Software Release
Version 3.16

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Classification:	*Public documentation*

Document history summary:

Version	Author	Date	Status	Comment
1.0	3Dconnexion	2012-Oct-19	Final	First document version
2.0	3Dconnexion	2013-Jan-30	Final	Windows software update
3.0	3Dconnexion	2013-Mar-28	Final	Windows software update

Content

1. Introduction

1.1 Purpose

This document summarizes the changes in 3Dconnexion Software version as specified in 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 3.16.

1.4 Document History

Version 3.0
- Third document version. Includes information on update to Windows software.

Version 2.0
- Second document version. Includes information on update to Windows driver software and revised software license agreement.

Version 1.0
- First document version. Includes information on a new software release for Microsoft 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 Third Release (March 28, 2013)

Update software for Windows only.

Windows

- Add support for Adobe Reader XI and Adobe Acrobat XI.
- Add support for Autodesk 3ds Max 2014, Autodesk Maya 2014 and Autodesk Softimage 2014.
- Add official support for Autodesk Inventor 2014.
- Additional performance and stabilization improvements to plug-in and SpacePilot Pro applet software.

2.2 Second Release (January 30, 2013)

Update software for Windows only.

Windows

- Change driver DLL loading to avoid interference by some anti-virus security products.
- Modify wording of software license agreement to clarify some terms and conditions. License terms and conditions are unchanged otherwise.

2.3 First Release (October 19, 2012)

Update software for Windows only.

Windows

- Installation package 3DxSoftware updated to version 3.16.1.
- Add official support for Microsoft Windows 8.
- Add support for Dassault Systèmes SolidWorks 2013 and Siemens PLM Software NX 8.5.
- Add official support for Siemens PLM Software Solid Edge ST5.
- Enable advanced button configuration in Sketch mode in Siemens PLM Software NX.
- Performance and stabilization improvements to plug-in and driver software.

3. Windows Software

3.1 Description

The 3DxSoftware package includes most of the 3Dconnexion Windows software available from 3Dconnexion. Four "editions" of the software and respective installation packages are available for redistribution:

- **3DxSoftware32**: includes all x86 (32-bit) Windows driver and plug-in software for all currently supported 3D except SpacePilot Pro. This package installs the "3DxSoftware 32-bit Edition";
- **3DxSoftware64**: includes all x64 (64-bit) Windows driver and plug-in software for all currently supported 3D mice except SpacePilot Pro. This package installs the "3DxSoftware x64 Edition";
- **3DxSoftware32SPP**: includes all x86 (32-bit) Windows driver (3D mouse and LCD module) and plug-in software for the SpacePilot Pro. This package installs the "3DxSoftware SpacePilot Pro 32-bit Edition";
- **3DxSoftware64SPP**: includes all x64 (42-bit) Windows driver (3D mouse and LCD module) and plug-in software for SpacePilot Pro. This package installs the "3DxSoftware SpacePilot Pro x64 Edition".

3.2 Supported Operating Systems

Supported Windows operating systems:

- Windows XP Professional (SP2, SP3)
- Windows XP Professional x64 Edition (RTM, SP2, SP3)
- Windows Vista (RTM, SP1 and SP2, all editions)
- Windows 7 (RTM and SP1, all editions)
- Windows 8 (RTM; all editions for x86 and x86-64 architectures)

Note: Windows 8 RT (ARM architecture) not supported.

3.3 Supported 3Dconnexion Devices

Supported 3D mice products:

- SpaceExplorer USB
- SpaceMouse Pro
- SpaceNavigator
- SpaceNavigator for Notebooks
- SpacePilot
- SpacePilot Pro

Note 1: Serial devices are not supported since 3DxSoftware v. 3.0 and newer.
Note 2: USB legacy devices SpaceMouse Plus/Plus XT USB, SpaceBall 5000 USB and SpaceTraveler are not supported in 3DxSoftware v. 3.8 and newer.

3.4 Changes to 3DxSoftware

Below is a breakdown of the changes implemented in this 3DxSoftware version. These changes are listed under the individual components that make up the 3DxSoftware 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 3DxSoftware in order to install the hardware driver (3DxWare).

3.4.1 Current Version

The current version of 3DxSofware: **3.16.3**.

3.4.2 Table of Included Products

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

Product Name	Version	Build date
3DxSoftware	**3.16.3**	**2013 Mar 21**
3DxAdobe3D	*1.3.0*	*2013 Mar 21*
3DxAutoCAD	4.5.1	2010 Oct 18
3DxAutoCAD (x64)	4.5.1	2010 Oct 18
3DxCollage	1.3.0	2011 Feb 4
3DxInventor	*1.12.1*	*2013 Mar 21*
3DxInventor (x64)	*1.12.1*	*2013 Mar 21*
3DxLcdApplets (SPP only)	*1.3.1*	*2013 Feb 26*
3DxLcdApplets (x64; SPP only)	*1.3.1*	*2013 Feb 26*
3DxMaya	*4.3.1*	*2013 Mar 18*
3DxMaya (x64)	*4.3.1*	*2013 Mar 18*
3DxNX	*2.13.2*	*2013 Mar 21*
3DxNX (x64)	*2.13.2*	*2013 Mar 21*
3DxPhotoshop	*2.3.1*	*2012 Aug 8*
3DxPhotoshop (x64)	*2.3.1*	*2012 Aug 8*
3DxProENGINEER	*1.12.2*	*2012 Oct 18*
3DxProENGINEER (x64)	*1.12.2*	*2012 Oct 18*
3DxSI	*2.11.1*	*2013 Mar 18*
3DxSI (x64)	*2.11.1*	*2013 Mar 18*
3DxSketchUp	*3.1.4*	*2012 Dec 9*
3DxSolidEdge	*2.22.1*	*2013 Mar 19*
3DxSolidEdge (x64)	*2.22.1*	*2013 Mar 19*
3DxSolidWorks	*2.23.1*	*2013 Mar 19*
3DxSolidWorks (x64)	*2.23.1*	*2013 Mar 19*
3DxStudio	*5.6.1*	*2013 Mar 18*
3DxStudio (x64)	*5.6.1*	*2013 Mar 18*
3DxTrainer	*3.2.2*	*2013 Mar 8*
3DxWare	*6.16.1*	*2013 Jan 8*
3DxWare (x64)	*6.16.1*	*2013 Jan 8*
LADP (SPP only)	3.06.109	2010 Aug 3
LADP (x64; SPP only)	3.06.109	2010 Aug 3

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

3.4.3   Changes to 3DxSoftware since v. 3.15.6:
- The following component products were added (new): none.
- The following component products were removed: none.
- The following component products were changed (updated): 3DxAdobe3D, 3DxInventor, 3DxLcdApplets, 3DxMaya, 3DxNX, 3DxPhotoshop, 3DxProENGINEER, 3DxSI, 3DxSketchUp, 3DxSolidEdge, 3DxSolidWorks, 3DxStudio, 3DxTrainer and 3DxWare.

Version 3.16.3 (March 21, 2013). Third official release.
- New: Add support for Adobe Reader XI and Adobe Acrobat XI.
- New: Add official support for Autodesk Inventor 2014 64-bit.
- New: Add support for Autodesk 3ds Max 2014 x64 and 3ds Max Design 2014 x64.
- New: Add support for Autodesk Maya 2014 x64.
- New: Add support for Autodesk Softimage 2014 x64.
- New: Add official support for SolidCAM 2013 Embedded (OEM build of SolidWorks).
- Change: Stop the Solid Edge add-in from displaying a warning if the driver is not running (once the driver is launched, the add-in will connect automatically).
- Fix: [5271] msvcp80.dll not found error after plug-in is installed to NX4.
- Fix: [5793] Error when removing 3DxApplets after removing LCD Manager.
- Fix: [6237] Autodesk 3ds Max 2012 crashes on Windows 8 if using 3D mouse.
- Note: Additional performance and stabilization improvements to plug-in and SpacePilot Pro applet software.

Version 3.16.2 (January 18, 2013). Second official release:
- Change: Modify driver DLL file loading (base-addressing) to avoid interference by anti-virus software.
- Change: Update "3Dconnexion Software License" to rev. 12331A (clarify wording of terms and conditions).

Versions 3.16.0 (Beta) and 3.16.1:
- New: Add official support for Windows 8 (all editions) for x86 and x86-64 architectures.
- New: Add support for SolidWorks 2013 and NX 8.5.
- New: Add official support for Solid Edge ST5.
- New: Enable advanced button configuration in Sketch mode in Siemens PLM Software NX.
- Change: Issue a recommendation if AutoCAD 2013 is found on the system. Customers are asked to install the "Autodesk 3Dconnexion hotfix" available in Autodesk's web site.
- Change: Performance and stability improvements in plug-ins for 3ds Max and 3ds Max Design, Maya, NX, Photoshop, Softimage, Solid Edge, and SolidWorks.
- Change: Stability improvements to driver software.