP11	9358474	Bulb flat curve should be dashed when looking from molding side
MP11	9358543	Need one more sheet to configure mfg symbols
MP11	9360779	Adjust Plate sketch curves while transition
MP11	9381955	Drop down menu and Ribbon tabs blink sometimes while working on NX
MP11	9388348	Texts length become longer origin after translated to dwg.
MP11	9409371	Time to create Monolithic JT takes extremely long 2.5 hours
MP11	9411005	Shell expansion drawing of bent plates with cutouts or edge blends
MP11	9428539	FBM - MRL - Initial Caching of Tools takes too long.
MP11	9435863	License error: License module nx_pm effectivity not present
MP11	9462163	Connected Ports are displayed when selecting a run
MP11	9462556	Part can no longer be opened alone in NX 12 and newer releases
MP11	9463047	Impossible to save Drawing after Copying Views from other parts
MP11	9466471	Components do not highlight in Component Navigator after changing applications.
MP11	9475101	NXMGR: On save, NX is creating second ug part named reference
MP11	9486429	Closing assembly causes unsuitable OM class for this situation-error
MP11	9487926	Section drawing feature causes modeler error while creating a section view
MP11	9488903	CMM: Link to PMI Does Not Select Feature Geometry.
MP11	9489746	RCPs get deleted at corners in logical routing.
MP11	9491407	No Material Removal on Drilling Operation in Machine Code Simulation
MP11	9495116	NXOpen_UF_UFLib_ExecuteQuery fails in managed NX mode for INCLASS_get_count
MP11	9498455	Getting Wrong result for End cut applied to edge reinforcement ending in a Bend
MP11	9498486	Plate type Edge reinforcement loses central Alignment
MP11	9499520	Need an indicator to show profile cutout is right handed or left handed
MP11	9499652	Electrode Drafting Naming Rule disregards MW_EW_DRAWING_PART_NAME_RULE
MP11	9500372	Basic Curves Trimming - change of line orientation
MP11	9500581	Error when Split die plates with User defined (sketch). Progressive Die Wizard
MP11	9501252	UF_get_fail_message does not collect warnings in generated lathe operation NX 12
MP11	9501415	CSE does not work with waved blank and suppressed component in NX 12
MP11	9503721	Tool Incorrectly Positioned in Verify - request Tue Doan
MP11	9505353	Plate preparation tolerance should be adjusted automatically
MP11	9505397	Enter Manufacturing throws internal error after deleting Program Group by NXOpen

MP11	9505546	Pre-NX 8.5 Views does not update correct in NX 12
MP11	9507671	ISV Model slows NXOpen script dramatically in NX 12
MP11	9512825	Copy Electrode flips some copied instances to be upside-down in Z direction
MP11	9518853	Support view on Shell (shell expansion / view drawings)
MP11	9524327	Icons flickering in Ribbon toolbar
MP11	9526146	Electrode EDM drawing does not use electrode name as advertised

Windows update instructions

The files contained in **nx-12.0.2.mp11.zip** are provided as replacements for previously installed NX 12.0.2 and SC 12.0.2 products.

For the Windows64 platform, you should have at least **10.40 GB** of free space to unzip this file.

Version NX 12.0.2 or SC 12.0.2 must be installed before updating to version **NX 12.0.2.mp11**. Please be aware that these updated MP files will be superseded by the next maintenance release or maintenance pack installed on your machines.

To install the MP, change to the directory where you unzipped the **nx-12.0.2.mp11.zip** file, make sure the entire set of new MP files have execute access.

Then do either one of the following:

1. Run '**run_ugsupdate.exe**'

This will read the %UGII_BASE_DIR% from the Registry and apply the update to the NX 12.0.2 or SC 12.0.2 folder.

2. OR, you may follow the instructions below to run **ugs_update.bat** directly.

Before running the script, please make sure the environment variable %**UGII_BASE_DIR**% is set to the base directory of the NX 12.0.2 or SC 12.0.2 release or set to the appropriate installed directory on your system. Then execute the '**ugs_update.bat**' script.

For example:

```
Set UGII_BASE_DIR="C:\Program Files\Siemens\NX 12.0.2"
cd nx1202_mp11
ugs_update.bat /v
```

The script supports a "/v" switch to turn on verbose messages while doing the file updates. The default operation of the script is non-verbose.

The script supports a "/d" switch. This will turn off the script confirmation prompts; useful for running the update in a batch job.

The script also supports a "/p" switch. This will turn off the initial confirmation prompt, but it

will display the final 'done' prompt. This is useful for running the update in a batch job where a final prompt is desired.

After the MP update has run successfully, the following identifying text will be written into the system log of every NX and SC session:

```
"NX 12.0.2.9 MP11, 02July19.  See Maintenance Pack letter for detailed list  
of fixes."
```

If you have any issues with the installation or support of these fixes, please contact your local Siemens PLM GTAC support group.

Sincerely,

The Siemens PLM NX and Siemens PLM Simcenter Teams