

# Software Release Version 3.6

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Document history summary:

Version	Author	Date	Status	Comment
1.0	3Dconnexion	20-Mar-08	Final	First public release (Windows only)
2.0	3Dconnexion	16-May08	Final	2 <sup>nd</sup> public release (all platforms)
2.1	3Dconnexion	20-May-08	Final	Minor correction

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# **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 3.6.

## **1.4 Document History**

Version 2.1

- Minor editing: 3Dconnexion Windows software is supported on Windows XP Professional x64 Edition RTM and SP2. See paragraph 3.2.

Version 2.0

- Second public release of version 3.6.
- Updates to the Windows, Mac and UNIX/Linux software.

Version 1.0

- First document version: includes information on new release of 3DxSoftware (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 Second public release (May 2008, all platforms)

- Windows: Support for Windows XP SP3 (x86) and Windows Vista SP1 (all editions);
- Windows: Stability improvements to the plug-ins of Autodesk 3ds Max, Autodesk AutoCAD, Autodesk Maya, PTC Pro/ENGINEER and Siemens NX.
- UNIX/Linux: Stability improvements to UNIX/Linux driver software (3DxWareUNIX).
- Mac: New product SpaceExplorer USB for OS X
- Mac: New plug-in for Maya 8.5 and 2008 for OS X
- Mac: 64-bit 3DxMacWare SDK

### 2.2 First public release (March 2008, Windows only)

- Windows: Support for Autodesk 3ds Max 2008 (x86, x64)
- Windows: Support for Autodesk AutoCAD 2009 (x86, x64) and related applications;
- Windows: Support for Autodesk Inventor 2009 (x86, x64)<sup>\*</sup>
- Windows: Support for PTC Pro/ENGINEER Wildfire 4 (x86, x64)<sup>†</sup>
- Windows: Stability improvements in Autodesk AutoCAD and AutoCAD-based applications<sup>‡</sup>
- Windows: 3DxWare configuration file for 3Dconnexion Collage

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<sup>\*</sup> The 3Dconnexion add-in for Autodesk Inventor (all versions) is required only for *button mapping*. Navigation using a 3D mouse is native in Autodesk Inventor. For navigation alone, the only required 3Dconnexion software is the driver, 3DxWare. Autodesk Inventor 2009 is the first version of the application built natively for the x64 platform.

<sup>†</sup> The 3Dconnexion add-in for PTC Pro/ENGINEER (all versions) is required only for *button mapping*. Navigation using a 3D mouse is native in Pro/ENGINEER. For navigation alone, the only required 3Dconnexion software is the driver, 3DxWare.

<sup>‡</sup> 3DxSoftware includes support for AutoCAD and AutoCAD-based applications versions 2007, 2008 and 2009. Both the x86 and x64 platforms are supported in application versions 2008 and 2009. AutoCAD version 2007 is available only on the x86 platform (32-bit).

## 3. Windows Software (3DxSoftware)

### 3.1 Description

The 3DxSoftware package includes most of the 3Dconnexion Windows software available from 3Dconnexion. Two redistributable packages are available for redistribution:

- 3DxSoftware: includes all x86 (32-bit) and x64 (64-bit) Windows software;
- 3DxSoftwarePE: includes all x86 and x64 software for the "Personal Edition" (PE) of the SpaceNavigator.

### 3.2 Supported Operating Systems

- Windows 2000 SP4
- Windows XP Professional RTM, SP1, SP2 and SP3
- Windows XP Professional x64 Edition RTM and SP2
- Windows Vista RTM and SP1 (all x86 and x64 editions)

**Note:** MSI v. 3.0 or higher is required to be installed in Windows 2000 and Windows XP Professional (x86 / 32-bit) RTM and SP1.

### 3.3 Supported 3Dconnexion Devices

- SpaceMouse Plus/Plus XT (USB only)
- SpaceBall 5000 (USB only)
- SpaceTraveler
- SpacePilot
- SpaceExplorer (USB only)
- SpaceNavigator
- SpaceNavigator for Notebooks

**Note:** serial devices are **not** supported since 3DxSoftware v. 3.0.

### 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 software which supports the device itself (3DxWare).

#### 3.4.1 Table of Included Products

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

<b>3DxSoftware</b>	<b>3.6.6</b>	<b>14 May 2008</b>
3DxAdobe3D	1.0.6 (r495)	12 Oct 2007
3DxAutoCAD2007	4.2.1	30 Apr 2008
3DxAutoCAD2008	4.2.1	30 Apr 2008
3DxAutoCAD2008 (x64)	4.2.1	30 Apr 2008
3DxAutoCAD2009	4.2.1	30 Apr 2008
3DxAutoCAD2009 (x64)	4.2.1	30 Apr 2008
3DxInventor	1.4.1	19 Mar 2008
3DxInventor (x64)	1.4.1	20 Mar 2008
3DxMaya6	3.5.4	22 Apr 2008 <sup>§</sup>
3DxMaya65	3.5.4	22 Apr 2008
3DxMaya7	3.5.4	22 Apr 2008
3DxMaya8	3.5.4	22 Apr 2008

<sup>§</sup> MSI file edited in 3DxSoftware v. 3.6.6 (r503)

<i>3DxMaya8 (x64)</i>	3.5.4	22 Apr 2008
<i>3DxMaya85</i>	3.5.4	22 Apr 2008
<i>3DxMaya85 (x64)</i>	3.5.4	22 Apr 2008
<i>3DxMaya2008</i>	3.5.4	22 Apr 2008
<i>3DxMaya2008 (x64)</i>	3.5.4	22 Apr 2008
<i>3DxNX4</i>	2.3.4	2 May 2008
<i>3DxNX4 (x64)</i>	2.3.4	2 May 2008
<i>3DxNX5</i>	2.3.4	2 May 2008
<i>3DxNX5 (x64)</i>	2.3.4	2 May 2008
<i>3DxPhotoshopCS2</i>	1.2.8	8 May 2007
<i>3DxPhotoshopCS3</i>	2.0.6	9 May 2008
<i>3DxProENGINEER</i>	1.4.1	25 Apr 2008
<i>3DxProENGINEER (x64)</i>	1.4.1	25 Apr 2008
<i>3DxProENGINEERWF4</i>	1.4.1	25 Apr 2008
<i>3DxProENGINEERWF4 (x64)</i>	1.4.1	25 Apr 2008
<i>3DxQuickTime</i>	1.1.10	30 May 2007
<i>3DxSI</i>	2.3.0	10 Aug 2007
<i>3DxSI (x64)</i>	2.3.0	10 Aug 2007
<i>3DxSketchUp</i>	2.0.3	20 Apr 2007
<i>3DxSolidEdge</i>	2.12.0	27 Sep 2007
<i>3DxSolidEdge (x64)</i>	2.12.0	27 Sep 2007
<i>3DxSolidWorks</i>	2.11.0	26 Sep 2007
<i>3DxSolidWorks (x64)</i>	2.11.0	26 Sep 2007
<i>3DxStudio6</i>	4.6.0	3 Mar 2008
<i>3DxStudio9</i>	4.6.0	3 Mar 2008
<i>3DxStudio9 (x64)</i>	4.6.1	3 Apr 2008
<i>3DxStudio2008</i>	4.6.0	3 Mar 2008
<i>3DxStudio2008 (x64)</i>	4.6.1	3 Apr 2008
<i>3DxStudio2009</i>	4.6.0	3 Mar 2008
<i>3DxStudio2009 (x64)</i>	4.6.0	3 Mar 2008
<i>3DxViewer</i>	1.2.14	14 Jan 2007
<i>3DxViewer (x64)</i>	1.2.14	14 Jan 2007
<i>3DxWare</i>	6.6.1	13 Mar 2008
<i>3DxWare (x64)</i>	6.6.1	13 Mar 2008

### 3.4.2 Changes to 3DxSoftware since v. 3.5.6:

- The following products were added (new): *3DxAutoCAD2008 (x86 and x64)*, *3DxInventor (x64)*, *3DxStudio2009 (x86 and x64)* and *3DxProENGINEERWF4 (x86 and x64)*.
- The following products were removed: *none*.
- The following products were changed (updated): *3DxAutoCAD* (all), *3DxInventor* (x86), *3DxMaya* (all), *3DxNX* (all), *3DxPhotoshop* (CS3), *3DxProENGINEER* (all), *3DxStudio* (6, 9 and 2008) and *3DxWare* (x86 and x64).

## 4. Mac Software (3DxMacWare)

### 4.1 Description

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

- 3DxMacWare (SE): this is the “Standard Edition” software for SpaceNavigator, SpaceNavigator for Notebooks, and SpaceExplorer.
- 3DxMacWare (PE): this is the “Personal Edition” software for SpaceNavigator.

### 4.2 Supported Operating Systems

- OS X 10.4.6 or higher

### 4.3 Supported 3Dconnexion Devices

- SpaceNavigator USB
- SpaceNavigator for Notebooks USB
- SpaceExplorer USB

### 4.4 Changes to 3DxMacWare

Below is a breakdown of the changes implemented in this 3DxMacWare version. These changes are listed under the individual components that make up the 3DxMacWare 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.

#### 4.4.1 Table of Included Products

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

3DxSketchUp	2.0.3	20 Apr 2007
3DxQTVR	1.0.4	01 Oct 2007
3DxMacWare	1.5.0	14 May 2008
3DxPhotoshopCS3	2.0.5	01 Oct 2007
3DxPhotoshopCS2	2.0.1	01 May 2007
3DxAcrobat3D	1.0.1	28 Feb 2008
3DxMaya	1.0.0	12 May 2008

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
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#### 4.4.2 Changes to 3DxMacWare v. 1.5.0 since v. 1.4.0

- The following products were added: 3DxMaya
- The following products were removed: none
- The following default configuration setting was added (new): ArchiCAD
- Support for SpaceExplorer USB
- New 64-bit 3DconnexionClient SDK framework
- Support for case-sensitive file systems (for Google SketchUp which changed filename casing)

## 5. UNIX/Linux Software (3DxWareUNIX)

### 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 (and higher);
- HP-UX 11 (and higher);
- Linux (kernel 2.4.21 and higher; kernel 2.6.8 and higher);
- Solaris 8 (patch required); Solaris 9/04 and higher.
- Solaris 10 x86/x64

### 5.3 Supported 3Dconnexion Devices

- SpaceMouse Plus/Plus XT (serial and USB)
- SpaceBall 5000 (serial and USB)
- SpaceTraveler
- SpacePilot
- SpaceExplorer (serial and USB)
- SpaceNavigator
- SpaceNavigator for Notebooks

### 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."

#### 5.4.1 Current version

Current version of 3DxWareUNIX: 1.3.0 (all platforms).