

Software Release Version 10.5 for Microsoft Windows

Author:	3Dconnexion
Participant:	
Cc:	
Classification:	<i>Public documentation</i>

Document history summary:

Version	Author	Date	Status	Comment
1.0	3Dconnexion	2017-Aug-8	Final	First document version
2.0	3Dconnexion	2017-Aug-24	Final	Version 10.5.1 update

Content

1. INTRODUCTION.....	2
1.1 PURPOSE.....	2
1.2 TARGET AUDIENCE.....	2
1.3 RELEASE VERSION.....	2
1.4 DOCUMENT HISTORY.....	2
1.5 REFERENCES.....	2
2. RELEASE HIGHLIGHTS.....	3
2.1 RELEASE OF AUGUST 24, 2017.....	3
2.2 RELEASE OF AUGUST 8, 2017.....	3
3. WINDOWS SOFTWARE.....	4
3.1 DESCRIPTION.....	4
3.2 SUPPORTED OPERATING SYSTEMS.....	4
3.3 SUPPORTED 3DCONNEXION PRODUCTS.....	4
3.4 CHANGES TO 3DXWARE 10 FOR MICROSOFT WINDOWS.....	4

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 10.5.

1.4 Document History

Version 2.0

- Includes information on version 10.5.1 of 3DxWare 10 for Windows.
- Corrects version 1.0 date in the document's history summary and the "minor" version number in the title.

Version 1.0

- First document version. Includes information on version 10.5.0 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 August 24, 2017

- Update 3DxWare 10 to version 10.5.1.
- Fix: Stability improvements in the driver and the plug-in for Autodesk Maya.

2.2 Release of August 8, 2017

- Update 3DxWare 10 to version 10.5.0.
- New: Long-press QuickZoom feature for 3Dconnexion Viewer and Assembly Demo; Autodesk 3ds Max, Inventor and Maya; Dassault Systèmes SOLIDWORKS; Onshape; PTC Creo; and Siemens PLM NX.
- New: Improved look-and-feel of Radial Menus and support for 8-button menus.
- New: Add "Check for update" feature to determine the latest version of 3DxWare 10 available for download. The feature can be customized on the "About" panel of "3Dconnexion Properties".
- New: Add support for versions 2018 of Autodesk 3ds Max, Inventor, May and Dassault Systèmes SOLIDWORKS.
- Change: Improved device type selection in main panel of "3Dconnexion Properties".
- Note: Stability 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 7 SP1
- Windows 8.1
- Windows 10

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

Note 2: Official support for Windows Vista, 7 RTM and 8 retired in v. 10.5.0 (August 2017).

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: **10.5.1**

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	10.5.1	2017 Aug 23
3DxAdobe3D	1.4.1	2016 Nov 22
3DxAutoCAD	5.4.2	2017 May 2
3DxAutoCAD (x64)	5.4.2	2017 May 2
3DxCollage	1.3.0	2011 Feb 4
3DxInventor	2.2.4	2017 May 18

<i>3DxInventor (x64)</i>	2.2.4	2017 May 18
3DxLcdApplets (SPP only)	1.5.0	2016 Apr 18
3DxLcdApplets (x64; SPP only)	1.5.0	2016 Apr 18
3DxMSOffice	1.0.1	2016 Apr 15
3DxMSOffice (x64)	1.0.1	2016 Apr 15
<i>3DxMaya</i>	5.2.4	2017 Aug 23
<i>3DxMaya (x64)</i>	5.2.4	2017 Aug 23
<i>3DxNLServer</i>	1.2.2	2017 Apr 28
<i>3DxNX</i>	3.4.8	2017 May 8
<i>3DxNX (x64)</i>	3.4.8	2017 May 8
3DxPhotoshop	2.7.1	2016 Nov 22
3DxPhotoshop (x64)	2.7.1	2016 Nov 22
<i>3DxProENGINEER</i>	2.3.6	2017 May 30
<i>3DxProENGINEER (x64)</i>	2.3.6	2017 May 30
3DxSI	3.0.3	2014 Feb 10
3DxSI (x64)	3.0.3	2014 Feb 10
<i>3DxSketchUp</i>	4.4.4	2017 May 25
<i>3DxSketchUp (x64)</i>	4.4.4	2017 May 25
<i>3DxSolidEdge</i>	3.6.1	2017 Jan 20
<i>3DxSolidEdge (x64)</i>	3.6.1	2017 Jan 20
<i>3DxSolidWorks</i>	3.5.1	2017 Jun 22
<i>3DxSolidWorks (x64)</i>	3.5.1	2017 Jun 22
<i>3DxStudio</i>	6.2.3	2017 Jun 28
<i>3DxStudio (x64)</i>	6.2.3	2017 Jun 28
3DxTrainer	3.2.4	2016 Apr 15
<i>3DxWinCore</i>	17.5.1	2017 Aug 23
<i>3DxWinCore (x64)</i>	17.5.1	2017 Aug 23
<i>DemoPrograms</i>	0.9.5	2017 Jun 14
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): *none*.

The following component products were removed: *none*.

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

Version 10.5.1 (r2664; Aug 23, 2017). Second release of v. 10.5.

- Updated: 3DxMaya v. 5.2.4 (r14375; Aug 23, 2017).
- Updated (x64): 3DxMaya v. 5.2.4 (r14375; Aug 23, 2017).
- Updated: 3DxWinCore v. 17.5.1 (r14377; Aug 23, 2017).
- Updated (x64): 3DxWinCore v. 17.5.1 (r14377; Aug 23, 2017).
- Fix: Correct check box controls behaviour in "Ready to Install" panel of the 3DxWare 10 installer.
- Fix: [7426] 3DxSmartUi.exe exception when using a single receiver dongle for the SpaceMouse Pro Wireless or SpaceMouse Wireless.
- Fix: [7428] Unhandled exception error during uninstalling 3DxWare with a SpaceMouse Wireless receiver connected.
- Fix: [7429] Maya plug-in does not load in Autodesk Maya 2018 RTM.

Version 10.5.0 (r2648; Aug 2, 2017). First release of v. 10.5.

- Updated: 3DxAutoCAD v. 5.4.2 (r14063; May 2 2017).
- Updated (x64): 3DxAutoCAD v. 5.4.2 (r14063; May 2 2017).

- Updated: 3DxInventor v. 2.2.4 (r14110; May 18, 2017).
- Updated (x64): 3DxInventor v. 2.2.4 (r14110; May 18, 2017).
- Updated: 3DxMaya v. 5.2.3 (r14222; Jun 28, 2017).
- Updated (x64): 3DxMaya v. 5.2.3 (r14222; Jun 28, 2017).
- Updated: 3DxNLServer v. 1.2.2 (r14051; Apr 28, 2017).
- Updated: 3DxNX v. 3.4.8 (r14078; May 8, 2017).
- Updated (x64): 3DxNX v. 3.4.8 (r14078; May 8, 2017).
- Updated: 3DxProENGINEER v. 2.3.6 (r14151; May 30, 2017).
- Updated (x64): 3DxProENGINEER v. 2.3.6 (r14151; May 30, 2017).
- Updated: 3DxSketchUp v. 4.4.4 (r14130; May 25, 2017).
- Updated (x64): 3DxSketchUp v. 4.4.4 (r14130; May 25, 2017).
- Updated: 3DxSolidEdge v. 3.6.1 (r13714; Jan 20, 2017).
- Updated (x64): 3DxSolidEdge v. 3.6.1 (r13714; Jan 20, 2017).
- Updated: 3DxSolidWorks v. 3.5.1 (r14204; Jun 22, 2017).
- Updated (x64): 3DxSolidWorks v. 3.5.1 (r14204; Jun 22, 2017).
- Updated: 3DxStudio v. 6.2.3 (r14221; Jun 28, 2017).
- Updated (x64): 3DxStudio v. 6.2.3 (r14221; Jun 28, 2017).
- Updated: 3DxWinCore v. 17.5.0 (r14333; Aug 1, 2017).
- Updated (x64): 3DxWinCore v. 17.5.0 (r14333; Aug 1, 2017).
- Updated: DemoPrograms v. 0.9.5 (r2618; Jun 14, 2017).
- New: Add option "Automatically check for updates".
- New: Add official support for versions 2018 of Autodesk 3ds Max, Inventor and Maya and Dassault Systèmes SOLIDWORKS.
- New: Add QuickZoom long-press feature for 3Dconnexion Viewer and Assembly Demo; Autodesk 3ds Max, Inventor and Maya; Dassault Systèmes SOLIDWORKS; Onshape; PTC Creo; and Siemens PLM NX.
- New: Add "Check for update" feature to determine the latest version of 3DxWare 10 available for download. The "About" panel of "3Dconnexion Properties" (3DxSmartUI) displays latest version of 3DxWare 10.
- New: [Enhancement 7329] Support "Sketch / Profile: Disable Rotation" option in the "Advanced Settings" panel of "3Dconnexion Properties" for Siemens PLM Solid Edge. When enabled, the option stops rotation in Sketch and Profile environments automatically. The option's default is rotation enabled (check-box not ticked).
- Change: .NET Framework requirement updated to version 4.6 or newer. Installer will run the online updater for version 4.6 if the required .NET Framework is not already present on the system. Microsoft Windows 10 includes .NET 4.6.
- Change: Use grid-style in device selector panel in "3Dconnexion Properties".
- Change: Make the Autodesk 3ds Max plug-in a GUP instead of a UtilityObj. This fixes [7335] ("mCloth tool not working"), as well as Tools->Manage Scene States not opening.
- Fix: [7393] AutoCAD Mechanical (German) uses English commands.
- Fix: [7396] When selecting a joint in Autodesk Maya, the rotation point behaves erratically.
- Fix: Disabled axis reset when restarting a web program (see [7380]) such as Onshape.
- Fix: Fix possible race writing user settings (see [7389]) in the add-ins for Autodesk 3ds Max, Maya and Siemens PLM NX.
- Fix: Custom user settings for Autodesk 3ds Max and Maya are not saved if user name contains non-ASCII characters.
- Fix: Fix QuickZoom in perspective views in Siemens PLM NX.
- Fix: [6912] QuickZoom does not zoom about cursor in drawing environment in Siemens PLM NX.
- Fix: [7389] PTC Pro/ENGINEER Wildfire 4.0 plug-in creates files with Chinese and Malayalam characters in the working directory.
- Fix: [7325] Rhino does not receive the button numbers, 0 is sent.
- Fix: [7334] SpaceMouse Enterprise LCD tilted if display settings are changed.
- Fix: [7392] Clean old user settings feature doesn't work correctly with symbolic links.
- Fix: [7320] Selection area out of alignment in 3Dconnexion Assembly.
- Note: Minimum required system version updated to Windows 7 SP1, 8.1 and 10. Windows 7 RTM and older and Windows 8 no longer supported.

