

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 10.6.

1.4 Document History

Version 1.0

- First document version. Includes information on version 10.6.0 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 June 3, 2019

- Update 3DxWare 10 to version 10.6.0.
- New: Add support for the CadMouse Pro Wireless.
- New: Add support for PTC Creo Parametric 6.0.
- Note: Stability improvements to driver and plug-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 3Dconnexion 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 3Dconnexion. 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: Windows RT (ARM architecture) not supported.

3.3 Supported 3Dconnexion Products

Supported 3Dconnexion products:

- CadMouse
- CadMouse Pro Wireless
- CadMouse Wireless
- SpaceMouse Compact
- SpaceMouse Enterprise
- SpaceMouse Pro
- SpaceMouse Pro Wireless
- SpaceMouse Wireless
- SpaceNavigator
- SpaceNavigator for Notebooks
- SpacePilot Pro
- Universal Receiver

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: **10.6.0**.

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	10.6.0	2019 May 27
3DxAdobe3D	1.4.2	2018 Apr 3
3DxAutoCAD	5.6.0	2019 Jan 24
3DxAutoCAD (x64)	5.6.0	2019 Jan 24
3DxCollage	1.3.1	2019 Jan 31
3DxInventor	2.3.0	2018 Dec 12
3DxInventor (x64)	2.3.0	2018 Dec 12
3DxLcdApplets (SPP only)	1.5.1	2018 Feb 15

3DxLcdApplets (x64; SPP only)	1.5.1	2018 Feb 15
3DxMSOffice	1.0.1	2016 Apr 15
3DxMSOffice (x64)	1.0.1	2016 Apr 15
3DxMaya	5.2.7	2019 Feb 19
3DxMaya (x64)	5.2.7	2019 Feb 19
3DxNLServer	1.3.3	2019 Feb 1
3DxNX	3.4.12	2019 Jul 11
3DxNX (x64)	3.4.12	2019 Jul 11
3DxPhotoshop	2.9.2	2019 Apr 30
3DxPhotoshop (x64)	2.9.2	2019 Apr 30
3DxProENGINEER	2.4.2	2019 Mar 28
3DxProENGINEER (x64)	2.4.2	2019 Mar 28
3DxSketchUp	5.0.0	2019 Apr 27
3DxSketchUp (x64)	5.0.0	2019 Apr 27
3DxSolidEdge	3.6.2	2019 Apr 18
3DxSolidEdge (x64)	3.6.2	2019 Apr 18
3DxSolidWorks	3.5.4	2018 Dec 7
3DxSolidWorks (x64)	3.5.4	2018 Dec 7
3DxStudio	6.2.9	2019 Mar 8
3DxStudio (x64)	6.2.9	2019 Mar 8
3DxTrainer	3.2.6	2019 Feb 6
3DxWinCore	17.6.0	2019 May 27
3DxWinCore (x64)	17.6.0	2019 May 27
DemoPrograms	0.9.7	2019 May 13
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. 10.5.15

The following component products were added (new): *none*.

The following component products were removed: *none*.

The following component products were updated: 3DxNX, 3DxPhotoshop, 3DxProENGINEER, 3DxSketchUp, 3DxSolidEdge, 3DxStudio, 3DxTrainer, 3DxWinCore (driver) and DemoPrograms.

Version 10.6.0 (r2972; May 27, 2019). First public release of v. 10.6.

- Updated: 3DxNX v. 3.4.12 (r15850; Jul 19, 2018).
- Updated (x64): 3DxNX v. 3.4.11 (r15197; Jul 19, 2018).
- Updated: 3DxPhotoshop v. 2.9.2 (r16125; Apr 30, 2019).
- Updated (x64): 3DxPhotoshop v. 2.9.2 (r16125; Apr 30, 2019).
- Updated: 3DxProENGINEER v. 2.4.2 (r16025; Mar 28, 2019).
- Updated (x64): 3DxProENGINEER v. 2.4.2 (r16025; Mar 28, 2019).
- Updated: 3DxSketchUp v. 5.0.0 (r16110; Apr 27, 2019).
- Updated (x64): 3DxSketchUp v. 5.0.0 (r16110; Apr 27, 2019).
- Updated: 3DxSolidEdge v. 3.6.2 (r16104; Apr 18, 2019).
- Updated (x64): 3DxSolidEdge v. 3.6.2 (r16104; Apr 18, 2019).
- Updated: 3DxStudio v. 6.2.9 (r15959; Mar 8, 2019).
- Updated (x64): 3DxStudio v. 6.2.9 (r15959; Mar 8, 2019).
- Updated: 3DxTrainer v. 3.2.6 (r15847; Feb 6, 2019).
- Updated: 3DxWinCore v. 17.6.0 (r16266; May 27, 2019).
- Updated (x64): 3DxWinCore v. 17.6.0 (r16266; May 27, 2019).
- Updated: DemoPrograms v. 0.9.7 (r2965; May 13, 2019).
- New: Add support for new device type "CadMouse Pro Wireless".
- New: Added support for PTC Creo Parametric 6.0.
- Fix: [WIN-280] Iso1 and Iso2 cannot be set in a camera view in Autodesk 3ds Max.
- Fix: Model moves out of view during the animation (Autodesk 3ds Max).
- Fix: [WIN-330] Onshape icons rendered incorrectly.
- Fix: [WIN-315] Reset all settings does not update advanced settings UI.
- Fix: [WIN-333] 3DxHome crashes when 3DxHome.xml is saved for Polish.
- Note: Supported version range of SketchUp changed to 2014 to 2019. Versions 2013 and older no longer supported.