Autodesk[®] 3ds Max[®] / Autodesk[®] 3ds Max[®] Design 2012

Installation Overview and FAQ



Autodesk® 3ds Max® 2012/Autodesk® 3ds Max® Design 2012

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Autodesk 3ds Max 2012 Installation Overview and FAQ

Overview

The following diagram shows the major parts of the installation process:



Further details are provided in the following sections.

Prepare for Installation

Before starting to install, check the following details:

- Confirm that your computer meets the minimum system requirements. If in doubt, click System Requirements at the bottom of the installer screen.
- Review product documentation to clarify details such as the type of installation to do (stand-alone or network) and which products to install. Documentation is accessible from links on the lower left corner of the installer:

- Ensure that your user name has Administrator permissions to install applications on the computer or network.
- Obtain serial numbers and product keys for all products you want to install. These are on the product package or provided at the time you download the software.
- Close all running applications.

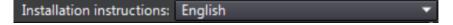
Select Install Type

Here is some basic information to help you choose the right path.

- **Install** is recommended for individual users or small groups. The key point is that you will repeat the installation process on each computer. This is the only valid installation type for a stand-alone license, but it can also be used with a multi-seat stand-alone or network license.
- **Create Deployment** is recommended for network administrators, using either a multi-seat stand-alone or network license. In the deployment process, the installation is configured once, stored on the network, and then distributed efficiently to users' computers.
 - For more information on deployments, see Create Deployment (page 5) or the *Network Administrator's Guide*.
- **Install Tools & Utilities** is used to install tools and utilities related to your suite or product. If you have a network license for your Autodesk product, you will need to use this option to install the Network License Manager before any users can run the product. Consult the documentation for your suite or product to identify the available tools and utilities of interest.

Select Installer Language

On the first screen of the installer, you can select the language for the installer screens, using this control on the upper right:



For some Autodesk products, later in the install process you can select the language for installed products. For more information, see Change Product Language (page 5).

Specify License

The following notes provide a general overview. For more detailed information, see the Licensing Guide for your product.

License Types

You can install most Autodesk products for a trial period of 30 days to evaluate the product. If you purchase a license, it is configured as either stand-alone or network, and for a specific number of users. These license types are briefly described as follows:

- A **stand-alone license** is intended for use by one person. The licensed products can be installed on two computers, as long as both instances are not running concurrently.
- A **multi-seat stand-alone license** is intended to support a specified maximum number of users, but it can be installed on a larger number of computers for convenient access.
- A **network license** supports a specified number of users who are connected to a network. The Network License Manager is installed on one or more servers on the network to manage the distribution of licenses to users.

Network License Server Models

If you are using a network license, choose the server configuration for the Network License Manager that was specified at the time of license purchase:

■ Single License Server

One server manages all licenses on the network.

■ Distributed License Server

Licenses are distributed across a pool of multiple servers in the network. You enter the name of each server in the pool.

■ Redundant License Server

Three servers are available to authenticate each license. You enter the names of the three servers.

Configure and Install

Installation Path

This path specifies where the product folder will be installed.

Configuration

Most products have a number of configuration settings. On the Install > Configure Installation page, for any product you have selected to install, you see a triangular control for access to a configuration panel:



Click anywhere in the product box to open the configuration panel. For many products, you can select an installation type, either **Typical** to accept the default configuration settings, or **Custom** to review the settings and decide whether to modify them. More information on the configuration settings for your product may exist in an appendix to this guide. After you have configured the settings as required, click the triangle to close the configuration panel.

Activate Products

When you run an Autodesk product for the first time, you will be asked to activate the product. If it is connected to the Internet, your computer can communicate directly with Autodesk to complete the activation process.

If your computer is disconnected from the Internet, you can activate later when you are connected. Some products also permit you to activate offline by sending the serial number, request code, and registration data to Autodesk over the Web or by email. For more information on activation, go to *Autodesk Licensing* and select the FAQ link.

Create Deployment

Administrative Image

This is a customized set of installation files created by the deployment process. It is used to install a consistent configuration of programs on each computer. Other settings:

- **Administrative image path.** Specify a shared network location where you have Full Control permissions. Users will go to this path to install the
- **Target platform.** Select either 32-bit or 64-bit to match the operating system of the computers that will use the deployment.
- Include only products required by this deployment **configuration.** If selected, the deployment cannot be modified in the future to include additional products. If unselected, the administrative image will include all possible products, and the deployment can be modified in the future in any way.

Installation Settings

- **Silent mode** runs the installation in background, without user input.
 - **IMPORTANT** In silent mode, the user's computer can restart automatically and without warning when the installation is complete.
- A **log file** records installation data for each computer.
- A **network log file** keeps a central record of installation data for all computers that run the deployment. It has the same name as your deployment, and must reside in a shared folder where users have Change permissions, so that their computers can write to the log file.

Change Product Language

This topic does not apply to Autodesk products that provide each language version on separate media. For these products, you must specify the product language when purchasing, and cannot change it.

For some Autodesk products, you can select the product language at the time of installation, using this drop-down menu on the installer:

Product language: English

If the language you want is not available from this control, and if you see the Add Language option on the menu, you can add a language pack.

NOTE The Add Language Pack option is available only to subscription customers.

For deployments, language packs can be included in an administrative image when you initially create a deployment, or when you create a new deployment configuration, but not when you modify a deployment.

To Download a Language Pack

You can obtain language packs from the *Subscription Center* website, as follows:

- 1 On the Select the Products to Install page, click the language drop-down arrow and select Add Language Pack.
- **2** In the Language Pack dialog box, click the Browse button and select the language pack downloaded from the subscription center.

The following rules apply to language selection:

- Only one language can be chosen per installation session. For example, you cannot chose English for one product and German for another product during the same installation.
- Deployments must be in a single language. One administrative image can support deployments for different languages, but each deployment is for one language.
- If you are modifying a deployment, or creating a new deployment using an existing deployment as a template, you cannot change the language of the deployment.
- If you select a language that is not supported by some products, a default language is chosen.

Frequently Asked Questions

For advice and assistance with topics not covered here, go to *Autodesk Support*, click your product name, and search in the Knowledgebase for your product.

What if I have lost my serial number or product key?

Check your product packaging or purchase records, if available, or contact Autodesk Customer Service for assistance.

Why do I need to activate a product after installation?

Activation verifies for Autodesk and for you as a license holder that your Autodesk product is installed on an eligible computer. The activation process improves license security and management. For example, it ensures that a multi-seat license is not in use by more than the authorized number of users.

How does a trial license work in a product suite or bundle?

A single trial period, usually 30 days, applies to all Autodesk products in the suite or bundle. When the first product is started, the trial period countdown begins for all products. If the user does not activate one of the products before the trial period ends, access to all of the products is denied. After the trial period ends, the user can restore access to the products by entering an activation code.

How do I switch my license from stand-alone to network or network to stand-alone?

If you simply entered the wrong license type by mistake, and are still running the installer, use the Back button to return to the Product Information dialog, and change the license type.

If you want to change the license type for an installed product, contact your Autodesk reseller or license supplier to obtain the new license and serial number. Then uninstall your product and run a new install to change the license type and enter the new serial number.

Where can I find product license information after installation?

Select Help menu About, or About [Product Name]. If your product uses InfoCenter, that is where you can find the Help menu.

After installation, how can I change product configuration, repair, or uninstall the product?

- 1 Go to the Windows control panel:
 - Windows XP: On the Start menu, click Settings Control Panel Add or Remove Programs.
 - Windows Vista or 7: On the Start menu, click Settings Control Panel Programs/Uninstall a Program.
- **2** In Windows control panel, click the product name, and then click Change/Remove (Windows XP) or Uninstall/Change (Windows Vista and 7).

The Installer opens in maintenance mode, and directs you through the process.

Installation Information Specific to Autodesk 3ds Max

Certain items are unique to the Autodesk[®] 3ds Max[®] / Autodesk[®] 3ds Max[®] Design install process (in contrast with other Autodesk products). In this chapter learn about the process for switching to the local version of the help and the sub-components and tools and utilities that ship with 3ds Max (also includes 3ds Max Design unless otherwise noted). Also learn how to install the 32-bit version of 3ds Max on a 64-bit machine.

Switch from Online (Default) to Local Help

By default the Help in 3ds Max is internet-based. If you do not have a dedicated internet connection, you can download a local version of your help. To override the default behavior you then need to change the corresponding preference.

- 1 Download and run the Help installer from www.autodesk.com/3dsmax-helpdownload-enu.
- 2 Once installed, in 3ds Max / 3ds Max Design go to Customize > Preferences > Help Tab and select Local Computer / Network.

NOTE If you are using the default path this is all you need to do. Change the path if you have not used the default location. To revert to the default location (which matches the Help installer's default), click Reset. You an switch back to the online version of the Help at any time, which is the most up-to-date version of the Help available.

Sub-Components Installed with 3ds Max

The sub-components installed with Autodesk 3ds Max 2012 include 3ds Max Composite 2012, the various Autodesk Material Libraries, and Autodesk Backburner 2012. The only optional sub-component is 3ds Max Composite.

3ds Max Composite 2012

When installing 3ds Max, 3ds Max Composite is checked for install by default. 3ds Max Composite 2012 includes:

- Raster and Vector Paint
- Image Processing
- Color Correction
- Keying and Rotoscoping
- Stereoscopic Production Support
- Motion Blur
- Advanced 2D Tracking
- Camera Mapping
- Depth of Field
- Node and Layer-based Compositing Options
- Spline-Based Warping
- Enhanced Render Passes
- Data Managing and Collaborating

Autodesk Material Libraries

The Autodesk Material Libraries are shared libraries installed with Autodesk products such as Inventor, AutoCAD, Revit and 3ds Max. These three items are selected for install by default when you install 3ds Max. They might be installed already, if one of these applications is already installed.

NOTE If you uninstall or remove a library, the library is no longer available for any products. Uninstalling also means you will be unable to view or display scenes that have Autodesk Materials currently in them.

The Autodesk Material Library consists of three sub-libraries:

- Autodesk Material Library 2012: Contains the material appearances used for Realistic Appearance in color styles. This component is installed by default, and it is required for 3ds Max to have full visual style and color style functionality. It is recommended you do not uninstall this component unless you are also uninstalling all Autodesk products that require this library.
- Autodesk Material Library 2012 Base Image Library: Contains low-resolution (approximately 512 x 512) images for use with Autodesk Materials. This is also installed by default.
- Autodesk Material Library 2012 Medium Image Library: Contains medium-resolution (approximately 1024 x 1024) images for rendering materials in medium detail. This library is used for close-ups, and for rendering objects at a larger scale. This library is an installation option available on the Select Products to Install page in the installation wizard.

NOTE To reinstall the material libraries, run the corresponding MSI:

- Autodesk Material Library 2012 -\Content\ADSKMaterials\2012\CM\MaterialLibrary2012.msi
- Autodesk Material Library 2012 Base Image Library -\Content\ADSKMaterials\2012\ILB\BaseImageLibrary.msi
- Autodesk Material Library 2012 Medium Image Library -\Content\ADSKMaterials\2012\ILM\MediumImageLibrary.msi

Autodesk Backburner 2012

software, also used by products such as Autodesk Flame, and Autodesk Smoke[©]. Backburner is a required install and is installed by default when you install Autodesk 3ds Max 2012 / Autodesk 3ds Max Design 2012. You must uninstall older versions of Backburner before installing Backburner 2012. Backburner 2012 is backward compatible but settings do no migrate from earlier versions. For information about using Backburner from inside 3ds Max, refer to the "Network Rendering" section in the "Rendering" chapter of the 3ds Max Help. For further information about installing and using Backburner see the Help menu in the Backburner Manager.

Backburner for Managing and Monitoring Only

You can install Autodesk Backburner on a machine without 3ds Max or 3ds Max Design. However, such an installation of Autodesk Backburner cannot be used for rendering. You can use this machine only to manage or monitor jobs. Although the Autodesk Backburner server can be installed on a single machine, it will not do anything; it will work only if it detects a supported program such as Autodesk 3ds Max, Autodesk 3ds Max Design, Autodesk Flame, or Autodesk Smoke. This means that you must have Autodesk Backburner installed with at least one additional Autodesk product for a machine in your configuration to be capable of rendering.

Tools and Utilities

The following table summarizes the optional installs available from the 3ds Max / 3ds Max Design Tools and Utilities section in the installer.

Tool or Utility:	Description:	Website:
Autodesk 3ds Max 2012 SDK	Use the SDK to create new Autodesk 3ds Max features and tools by writing your own plug-ins.	www.autodesk.com/devel- op3dsmax
	NOTE The SDK is not shipped with Autodesk 3ds Max Design.	
Network License Manager	You must install the Network License Manager if you are using network licensing.	www.autodesk.com/me-licens- ing-2012-enu
Allegorithmic - Substance Bonus Pack (Designer and Player)	Install the Allegorithmic - Substance Bonus Pack (Extra Content) for additional sub- stances that work with the Substance Designer trial, that is also included.	www.allegorithmic.com/

Tool or Utility:	Description:	Website:
ArchVision Dashboard	Manage the content acquired using RPC Plug-ins with the ArchVision Dashboard.	www.archvision.com/
ArchVision RPC Plug-In	Add photorealistic objects (such as cars, people, and so on) with the RPC Plug- Ins.	
Autodesk Civil View	Convert 3D civil engineering data into 3D visualizations. Autodesk Civil View is integrated into Autodesk 3ds Max Design and is accessed from the Civil View menu. NOTE Autodesk Civil View is only included with Autodesk 3ds Max Design.	See the Civil View menu in 3ds Max Design for Help and Tutorial information.
		NOTE The first time you access Civil View you will need to initialize it and set some basic settings. After that you have access to the complete Civil View menu where you can find the Help and Tutorials.
EASYnat [®] 2.5 for 3ds Max 2012 (Demo)	Drop virtual seeds from the included samples and "grow" them in your model to add life-like plants. This includes 2D, 3D, and hybrid models with branch and leaf detail.	www.bionatics.com/EASYnat/
Craft Director Studio Plug- in Bundle	Use the Craft Director Studio Plug-in Bundle to perform advanced, in-the-box, rigging and physics simulations. These features help you animate cameras and vehicles more quickly and realistically.	www.craftanimations.com

Tool or Utility:	Description:	Website:
Okino Plug-ins (Demo)	A demo version of PolyTrans and NuGraf, from Okino Computer Graphics, lets you evaluate dozens of CAD, DCC, and VisSim data converters directly within 3ds Max or 3ds Max Design.	www.okino.com/
Okino PolyTrans and Nu- Graf Demos		

Installing a 32-bit Product on a 64-bit Operating System

Manually override the installer's default behavior, which automatically installs the 64-bit product on a 64-bit computer. For a stand-alone installation, navigate to the root directory of the install media, and launch the 32-bit installer, which has a file name of <code>Setup_32.exe</code> or something similar. For a deployment, you can select the 64-bit target platform, and specify the 32-bit version of a product.

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