

Software Release Version 10.4 for Microsoft Windows

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Classification:	<i>Public documentation</i>

Document history summary:

Version	Author	Date	Status	Comment
1.0	3Dconnexion	2016-Apr-22	Final	First document version
2.0	3Dconnexion	2016-May-6	Final	Version 10.4.3 update
3.0	3Dconnexion	2016-Jul-6	Final	Version 10.4.4 update
4.0	3Dconnexion	2016-Aug-11	Final	Version 10.4.5 update
5.0	3Dconnexion	2016-Sep-12	Final	Version 10.4.6 update
6.0	3Dconnexion	2016-Oct-24	Final	Version 10.4.7 update
7.0	3Dconnexion	2016-Dec-2	Final	Version 10.4.8 update
8.0	3Dconnexion	2017-Feb-14	Final	Version 10.4.9 update
9.0	3Dconnexion	2017-Mar-23	Final	Version 10.4.10 update

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1. Introduction

1.1 Purpose

This document summarizes the changes in 3Dconnexion Software version as specified in section 1.3 below.

1.2 Target Audience

The target audience of this document is the general public using 3Dconnexion 3D mice.

1.3 Release Version

Release version 10.4.

1.4 Document History

Version 9.0

- Includes information on version 10.4.10 of 3DxWare 10 for Windows.

Version 8.0

- Includes information on version 10.4.9 of 3DxWare 10 for Windows.

Version 7.0

- Includes information on version 10.4.8 of 3DxWare 10 for Windows.

Version 6.0

- Includes information on version 10.4.7 of 3DxWare 10 for Windows.

Version 5.0

- Includes information on version 10.4.6 of 3DxWare 10 for Windows.

Version 4.0

- Includes information on version 10.4.5 of 3DxWare 10 for Windows.

Version 3.0

- Includes information on version 10.4.4 of 3DxWare 10 for Windows.

Version 2.0

- Includes information on version 10.4.3 of 3DxWare 10 for Windows.

Version 1.0

- First document version. Includes information on version 10.4.2 of 3DxWare 10 for Windows.

1.5 References

None.

2. Release Highlights

The following is a list of the most important changes and updates in this release:

2.1 Release of March 23, 2017

- Update 3DxWare 10 to version 10.4.10.
- Note: Stability and performance improvements to the driver and the Navigation Library Server.

2.2 Release of February 14, 2017

- Update 3DxWare 10 to version 10.4.9.
- New: Added support for PTC Creo Parametric version 4.0.
- Note: Stability and performance improvements to the driver and the plug-ins for Autodesk AutoCAD and Trimble SketchUp.

2.3 Release of December 2, 2016

- Update 3DxWare 10 to version 10.4.8.
- New: Added "Intelligent 3D Navigation" (I3DN) feature for Siemens PLM Solid Edge.
- New: Added support for Adobe Photoshop CC 2017.
- Note: Stability and performance improvements to the driver, the Navigation Library Server and the plug-ins for Adobe Reader, Siemens PLM Solid Edge and NX and Trimble SketchUp.

2.4 Release of October 24, 2016

- Update 3DxWare 10 to version 10.4.7.
- New: Added support for Adobe Photoshop CC 2015.5.
- Note: Stability improvements to the driver and the plug-in for Siemens PLM NX 11.

2.5 Release of September 12, 2016

- Update 3DxWare 10 to version 10.4.6.
- New: Added support application command programming in "3Dconnexion Properties" for Autodesk AutoCAD 2012 and newer, including command images and descriptions.
- New: Add support for Siemens PLM Solid Edge ST9.
- Note: Stability improvements to the driver, the Navigation Library Server and the plug-in for Siemens PLM NX 11.

2.6 Release of August 11, 2016

- Update 3DxWare 10 to version 10.4.5.
- New: Add option in main installer to delete old user settings.
- New: Support "record" and "silent" installation options in main installer.
- Note: Stability and performance improvements to the driver and the plug-ins for Autodesk Inventor, Dassault Systèmes SOLIDWORKS, PTC Creo, and Siemens PLM NX.

2.7 Release of July 6, 2016

- Update 3DxWare 10 to version 10.4.4.
- New: Added support for Autodesk Maya 2016 "Extension 2" (2016.5).
- New: Add official support for Autodesk Inventor 2017.
- Change: Improve Siemens PLM NX command attributes (icons, description) as used in "3Dconnexion Properties" panel and the SpaceMouse Enterprise display.
- Fix: Resolve incompatibility of new command icon solution with Dassault Systèmes CATIA V6 and 3DEXPERIENCE versions R2013x and newer.
- Note: Stability and performance improvements to the driver and the PTC Creo add-in software.

2.8 Release of May 6, 2016

- Update 3DxWare 10 to version 10.4.3.
- New: Add support for version 2017 of Autodesk 3ds Max.
- New: Add support for “Custom Views” commands in add-in solution for Autodesk 3ds Max and Maya.
- Note: Stability and performance improvements to driver software.

2.9 Release of April 25, 2016

- Update 3DxWare 10 to version 10.4.2.
- New: Add support new device type “SpaceMouse Enterprise”.
- New: Add support for “Custom Views” commands with “Visual Feedback” in 3Dconnexion Viewer and Assembly Demo; AutoCAD and Inventor; Dassault Systèmes CATIA, DELMIA ENOVIA DMU V5 and V6; and SOLIDWORKS; Onshape; PTC Creo, Siemens PLM Solid Edge and NX; and Trimble SketchUp.
- New: Added support for application command image icons and description in Autodesk 3ds Max, Inventor and Maya; Dassault Systèmes CATIA, DELMIA, ENOVIA DMU V5 and V6; and SOLIDWORKS; PTC Creo, Siemens PLM Solid Edge and NX (icons only); Trimble SketchUp.
- Note: Stability and performance improvements to driver and add-in software.

3. Windows Software

3.1 Description

The 3DxWare 10 product includes most of the 3Dconnexion Windows software available from 3Dconnexion. Two “editions” of the software and respective installation packages are available for distribution:

- **3DxWare32:** includes all x86 (32-bit) Windows driver and plug-in software for all currently supported 3D mouse products. This package installs the “3Dconnexion 3DxWare (32-bit)” edition.
- **3DxWare64:** includes all x64 (64-bit) Windows driver and plug-in software for all currently supported 3D mouse products. This package installs the “3Dconnexion 3DxWare (64-bit)” edition.

3.2 Supported Operating Systems

Supported Windows operating systems:

- Windows Vista SP2 (all editions)
- Windows 7 (RTM and SP1, all editions)
- Windows 8 and 8.1 Pro (RTM; all editions for x86 and x86-64 architectures)
- Windows 10 (RTM; all editions for x86 and x86-64 architectures)

Note 1: Windows RT (ARM architecture) not supported.

Note 2: Official support for Microsoft Windows XP retired in version 10.2.2.

3.3 Supported 3Dconnexion Products

Supported 3Dconnexion products:

- CadMouse
- SpaceMouse Enterprise
- SpaceMouse Pro
- SpaceMouse Pro Wireless
- SpaceMouse Wireless
- SpaceNavigator
- SpaceNavigator for Notebooks
- SpacePilot Pro

3.4 Changes to 3DxWare 10 for Microsoft Windows

Below is a breakdown of the changes implemented in this 3DxWare 10 version. These changes are listed under the individual components that make up the 3DxWare 10 product suite. If an application is not listed here, it does not mean that the application does not include support for 3D mice, as many applications are supported natively by the software vendor. However, if an application supports 3D mice, you will still need to download and install 3DxWare 10 in order to install the device driver (3DxWinCore).

3.4.1 Current Version

The current version of 3DxWare 10: **10.4.10**

3.4.2 Table of Included Products

The following table lists all included products in 3DxWare 10 and respective version and release date information.

Product Name	Version	Build date
3DxWare 10 for Windows	10.4.10	2017 Mar 21
<i>3DxAdobe3D</i>	<i>1.4.1</i>	<i>2016 Nov 22</i>
<i>3DxAutoCAD</i>	<i>5.4.0</i>	<i>2017 Jan 26</i>
<i>3DxAutoCAD (x64)</i>	<i>5.4.0</i>	<i>2017 Jan 26</i>
<i>3DxCollage</i>	<i>1.3.0</i>	<i>2011 Feb 4</i>

<i>3DxInventor</i>	2.2.3	2016 Jul 22
<i>3DxInventor (x64)</i>	2.2.3	2016 Jul 22
<i>3DxLcdApplets (SPP only)</i>	1.5.0	2016 Apr 18
<i>3DxLcdApplets (x64; SPP only)</i>	1.5.0	2016 Apr 18
<i>3DxMSOffice</i>	1.0.1	2016 Apr 15
<i>3DxMSOffice (x64)</i>	1.0.1	2016 Apr 15
<i>3DxMaya</i>	5.2.2	2016 Jun 14
<i>3DxMaya (x64)</i>	5.2.2	2016 Jun 14
<i>3DxNLServer</i>	1.2.1	2017 Mar 21
<i>3DxNX</i>	3.4.7	2016 Oct 28
<i>3DxNX (x64)</i>	3.4.7	2016 Oct 28
<i>3DxPhotoshop</i>	2.7.1	2016 Nov 22
<i>3DxPhotoshop (x64)</i>	2.7.1	2016 Nov 22
<i>3DxProENGINEER</i>	2.3.5	2017 Jan 25
<i>3DxProENGINEER (x64)</i>	2.3.5	2017 Jan 25
<i>3DxSI</i>	3.0.3	2014 Feb 10
<i>3DxSI (x64)</i>	3.0.3	2014 Feb 10
<i>3DxSketchUp</i>	4.4.3	2017 Feb 9
<i>3DxSketchUp (x64)</i>	4.4.3	2017 Feb 9
<i>3DxSolidEdge</i>	3.6.0	2016 Nov 17
<i>3DxSolidEdge (x64)</i>	3.6.0	2016 Nov 17
<i>3DxSolidWorks</i>	3.5.0	2016 Jul 15
<i>3DxSolidWorks (x64)</i>	3.5.0	2016 Jul 15
<i>3DxStudio</i>	6.2.1	2016 Apr 26
<i>3DxStudio (x64)</i>	6.2.1	2016 Apr 26
<i>3DxTrainer</i>	3.2.4	2016 Apr 15
<i>3DxWinCore</i>	17.4.10	2017 Mar 17
<i>3DxWinCore (x64)</i>	17.4.10	2017 Mar 17
<i>DemoPrograms</i>	0.9.4	2016 Nov 21
LADP	3.06.109	2010 Aug 3
LADP (x64)	3.06.109	2010 Aug 3

In italic: changed or new product packages since previous major release.

3.4.3 Changes to 3DxWare 10 since v. 10.3.0

The following component products were added (new): 3DxMSOffice.

The following component products were removed: *none*.

The following component products were changed (updated): 3DxAdobe3D, 3DxAutoCAD, 3DxInventor, 3DxLcdApplets, 3DxMaya, 3DxNLServer, 3DxNX, 3DxPhotoshop, 3DxProENGINEER, 3DxSketchUp, 3DxSolidEdge, 3DxSolidWorks, 3DxStudio, 3DxTrainer, 3DxWinCore and DemoPrograms.

Version 10.4.10 (r2558; March 21, 2017). Ninth public release of version 10.4.

- Updated: 3DxNLServer v. 1.2.1 (r13843; Mar 21, 2017).
- Updated: 3DxWinCore v. 17.4.10 (r13926; Mar 17, 2017).
- Updated (x64): 3DxWinCore v. 17.4.10 (r13926; Mar 17, 2017).
- Change: Increase device null-radius to minimize device drifting.
- Fix: Correct a 3dxnlserver.exe instability on web program repeated reconnects.
- Fix: High CPU load usage in 3DxProfileServer.exe.

Version 10.4.9 (r2527; February 9, 2017). Eighth public release of version 10.4.

- Updated: 3DxAutoCAD v. 5.4.0 (r13730; Jan 26, 2017).
- Updated (x64): 3DxAutoCAD v. 5.4.0 (r13730; Jan 26, 2017).
- Updated: 3DxNLServer v. 1.2.0 (r13725; Jan 26, 2017).
- Updated: 3DxProENGINEER v. 2.3.5 (r13724; Jan 25, 2017).
- Updated (x64): 3DxProENGINEER v. 2.3.5 (r13724; Jan 25, 2017).
- Updated: 3DxSketchUp v. 4.4.3 (r13787; Feb 9, 2017).
- Updated (x64): 3DxSketchUp v. 4.4.3 (r13787; Feb 9, 2017).

- Updated: 3DxWinCore v. 17.4.9 (r13785; Feb 9, 2017).
- Updated (x64): 3DxWinCore v. 17.4.9 (r13785; Feb 9, 2017).
- New: Added support for PTC Creo Parametric version 4.0.
- New: Support exporting categorised list of application commands with name, description and icon attributes from web programs (JavaScript).
- Change: Added driver profiles for IronCAD and GO2cam.
- Change: Added support for SVG image format in application command image icons driver feature.
- Fix: [7318] Button Assignments not reset.
- Fix: [7333] Inventor user cannot open additional part.

Version 10.4.8 (r2486; Nov 25, 2016). Seventh public release of version 10.4.

- Updated: 3DxAdobe3D v. 1.4.1 (r698; Nov 22, 2016).
- Updated: 3DxNLServer v. 1.1.6 (r13550; Nov 21, 2016).
- Updated: 3DxNX v. 3.4.7 (r13501; Oct 28, 2016).
- Updated (x64): 3DxNX v. 3.4.7 (r13501; Oct 28, 2016).
- Updated: 3DxPhotoshop v. 2.7.1 (r13561; Nov 22, 2016).
- Updated (x64): 3DxPhotoshop v. 2.7.1 (r13561; Nov 22, 2016).
- Updated: 3DxSketchUp v. 4.4.1 (r13548; Nov 18, 2016).
- Updated (x64): 3DxSketchUp v. 4.4.1 (r13548; Nov 18, 2016).
- Updated: 3DxSolidEdge v. 3.6.0 (r13540; Nov 17, 2016).
- Updated (x64): 3DxSolidEdge v. 3.6.0 (r13540; Nov 17, 2016).
- Updated: 3DxWinCore v. 17.4.8 (r13569; Nov 25, 2016).
- Updated (x64): 3DxWinCore v. 17.4.8 (r13569; Nov 25, 2016).
- Updated: DemoPrograms v. 0.9.4 (r2476; Nov 21, 2016).
- New: Add "Intelligent 3D Navigation" (I3DN) support to Solid Edge ST6 and newer. Setting a "rotation focus" point using the middle-mouse button overrides the I3DN feature. Feature available in "shaded views" render styles.
- New: Added support for Adobe Photoshop CC 2017.
- Change: Work around Siemens PLM NX 11 issue PR1897044 because application automatically sets the text mode to UF_TEXT_ALL_UTF8 when a dotNet plug-in loads and UF_terminate() has not been called.
- Change: Move view in Siemens PLM Solid Edge if "sub-part movement" is enabled but the selected component is well-defined (fixed) or grounded.
- Change: Enable rotations in the Siemens PLM Solid Edge environments 2D Model, Layout (Assembly), Profile (inc. Hole, Pattern and Revolved), and Sketch. The command "Rotation On/Off" can be used to manually disable rotation.
- Change: Reset manually selected rotation point or axis on second command activation in Siemens PLM Solid Edge.
- Change: Change CadMouse default "Sensor Polling Rate" to 1000Hz.
- Change: Added driver profile for Chief Architect.
- Change: Add support for new extension signing method introduced in Trimble SketchUp 2017.
- Fix: [7281] 3DxProfileServer crashes when starting 3DxWare.
- Fix: [7286] No 3D mouse support in Parts Library preview window in Siemens PLM Solid Edge ST9.
- Fix: [7298] No zoom for parallel projections in Adobe Reader and Acrobat.

Version 10.4.7 (r2465; Oct 20, 2016). Sixth public release of version 10.4.

- Updated: 3DxNX v. 3.4.6 (r13439; Oct 5, 2016).
- Updated (x64): 3DxNX v. 3.4.6 (r13439; Oct 5, 2016).
- Updated: 3DxPhotoshop v. 2.7.0 (r13424; Sep 29, 2013).
- Updated (x64): 3DxPhotoshop v. 2.7.0 (r13424; Sep 29, 2013).
- Updated: 3DxProENGINEER v. 2.3.4 (r13398; Sep 26, 2016).
- Updated (x64): 3DxProENGINEER v. 2.3.4 (r13398; Sep 26, 2016).
- Updated: 3DxSketchUp v. 4.4.0 (r13368; Sep 22, 2016).
- Updated (x64): 3DxSketchUp v. 4.4.0 (r13368; Sep 22, 2016).
- Updated: 3DxWinCore v. 17.4.7 (r13483; Oct 20, 2016).

- Updated (x64): 3DxWinCore v. 17.4.7 (r13483; Oct 20, 2016).
- New: Added support for Adobe Photoshop CC 2015.5.
- Fix: Custom user settings are not saved if user name contains non-ASCII characters in the plug-ins for PTC Creo and Siemens PLM NX.
- Fix: Decreased Siemens PLM NX load time.
- Fix: Crash on Siemens PLM NX start-up (NX 7.5).
- Fix: [7063] SpaceMouse Enterprise LCD does not work when switching users.
- Fix: [7265] SpaceMouse Enterprise LCD icon orientation and scaling affected by custom text setting.
- Fix: [7276] Missing commands from PTC Pro/ENGINEER Wildfire 4.0 in the "Button" panel of "3Dconnexion Properties".
- Fix: [7277] Virtual Numpad Decimal and Comma not recognized by Autodesk Fusion 360.

Version 10.4.6 (r2435; Sep 9, 2016). Fifth public release of version 10.4.

- Updated: 3DxAutoCAD v. 5.3.0 (r13273; Aug 9, 2016).
- Updated (x64): 3DxAutoCAD v. 5.3.0 (r13273; Aug 9, 2016).
- Updated: 3DxNLServer v. 1.1.5 (r13302; Aug 16, 2016).
- Updated: 3DxNX v. 3.4.5 (r13324; Sep 5, 2016).
- Updated (x64): 3DxNX v. 3.4.5 (r13324; Sep 5, 2016).
- Updated: 3DxSolidEdge v. 3.5.0 (r13327; Sep 5, 2016).
- Updated (x64): 3DxSolidEdge v. 3.5.0 (r13327; Sep 5, 2016).
- Updated: 3DxWinCore v. 17.4.6 (r13336; Sep 9, 2016).
- Updated (x64): 3DxWinCore v. 17.4.6 (r13336; Sep 9, 2016).
- New: Support export of Autodesk AutoCAD version 2012 (and newer) application commands, including icon and description attributes. Application commands can be assigned to device buttons in "3Dconnexion Properties".
- New: Add support for Solid Edge ST9 (V109).
- Change: Modify design of On-Screen Display (OSD) panel for the SME device type.
- Fix: [7099] Receivers are listed as the device itself.
- Fix: [7241] Certificate installation happens after registration page was launched (Firefox).
- Fix: Fixed message shown on driver start if Firefox running but root certificate already saved in the user's Firefox profile.
- Fix: [7256] Apostrophe in radial menu crashes "3Dconnexion Properties" program (3DxSmartUi.exe).
- Fix: [7257] 3DxService crashes at Navisworks start.
- Fix: [7259] NX 11 Viewer / Simcenter crash on start when UGII_ROOT_DIR is undefined.
- Fix: [7261] 3DxProfileServer.exe crashes on driver launch in Microsoft Vista.

Version 10.4.5 (r1417; Aug 10, 2016). Fourth public release of version 10.4.

- Updated: 3DxInventor v. 2.2.3 (r13207; Jul 22, 2016).
- Updated (x64): 3DxInventor v. 2.2.3 (r13207; Jul 22, 2016).
- Updated: 3DxNX v. 3.4.4 (r13267; Aug 8, 2016).
- Updated (x64): 3DxNX v. 3.4.4 (r13267; Aug 8, 2016).
- Updated: 3DxSolidWorks v. 3.5.0 (r13182; Jul 15, 2016).
- Updated (x64): 3DxSolidWorks v. 3.5.0 (r13182; Jul 15, 2016).
- Updated: 3DxProENGINEER v. 2.3.3 (r13252; Aug 2, 2016).
- Updated (x64): 3DxProENGINEER v. 2.3.3 (r13252; Aug 2, 2016).
- Updated: 3DxWinCore v. 17.4.5 (r13275; Aug 10, 2016).
- Updated (x64): 3DxWinCore v. 17.4.5 (r13275; Aug 10, 2016).
- New: Enabled "record" and "silent" installation options. Instructions available in new section 2 of the readme.txt file.
- New: Add "delete old user settings" feature. Option is available during 3DxWare 10 installation interview ("ready to install" panel).
- New: Add installation support for "SolidCAM 2016 Embedded" and "SolidCAM 2015 with Embedded CAD 2016" (OEM builds of Dassault Systèmes SOLIDWORKS).

- Change: List the device "PID" number in "About" panel of "3Dconnexion Properties".
- Change: Add "Disable On-Screen Display" option in "Buttons" panel for the SME, SMP and SMPW in "3Dconnexion Properties".
- Change: Modify "Custom Views" feature for Autodesk Inventor to activate view instead of resetting camera position (see [7218]).
- Change: Added default image for PTC Creo "mapkeys" as shown in the SME display and the "3Dconnexion Properties" panel.
- Fix: Missing application "Offset..." (create offset constraint) for Dassault Systèmes CATIA.
- Fix: [4719] PTC Creo "mapkeys" saved in /text/config.pro subdirectory are ignored.
- Fix: [7217] Dassault Systèmes CATIA icons missing when driver set to non-English.
- Fix: [7220] AltiumDesigner profile missing in v. 10.4.4. of 3DxWare 10.
- Fix: [7224] KMJ driver profile loaded for 3DxWare SDK -enabled programs without a specific profile.
- Fix: [7226] Siemens PLM NX version 10.0.3.5 crashes at startup if the cap is displaced.
- Fix: Filter invalid characters in application commands names in non-English editions of Siemens PLM NX. The invalid characters caused the full application command list to be unavailable in the "3Dconnexion Properties" panel.
- Fix: [7237] Correct "3DxProEngineer failed to start" error message when launch PTC Creo.
- Fix: [7245] SME view buttons do not work if part is the "work part" in Siemens PLM NX.

Version 10.4.4 (r2381; Jul 5, 2016). Third public release of version 10.4.

- Updated: 3DxInventor v. 2.2.2 (r13049; Jun 2, 2016).
- Updated (x64): 3DxInventor v. 2.2.2 (r13049; Jun 2, 2016).
- Updated: 3DxMaya v. 5.2.2 (r13044; Jun 2, 2016).
- Updated (x64): 3DxMaya v. 5.2.2 (r13044; Jun 2, 2016).
- Updated: 3DxNX v. 3.4.3 (r13072; Jun 14, 2016).
- Updated (x64): 3DxNX v. 3.4.3 (r13072; Jun 14, 2016).
- Updated: 3DxProENGINEER v. 2.3.2 (r13117; Jun 27, 2016).
- Updated (x64): 3DxProENGINEER v. 2.3.2 (r13117; Jun 27, 2016).
- Updated: 3DxWinCore v. 17.4.4 (r13133; Jul 5, 2016).
- Updated (x64): 3DxWinCore v. 17.4.4 (r13133; Jul 5, 2016).
- New: Added support for Autodesk Maya 2016 "Extension 2" (2016.5).
- New: Add official support for Autodesk Inventor 2017.
- Change: Remove "SpaceExplorer USB" from list of supported devices.
- Change: Improve driver handling of default profile when an application is terminated (refer to bug 7130).
- Change: Improve Siemens PLM NX application command data available in "3Dconnexion Properties" by adding command descriptions and a much larger percentage of commands with icons.
- Fix: Use correct installation directory for the Microsoft Office add-in the "Viewer and Assembly Demos" components.
- Fix: [7130] Changed the way the current app/cfg is chosen to use the last non-ignored app when the current app closes. This eliminates many misleading LCD content scenarios.
- Fix: [7147] PTC Creo mapkeys in user config.pro cause missing commands in "3Dconnexion Properties" panel.
- Fix: Crash PTC Pro/ENGINEER Wildfire versions 3 to 5 at start-up.
- Fix: Commands not available in "3Dconnexion Properties" panel if using version 3 of PTC Pro/ENGINEER Wildfire.
- Fix: Corrected macros in driver profile for CIROS Studio.
- Fix: Enable "Custom Views" feature support for Dassault Systèmes CATIA V6 and 3DXPERIENCE version R2013x and newer. Requires the most recent application "hot-fix" to be applied. Depending on application version, the "Custom Views" feature may only be available in a "Product".
- Fix: [7166] Create macro with multiple arrow down or TAB.
- Fix: [7197] Unrecognized Chinese text in visual feedback message.

- Fix: Issue with Dassault Systèmes CATIA V5-6 icons not showing up, or disappearing quickly after they are shown.

Version 10.4.3 (r2328; May 5, 2016). Second public release of version 10.4.

- Updated: 3DxMaya v. 5.2.1 (r12942; Apr 28, 2016).
- Updated (x64): 3DxMaya v. 5.2.1 (r12942; Apr 28, 2016).
- Updated: 3DxStudio v. 6.2.1 (r12923; Apr 26, 2016).
- Updated (x64): 3DxStudio v. 6.2.1 (r12923; Apr 26, 2016).
- Updated: 3DxWinCore v. 17.4.3 (r12962; May 5, 2016).
- Updated (x64): 3DxWinCore v. 17.4.3 (r12962; May 5, 2016).
- New: Added support for version 2017 of Autodesk 3ds Max.
- New: Support "Custom Views" feature with "Visual Feedback" in Autodesk 3ds Max.
- New: Support "Custom Views" feature with "Visual Feedback" in Autodesk Maya. The commands integrate with the application's "View Bookmarks" feature.
- Change: [7102, enhancement] "Visual feedback" panel blocks SpaceMouse navigation. The "Visual Feedback" panel no longer blocks the use of 3D mice.
- Fix: [7107] Error "Mgl3DCtrlRPCService has stopped working" when running 3dxrepair.exe (see [7132]).
- Fix: [6887; REOPEN] Wrong version number shown when trying to install over version 3.x. REOPEN necessary to apply fix to "update" mode.

Version 10.4.2 (r2319; April 21, 2016). First public release of version 10.4.

- Updated: 3DxLcdApplets v. 1.5.0 (r12890; Apr 18, 2016).
- Updated (x64): 3DxLcdApplets v. 1.5.0 (r12890; Apr 18, 2016).
- Updated: 3DxMSOffice v. 1.0.1 (r12874, Apr 15, 2016).
- Updated (x64): 3DxMSOffice v. 1.0.1 (r12874, Apr 15, 2016).
- Updated: 3DxNX v. 3.4.2 (r12876; Apr 18, 2016).
- Updated (x64): 3DxNX v. 3.4.2 (r12876; Apr 18, 2016).
- Updated: 3DxSolidWorks v. 3.4.2 (r12906; Apr 21, 2016).
- Updated (x64): 3DxSolidWorks v. 3.4.2 (r12906; Apr 21, 2016).
- Updated: 3DxTrainer v. 3.2.4 (r12865; Apr 15, 2016).
- Updated: 3DxWinCore v. 17.4.2 (r12910; Apr 21, 2016).
- Updated (x64): 3DxWinCore v. 17.4.2 (r12910; Apr 21, 2016).
- Updated: DemoPrograms v. 0.9.3 (r2314; Apr 21, 2016).
- New: Added support for application command image icons for Siemens PLM NX.
- Change: Remove Microsoft Outlook applets for SpacePilot Pro.
- Fix: [6887] Wrong version number shown when trying to install over version 3.x.
- Fix: [7100] Error "service failed to start" error when installing driver with a CadMouse connected.

Version 10.4.1 (r2300; April 13, 2016).

- Updated: 3DxAutoCAD v. 5.2.1 (r12811; Apr 7, 2016).
- Updated (x64): 3DxAutoCAD v. 5.2.1 (r12811; Apr 7, 2016).
- Updated: 3DxInventor v. 2.2.1 (r12802; Apr 6, 2016).
- Updated (x64): 3DxInventor v. 2.2.1 (r12802; Apr 6, 2016).
- Updated: 3DxNLServer v. 1.1.4 (r12832; Apr 11, 2016).
- Updated: 3DxNX v. 3.4.1 (r12824; Apr 11, 2016).
- Updated (x64): 3DxNX v. 3.4.1 (r12824; Apr 11, 2016).
- Updated: 3DxProENGINEER v. 2.3.1 (r12821; Apr 8, 2016).
- Updated (x64): 3DxProENGINEER v. 2.3.1 (r12821; Apr 8, 2016).
- Updated: 3DxSketchUp v. 4.3.1 (r12812; Apr 7, 2016).
- Updated (x64): 3DxSketchUp v. 4.3.1 (r12812; Apr 7, 2016).
- Updated: 3DxSolidEdge v. 3.4.1 (r12843; Apr 12, 2016).
- Updated (x64): 3DxSolidEdge v. 3.4.1 (r12843; Apr 12, 2016).
- Updated: 3DxSolidWorks v. 3.4.1 (r12800; Apr 6, 2016).
- Updated (x64): 3DxSolidWorks v. 3.4.1 (r12800; Apr 6, 2016).
- Updated: 3DxWinCore v. 17.4.1 (r12846; Apr 13, 2016).
- Updated (x64): 3DxWinCore v. 17.4.1 (r12846; Apr 13, 2016).

- Updated: DemoPrograms v. 0.9.2 (r2297; Apr 13, 2016).
- New: Add support for “Visual Feedback” panel in “Custom Views”.
- New: Add support for “Custom Views” commands in 3Dconnexion Viewer and Assembly Demo; and Onshape

Version 10.4.0 (r2256; March 23, 2016).

- New: 3DxMSOffice v. 1.0.0 (r12311, Dec 3, 2015).
- New (x64): 3DxMSOffice v. 1.0.0 (r12311, Dec 3, 2015).
- Updated: 3DxAutoCAD v. 5.2.0 (r12729; Mar 18, 2016).
- Updated (x64): 3DxAutoCAD v. 5.2.0 (r12729; Mar 18, 2016).
- Updated: 3DxInventor v. 2.2.0 (r12754; Mar 23, 2016).
- Updated (x64): 3DxInventor v. 2.2.0 (r12754; Mar 23, 2016).
- Updated: 3DxLcdApplets v. 1.4.0 (r11922; Oct 15, 2015).
- Updated (x64): 3DxLcdApplets v. 1.4.0 (r11922; Oct 15, 2015).
- Updated: 3DxMaya v. 5.2.0 (r12419; Jan 11, 2016).
- Updated (x64): 3DxMaya v. 5.2.0 (r12419; Jan 11, 2016).
- Updated: 3DxNLServer v. 1.0.3 (r12441; Jan 14, 2016).
- Updated: 3DxNX v. 3.4.0 (r12450; Jan 18, 2016).
- Updated (x64): 3DxNX v. 3.4.0 (r12450; Jan 18, 2016).
- Updated: 3DxProENGINEER v. 2.3.0 (r12381; Dec 17, 2015).
- Updated (x64): 3DxProENGINEER v. 2.3.0 (r12381; Dec 17, 2015).
- Updated: 3DxSketchUp v. 4.3.0 (r12643; Feb 26, 2016).
- Updated (x64): 3DxSketchUp v. 4.3.0 (r12643; Feb 26, 2016).
- Updated: 3DxSolidEdge v. 3.4.0 (r12644; Feb 26, 2015).
- Updated (x64): 3DxSolidEdge v. 3.4.0 (r12644; Feb 26, 2015).
- Updated: 3DxSolidWorks v. 3.4.0 (r12645; Feb 26, 2016).
- Updated (x64): 3DxSolidWorks v. 3.4.0 (r12645; Feb 26, 2016).
- Updated: 3DxStudio v. 6.2.0 (r12406; Jan 4, 2016).
- Updated (x64): 3DxStudio v. 6.2.0 (r12406; Jan 4, 2016).
- Updated: 3DxWinCore v. 17.4.0 (r12763; Mar 23, 2016).
- Updated (x64): 3DxWinCore v. 17.4.0 (r12763; Mar 23, 2016).
- Updated: DemoPrograms v. 0.9.1 (r2182; Dec 18, 2015).
- New: Add support new device type “SpaceMouse Enterprise”.
- New: Add support for “Custom Views” commands in AutoCAD and Inventor; Dassault Systèmes CATIA, DELMIA, ENOVIA DMU V5 and V6; and SOLIDWORKS; PTC Creo, Siemens PLM Solid Edge and NX; and Trimble SketchUp.
- New: Added support for application command image icons and description in Autodesk 3ds Max, Inventor and Maya; Dassault Systèmes CATIA, DELMIA, ENOVIA DMU V5 and V6; and SOLIDWORKS; PTC Creo, Siemens PLM Solid Edge; Trimble SketchUp.
- Fix: [7018] Center of rotation visualization not shown in FBX model in 3Dconnexion Viewer.
- Fix: [7019] Cannot zoom in on details on large models in 3Dconnexion Viewer.
- Fix: [7018] Center of rotation visualization not shown in FBX model in 3Dconnexion Viewer.
- Note: First internal release of version 10.4. Software not publicly available.