Software Release
Version 3.15

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Cc:	
Classification:	*Public documentation*

Document history summary:

Version	Author	Date	Status	Comment
1.0	3Dconnexion	2011-Nov-25	Final	First document version

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 3.15.

1.4   Document History
Version 1.0
- First document version. Includes information on a new release of Mac OS X, UNIX/Linux and 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   First Release (November 29, 2011)

Update software for all supported platforms: Mac OS X, UNIX/Linux and Windows.

Mac OS X
  • Add support for SpaceMouse Pro.

UNIX/Linux
  • Add support for SpaceMouse Pro.

Windows
  • Add support for SpaceMouse Pro with On-Screen Display.
  • Introduce the "Virtual NumPad" panel.

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)

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: The 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 is **3.15.2**.

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	**3.15.2**	**2011 Nov 9**
3DxAdobe3D	1.1.0	2010 Nov 5
3DxAutoCAD	4.5.1	2010 Oct 18
3DxAutoCAD (x64)	4.5.1	2010 Oct 18
3DxCollage	1.3.0	2011 Feb 4
3DxInventor	*1.10.0*	*2011 Sep 23*
3DxInventor (x64)	*1.10.0*	*2011 Sep 23*
3DxLcdApplets (SPP only)	1.3.0	2011 Mar 30
3DxLcdApplets (x64; SPP only)	1.3.0	2011 Mar 30
3DxMaya	*4.1.0*	*2011 Sep 22*
3DxMaya (x64)	*4.1.0*	*2011 Sep 22*
3DxNX	*2.11.0*	*2011 Sep 23*
3DxNX (x64)	*2.11.0*	*2011 Sep 23*
3DxPhotoshop	2.2.1	2010 Oct 27
3DxPhotoshop (x64)	2.2.1	2010 Oct 27
3DxProENGINEER	*1.10.0*	*2011 Sep 22*
3DxProENGINEER (x64)	*1.10.0*	*2011 Sep 22*
3DxSI	*2.9.0*	*2011 Sep 23*
3DxSI (x64)	*2.9.0*	*2011 Sep 23*
3DxSketchUp	3.1.2	2011 Feb 8
3DxSolidEdge	*2.20.0*	*2011 Sep 30*
3DxSolidEdge (x64)	*2.20.0*	*2011 Sep 30*
3DxSolidWorks	*2.21.0*	*2011 Sep 16*
3DxSolidWorks (x64)	*2.21.0*	*2011 Sep 16*
3DxStudio	*5.4.0*	*2011 Sep 22*
3DxStudio (x64)	*5.4.0*	*2011 Sep 22*
3DxTrainer	3.2.0	2010 Oct 10
3DxWare	*6.15.2*	*2011 Nov 9*
3DxWare (x64)	*6.15.2*	*2011 Nov 9*
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 public release.

3.4.3 Changes to 3DxSoftware since v. 3.14.2:
- The following packages were added (new): none.
- The following products were removed: none.
- The following products were changed (updated): 3DxInventor, 3DxMaya, 3DxNX, 3DxProENGINEER, 3DxSI, 3DxSolidEdge, 3DxSolidWorks, 3DxStudio and 3DxWare.

Version 3.15.2:
- New: Add support for SpaceMouse Pro with On-Screen Display panel.
- New: Introduce the "Virtual NumPad" panel.

4. Mac OS X Software

4.1 Description

The 3DxMacWare package includes the driver software and associated software plug-ins for Mac OS X. One redistributable package is available for redistribution:

- 3DxMacWare (SE): this is the "Standard Edition" software for SpaceExplorer USB, SpaceMouse Pro, SpaceNavigator, and SpaceNavigator for Notebooks.

4.2 Supported Operating Systems

- OS X 10.4.6 or higher

4.3 Supported 3Dconnexion Devices

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

4.4 3DxMacWare Packages File Names

3DxMacWare is distributed as a single disk image file (.dmg) with the following file name format: **3dxwaremacSE-vX_Y_Z.dmg**, where "X-Y-Z" is the version number. As an example, the package for release version **1.0.1** had "3dxwaremacSE-v1_0_1.dmg" as file name.

4.5 Changes to 3DxMacWare

The following paragraphs describe in detail the changes to 3DxMacWare and included products.

4.6 Current Version

The current version of 3DxMacWare is **1.7.0**.

4.6.1 Table of Included Products

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

3DxSketchUp	2.0.3	23 Nov 2010
3DxQTVR	1.0.4	01 Oct 2007
3DxMacWare	1.7.0	30 Sep 2011
3DxPhotoshopCS5	2.2.0	10_Jul_2010
3DxPhotoshopCS4	2.0.9	09 Oct 2008
3DxPhotoshopCS3	2.0.5	01 Oct 2007
3DxPhotoshopCS2	2.0.1	01 May 2007
3DxAcrobat3D	1.0.1	28 Feb 2008
3DxMaya	1.0.4	21 Mar 2011

The DMG we ship also includes a folder called "Additional Plug-ins". This folder contains plug-ins which the user can optionally install. They are not installed automatically by 3DxMacWare.

formZ plug-in	6.1	13 Dec 2006

4.6.2 Changes to 3DxMacWare since v.1.6.3

Version 1.7.0:
- New: Add support for SpaceMouse Pro.

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5. UNIX/Linux Software

5.1 Description

3DxWareUNIX is the driver software (user-mode application) for UNIX and Linux operating systems. Five redistributable packages are available for redistribution and each includes the driver executable and an installation script.

5.2 Supported Operating Systems

- AIX 5.2 ML04 or newer;
- HP-UX 11 or newer;
- Linux: Red Hat Enterprise Linux Workstation 4, 5; Novell SUSE Linux 9.3, 10, 11;
- SUN Solaris 9/04 or newer;
- SUN Solaris 10 x86/x64.

5.3 Supported 3Dconnexion Devices

- SpaceExplorer (Serial and USB)
- SpaceMouse Pro
- SpaceNavigator
- SpaceNavigator for Notebooks
- SpacePilot
- SpacePilot PRO

5.4 3DxWareUNIX Packages File Names

3DxWareUNIX is distributed as compressed (gzip) TAR files with the following file name format: **3Dxware-<OS>_vX-Y-Z.tar.gz**, where "<OS>" is the operating system and "X-Y-Z" is the version number. As an example, the HP-UX file for release version **1.2.7** had the file name "3dxware-hpux-v1-2-7.tar.gz."

5.5 Changes to 3DxWareUNIX

The following paragraphs describe in detail the changes to 3DxWareUNIX and associated products.

5.5.1 Current version

Current version of 3DxWareUNIX: **1.6.0**.

5.5.2 Changes to 3DxWareUNIX since v.1.5.3

Version 1.6.0:
- New: Add support for SpaceMouse Pro.

5.6 Changes to the 3Dconnexion Plug-In for Maya for Linux (3DxMaya)

The 3Dconnexion Add-In for Autodesk Maya for Linux is distributed as a stand-alone installation and made available separately from the 3DxWareUNIX package (UNIX/Linux driver).

The 3Dconnexion Plug-In for Maya for Linux has not been updated in Release 3.15.
Latest available software remains at version 1.4-14 (support for Autodesk Maya 2012 for Linux).