

Autodesk Design Institute 2008

Installation Guide

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Getting Started

Autodesk Design Institute 2008

Autodesk® Design Institute provides educational institutions access to the widest array of Autodesk products used for architecture, interior design, mechanical engineering, manufacturing, civil engineering, geographic information systems, 3D modeling, and visualization. For a single, affordable annual fee, this flexible, subscription-based license program allows educational institutions to use popular Autodesk design tools while reducing the time required for managing licensed software.

You can mix network installations, multi-seat stand-alone installations, and stand-alone installations, as long as the maximum number of licenses is not exceeded.

NOTE For additional licensing information and restrictions, see the Design Institute License Agreement.

Design Institute Products

Autodesk Design Institute contains the most extensive collection of Autodesk products available to educational sites. Each set of product media (CDs or DVDs) in the package represents an individual product. The collection includes the following products.

Product	Notes
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AutoCAD® 2008	
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Autodesk VIZ 2008	
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Product	Notes
AutoCAD Architecture 2008	
Revit® Architecture 2008	
Revit Structure 2008	
AutoCAD Revit MEP Suite 2008	Contains AutoCAD MEP 2008 and Revit MEP 2008
Autodesk Inventor™ Professional 2008	Contains AutoCAD Mechanical 2008, Autodesk Inventor 2008, Autodesk Vault 2008, and Autodesk Design Review 2008
AutoCAD Electrical 2008	
Autodesk Productstream® 2008	Contains Autodesk Productstream Creator 2008 and Autodesk Productstream Reviewer 2008
Autodesk Productstream® Explorer 2008	
AutoCAD Map® 3D 2008	
AutoCAD Civil® 3D 2008	Includes AutoCAD Land Desktop Companion 2008
AutoCAD Raster Design 2008	An AutoCAD-based application must be installed first

NOTE To reduce installation time, only install what is necessary

IMPORTANT Many of the product media contained in this package contain 32-bit and 64-bit versions of the programs. You should only install 32-bit versions. 64-bit versions are not supported for Autodesk Design Institute 2008.

Documentation for Autodesk Products in Design Institute

If necessary, you can print PDF versions of the installation and licensing manuals from the product's installation screen or from the product media. You need Adobe Acrobat Reader to view the PDF files. To download the Adobe Acrobat Reader free of charge, visit www.adobe.com.

In addition to the installation and licensing guides, you can access extensive documentation within each Autodesk product by clicking the Help menu in the product.

For late-breaking information about each product (including installation information), see the product's Readme file (on the product media), or check the individual product sites at www.autodesk.com/products. The main Autodesk support page is www.autodesk.com/support.

Prepare for Installation

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This section provides background information regarding the installation of Autodesk Design Institute products, prerequisite conditions that need to be met before installation begins, the types of installations, and a general understanding of the installation workflow.

In this chapter

- Overview of Installation
- Installation Prerequisites
- Installation Support and Types

Overview of Installation

Most Autodesk products offer three installation options. These include stand-alone, multi-seat stand-alone, and network licensed installations.

Autodesk Design Institute 2008 contains thirteen individual Autodesk products. Each of those products has its own installer that offers at least one of the three types of installation options.

The installation you'll use depends on which products you want to install. The recommended installation method for classroom or lab environments is network licensed or multi-seat stand-alone. Both of these methods require that you use the Installation Wizard to create deployments. Deployments are stored in a shared folder and allow you to install the product on computers that have access to the shared folder. The Installation Wizard can be run directly from the product media.

NOTE While all products can be installed using the stand-alone method, the type of license you've purchased should dictate the installation method you use. Some products *only* allow you to use the stand-alone installation method. See Stand-Alone Quickstart (page 51) for a list of stand-alone products.

Site Configuration

Each Design Institute site uses its own configuration of product deployments and installations. The installation process can be greatly simplified by only installing the products that are required for the classroom or lab to operate.

For example, one site might use the deployments to install network-licensed versions of AutoCAD Architecture 2008 and Autodesk VIZ 2008 on 20 computers. Another site might use the deployments to install multi-seat stand-alone versions of AutoCAD 2008, AutoCAD Architecture 2008, and AutoCAD Civil 3D 2008 on 40 computers.

Installation Prerequisites

Before installing any of the products in the Design Institute package, it is recommended that you make sure the following conditions have been met:

- You understand the product licenses you've ordered. See Understand and Verify Your Product Licensing (page 7).

- For each product you plan to install, you have reviewed the system requirements. See *Review the System Requirements* (page 10).
- You have an understanding of administrative permissions. See *Understand Administrative Permissions* (page 11).
- You have closed all other programs and disabled anti-virus software. See *Unsuccessful Installations* (page 11).
- You have created a distribution plan for products once they're installed on your primary system. See *Deployment Plan* (page 11).
- If you are using imaging software, you have properly cleaned your primary system in preparation for creating a master image. See *Clean a Primary System and Restore the Operating System* (page 11).
- You know how you're going to personalize the products during activation. See *Consistent Personalization Data* (page 12).
- You have created shared folders for each product you plan to install using the deployments. See *Create Shared Folders for Deployments* (page 12).

NOTE Currently Autodesk VIZ 2008 can only be installed to the default location *C:\Program Files\Autodesk\VIZ2008*. You will not be able to install VIZ to any other location, including other drives, or other areas of the C: drive. A patch and more information allowing full installation is posted at the Autodesk VIZ Services and Support page www.autodesk.com/viz2008-installerpatch.

Understand and Verify Your Product Licensing

The type of licensing you purchased for your package of Autodesk Design Institute determines the installation and deployment options that you have available. There are three types of product licenses: network, multi-seat stand-alone, and stand-alone.

Network License

Purchasing network licensed products is recommended for large drafting/design facilities, classrooms, and lab environments. When you install network licensed products, you do not have to worry about activation. Systems running products that use a network license do not require activation because the Network License Manager manages all requests for running a networked application. This means, for example, that you can purchase a network license for 25 seats. The product is installed on 30 systems in the classroom. Once the network license manager is installed, activated, configured and started on the server,

students can log on to any of the 30 systems up to a maximum of 25 (the number of licenses). If someone exits the program on one of the 25 systems, the server frees a license for someone on one of the remaining five systems.

The administrative image created by the Installation Wizard when you create a deployment must be used to install networked applications on a workstation.

If you are installing network licensed products, the following table shows you which products use the network license manager and which chapters you should reference in order to install, deploy, and activate your facility.

Products that use the Network License Manager	Refer to These Chapters
<ul style="list-style-type: none"> ■ AutoCAD 2008 ■ Autodesk VIZ 2008 ■ AutoCAD Architecture 2008 ■ Autodesk Inventor Professional 2008 ■ AutoCAD Electrical 2008 ■ AutoCAD Map 3D 2008 ■ AutoCAD Civil 3D 2008 ■ AutoCAD Raster Design 2008 	<ul style="list-style-type: none"> Network Licensing Quickstart (page 21) Create Deployments Quickstart (page 39) Product Distribution (page 57) Product Activation and Removal (page 63)
<ul style="list-style-type: none"> ■ Revit Architecture 2008 ■ Revit Structure 2008 ■ AutoCAD Revit MEP Suite 2008 	<ul style="list-style-type: none"> Network Licensing Quickstart (page 21) Product Distribution (page 57) Product Activation and Removal (page 63)

Multi-Seat Stand-Alone License

If your facility is not networked, but all the systems can connect to the Internet, you can opt for multi-seat stand-alone licensed products. The Installation Wizard is used to create deployment images. Contained within the deployment images are shortcuts that are double-clicked to install the products. This type of licensing means that your products each use the same single serial number for activation. But, unlike network licensed products, you can only install the products on the maximum number of systems that the license allows.

Furthermore, registration information is pre-configured during the creation of the deployment image which ensures duplicate registration data for all the workstations. As long as a product is installed using the deployment image

shortcut and all the systems have Internet access, they are automatically activated the first time a product is launched.

For example, you purchased a multi-seat stand-alone license for 25 seats. You have 30 systems in your classroom that can communicate over the Internet but they are not networked. Even though you could install software on all 30 systems, only the first 25 systems you start will have their licenses activated. Because the licenses are tied to each specific system, the remaining five systems will never be able to run the software unless you purchase an additional five licenses.

The following table shows you multi-seat stand-alone licensed products and which chapters you should reference in order to install, deploy, and activate your facility.

Products that use Multi-Seat Stand-Alone Licenses	Refer to These Chapters
--	--------------------------------

■ AutoCAD 2008	Network Licensing Quickstart (page 21)
■ Autodesk VIZ 2008	Product Distribution (page 57)
■ AutoCAD Architecture 2008	Product Activation and Removal (page 63)
■ Autodesk Inventor Professional 2008	
■ AutoCAD Electrical 2008	
■ AutoCAD Map 3D 2008	
■ AutoCAD Civil 3D 2008 (includes Land Desktop Companion 2008)	
■ AutoCAD Raster Design 2008	

■ Revit Architecture 2008	Network Licensing Quickstart (page 21)
■ Revit Structure 2008	Product Distribution (page 57)
■ AutoCAD Revit MEP Suite 2008	Product Activation and Removal (page 63)

You request a change to the licensing you've purchased by contacting your Academic Value Added Reseller. You can change from multi-seat stand-alone licensing to network licensing and you can also increase the number of seats for your existing license.

Stand-Alone License

Stand-alone licensed products differ from multi-seat stand-alone licensed products in that they must be installed directly from the product media. Registration of stand-alone products occurs the first time the application is launched and registration information must be entered manually during the registration process. In a classroom or lab environment there are two ways to handle these products.

- Move from system to system, installing on each from the product media.
- If the systems are networked, copy the product media to a shared folder on the primary server and then run the *setup.exe* file in the shared folder on the server from each satellite system.

The following table shows the products in your package that are only available as stand-alone licensed products and which chapters you should reference in order to install your facility.

Products that use Stand-Alone Licenses	Refer to These Chapters
■ Autodesk Productstream 2008	Stand-Alone Quickstart (page 51)
■ Autodesk Productstream Explorer 2008	Product Distribution (page 57)
■ Autodesk Design Review 2008 (included in the Autodesk Inventor Professional 2008)	Stand-Alone Quickstart (page 51) Product Distribution (page 57)

Review the System Requirements

Make sure that the systems on which you plan to install any of the Design Institute products meet the system requirements for each product being installed. If your systems do not meet the system requirements, problems can occur.

Each product has its own set of system requirements. System requirements can be accessed directly from the Installation Wizard of each product you plan to install or from www.autodesk.com.

All products included in Autodesk Design Institute 2008 with the exception of Autodesk Inventor 2008 are compatible with Microsoft Windows Vista™.

Understand Administrative Permissions

To install Design Institute products, you must have administrative privileges on each workstation where the products are to be installed. If you are unsure of your permission level, see your system administrator for more information.

Unsuccessful Installations

The installation process of many of the Design Institute products may stop if some applications (such as Microsoft® Outlook® or virus-checking programs) are running. Close all running applications and temporarily disable virus checking utilities.

TIP If you encounter any MSI errors during installation, further information can be found in the Autodesk Support Knowledge base or the Microsoft Support Knowledge base.

Deployment Plan

Before installing any products, you should have a good idea about how you're going to deploy products from your primary system to all the other systems in your facility.

You can use the Installation Wizard to create deployment images for each product and place those images in a shared folder you've created.

Another option for installing software on multiple systems is to use imaging software, such as Norton Ghost. Imaging software uses a master image of the primary system that you duplicate on all the workstations. If you are going to perform network or multi-seat stand-alone installations, you must set up a shared folder. The shared folder should be a network share and not part of the local workstation. Furthermore, it is strongly recommended that you have a clean system before installing any products.

Deployment methods are covered in the Product Distribution chapter (page 57).

Clean a Primary System and Restore the Operating System

If you have previously run Autodesk products on the primary system, the primary system should be properly cleaned before any master images are created.

- 1 Clean the hard drive, including the boot sector.

For example, if you use the Norton GDISK utility, use the following command; *gdisk 1 /diskwipe*.

Where *1* is the hard disk that is being wiped.

NOTE If you use imaging software other than Norton Ghost, make sure that it cleans the boot sector; otherwise, you will not be able to activate Autodesk products.

- 2 Use your restore CD or DVD or create a new partition and use the product media to install the operating system.

NOTE A clean system is one that has not had previous Autodesk software installed or run.

Consistent Personalization Data

It is very important that the personalization data (for example, your facility name and contact information) you supply when registering and activating your products is consistent across all Autodesk products that you install. When you register and activate products, you are required to enter information on the electronic registration (EREG) site. If you enter this data incorrectly or inconsistently, you can run into activation problems.

For example, Mr. J. Smith works at a school and has received his software. He decides to install AutoCAD on his personal system and activates the product using his personal information. He then gives the same AutoCAD package to a system administrator to install on the school's network. The system administrator attempts to register and activate the product using the school's personalization data. Since the software license has already been registered and activated by Mr. Smith, the software on the school's network cannot be registered and activated unless Mr. Smith's exact personalization data is re-used.

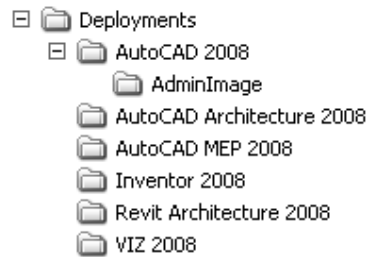
You can avoid this situation by always using the original personalization data. If you do not know your personalization data, you should contact your Academic Value Added Reseller or the Autodesk Business Center. Refer to Contact Information (page 74).

Create Shared Folders for Deployments

You use the deployments for both network license and multi-seat stand-alone methods of installation. They both require *shared folders*. A shared folder (*network share*) is a folder that you make available to users' computers over a

network. The shared folder is created before you create product deployments and is where product deployments are stored.

It is recommended that you name the network share folder *Deployments*. You can then add subfolders inside the shared *Deployments* folder that clearly convey the names of products you plan to deploy. For example:



Any subfolders that are placed inside a shared folder are automatically shared.

TIP You must have Full Control permissions set for your shared folder when you are creating your deployment images. Read permissions are necessary to access the network share and administrative permissions on the workstation where the program is deployed.

To create a shared folder

- 1 On a network server, create a folder named *Deployments*.
- 2 Right-click the *Deployments* folder. Click Sharing and Security (or Sharing).
- 3 In the Properties dialog box, Sharing tab, select Share This Folder.
- 4 Click the Permissions button. In the Permissions dialog box, make sure Full Control is active. Click OK.
This is important when creating your deployment images.
- 5 Click OK to close the Properties dialog box.
- 6 For each product you plan to install, create a subfolder in the *Deployments* folder. Name each folder with the pertinent product name.

Installation Support and Types

Before installing any products, you should know which products support creating deployments and the Network License Manager, and the types of installation options you can choose from.

Installation Support by Product

When installing a combination of Autodesk products on the same computer, it's beneficial to know which products can be installed through deployments created through the Installation Wizard and which products support the Network License Manager. The following table lists the products categorized by discipline and if they support deployments created through the Installation Wizard, and Network License Manager

Products	Supports Deployment Creation	Supports the Network License Manager
General Design & Drafting Discipline		
AutoCAD 2008	Yes	Yes
Visualization		
Autodesk VIZ 2008	Yes	Yes
Building Design Discipline		
AutoCAD Architecture 2008	Yes	Yes
Revit Architecture 2008	Yes	Yes
Revit Structure 2008	Yes	Yes
AutoCAD Revit MEP Suite 2008	Yes	Yes

Products	Supports Deployment Creation	Supports the Network License Manager
Manufacturing Design Discipline		
Autodesk Inventor Professional 2008	Yes	Yes
AutoCAD Electrical 2008	Yes	Yes
Autodesk Productstream 2008	Yes	No
Autodesk Productstream Explorer 2008	No	No
Infrastructure Design Discipline		
AutoCAD Map 3D 2008	Yes	Yes
AutoCAD Civil 3D 2008 (includes Land Desktop Companion 2008)	Yes	Yes
AutoCAD Raster Design 2008	Yes	Yes

Installation Types

The type of licensing you've purchased often dictates what type of installation method you'll use. For products that allow you to create deployments, you will be prompted to specify one of the following installation types.

Network Licensed Installation

If you have a network license you'll use this type of installation. You install the program to workstations with the files and registry entries that allow the program to communicate with the Network License Manager. You also define the location of the Network License Manager so that the licenses can be accessed.

The main advantage is that you can install products on more systems than the number of licenses you have purchased. For example, purchasing 25 licenses but installing on 40 workstations. At any one time, products will run on the maximum number of systems for which you have licenses. This means you get a true floating license.

Stand-Alone Installation (Multi-Seat Stand-Alone)

The concept of multi-seat stand-alone installation is a variation of the stand-alone installation. Multi-seat stand-alone installations do not rely upon a network license manager to manage product licenses, however, you can still use the Installation Wizard to create administrative images and deployment shortcuts.

Stand-Alone Installation (Stand-Alone)

A stand-alone installation differs from a multi-seat stand-alone primarily in that stand-alone products require you to install, register, and activate each program individually on each workstation while the multi-seat stand-alone installation is more automated. In order to install stand-alone products, you have to move from system to system, installing from the product media.

Installation Quickstarts Overview

The quickstart procedures are set up to give you efficient, step-by-step instructions for installing at your facility. They cover what is necessary to successfully install network licensed, multi-seat stand-alone licensed, and stand-alone licensed products.

3

In this chapter

- Summary of Quickstarts

Summary of Quickstarts

The purpose of each quickstart is to guide you through and expedite the installation process of any of the products that are included with Autodesk Design Institute 2008.

NOTE Keep in mind that the installation panels shown in the quickstarts may differ from product to product. Where differences occur, review the options on the panel and proceed or consult the product documentation for specifics.

Network Licensing Quickstart

The Network Licensing Quickstart describes the installation and use of the Network License Manager and the Network License Activation Utility. It also describes how to configure a license server and manually obtain an activation code.

Use the Network Licensing Quickstart if you have network licenses for the following products:

Products

- AutoCAD 2008
- Autodesk VIZ 2008
- AutoCAD Architecture 2008
- Revit Architecture 2008
- Revit Structure 2008
- AutoCAD Revit MEP Suite 2008
- Autodesk Inventor Professional 2008
- AutoCAD Electrical 2008
- AutoCAD Map 3D 2008
- AutoCAD Civil 3D 2008
- AutoCAD Raster Design 2008

Create Deployments Quickstart

Most AutoCAD-based products require that you create a deployment in order to perform multi-seat stand-alone installations. This quickstart steps you

through using the Installation Wizard to create deployment images for the products you need installed.

Use the Create Deployments Quickstart chapter to create deployment images for the following products:

Products

- AutoCAD 2008
- Autodesk VIZ 2008
- AutoCAD Architecture 2008
- Revit Architecture 2008
- Revit Structure 2008
- AutoCAD Revit MEP Suite 2008
- Autodesk Inventor Professional 2008
- AutoCAD Electrical 2008
- Autodesk Productstream 2008
- AutoCAD Map 3D 2008
- AutoCAD Civil 3D 2008
- AutoCAD Raster Design 2008

Stand-Alone Quickstart

The Stand-Alone Product Quickstart describes the procedure used for products where you can perform stand-alone installations.

Use the Stand-Alone Quickstart and pertinent procedures to install the following products:

Product	Procedure to follow
■ Autodesk Design Review 2008 (included on the Autodesk Inventor Professional 2008 product media)	Stand-Alone Products
■ Autodesk Productstream 2008	
■ Autodesk Productstream Explorer 2008	

Network Licensing Quickstart

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If you plan to install your products on a network use the Network License Manager and the Network License Activation Utility.

The Network License Manager determines whether a license is granted or denied to an application that is requesting a license. If a license is available that application starts and a license is checked out. If a license is not available, the application will not start and you will not be able to run the application until a license is returned to the license manager.

The Network License Activation Utility helps you activate and register the network license manager over the Internet.

If you are not familiar with network licensing, please read the entire *AutoCAD 2008 Network Licensing Guide* for further details before you attempt to set up a network license server.

In this chapter

- Install the Network License Manager
- Install the Network License Activation Utility
- Run the Network License Activation Utility (online request)
- Run the Network License Activation Utility (offline request)
- Configure a License Manager
- Licensing Multiple Products

The Network License Manager is used in conjunction with the Installation Wizard. You can use the Network License Manager with the following products:

Product

- AutoCAD 2008
- Autodesk VIZ 2008
- AutoCAD Architecture 2008
- Revit Architecture 2008
- Revit Structure 2008
- AutoCAD Revit MEP Suite 2008
(Includes AutoCAD MEP and Revit MEP)
- Autodesk Inventor Professional 2008
(includes AutoCAD Mechanical 2008, Autodesk Inventor 2008, Autodesk Vault 2008, and Autodesk Design Review)
- AutoCAD Electrical 2008
- AutoCAD Map 3D 2008

Product

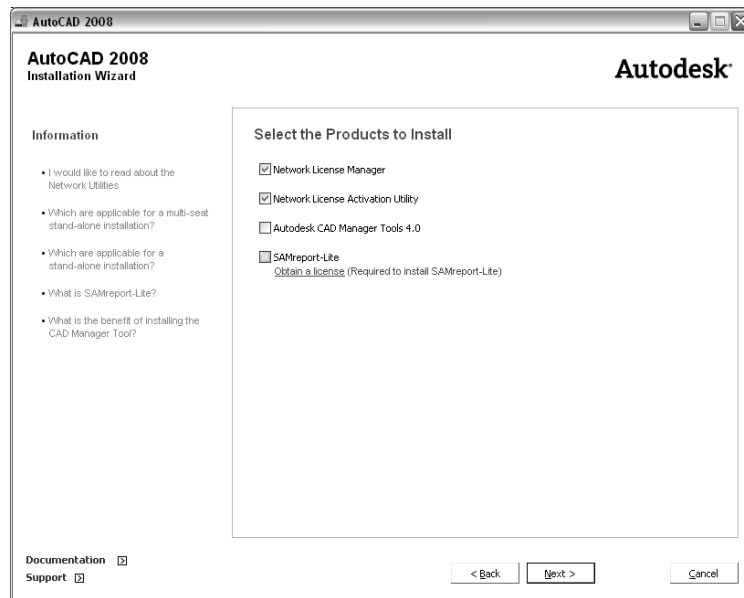
- AutoCAD Civil 3D 2008 (includes Land Desktop Companion 2008)
 - AutoCAD Raster Design 2008
-

Install the Network License Manager

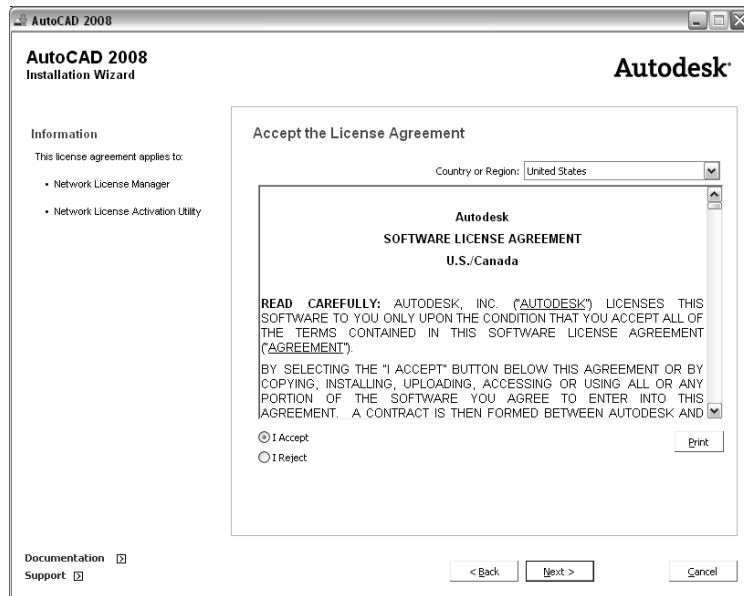
The Network License Manager is used to configure and manage the license servers.

NOTE You need to use the 2008-based version of the Network License Manager.

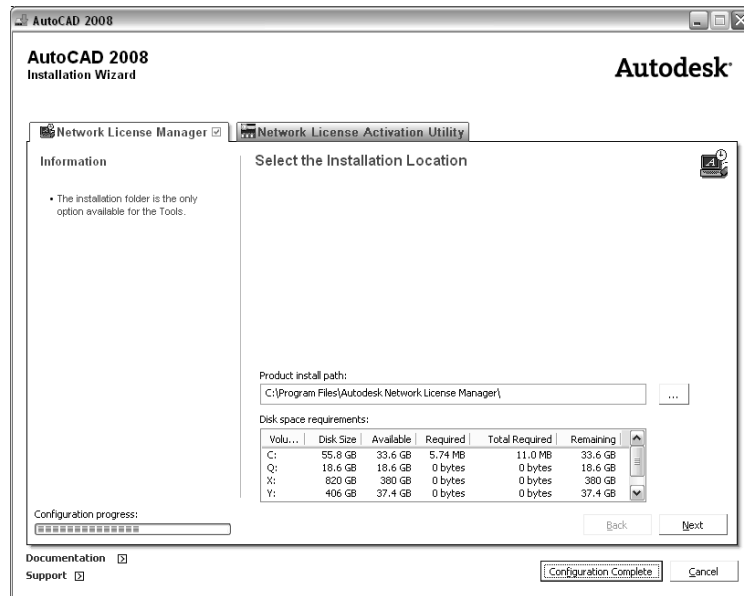
- 1 Insert the Autodesk product media in the media drive of the computer where you want to install the Network License Manager.
- 2 In the Autodesk Installation Wizard, click Install Tools and Utilities.
- 3 On the Welcome to the Autodesk Installation Wizard page, click Next.
- 4 On the Select the Products to Install page, make sure Network License Manager is selected and click Next.



- 5 Review the Autodesk software license agreement for your country or region. You must accept this agreement to proceed with the installation. Choose your country or region, click I Accept, and then click Next.



- 6 On the Review - Configure - Install page, click Configure.
- 7 Click the Network License Manager tab, if multiple product were selected in step 3.
- 8 On the Select the Installation Location page, either accept the default installation path (*C:\Program Files\Autodesk Network License Manager*) or click [...] to specify a different path. If you enter a path that does not exist, a new folder is created using the name and location you provide. Click Configuration Complete.



WARNING Do not install the Network License Manager on a remote drive. When you install the Network License Manager files, you must provide a path to a local drive. You must specify the drive letter; the universal naming convention (UNC) is not supported.

- 9 Once returned to the Review - Configure - Install page, click Install to begin installing the Network License Manager and any other selected tools and utilities.
- 10 When the Installation Complete page displays, click Finish.

Install the Network License Activation Utility

With the Network License Activation utility, you can obtain licenses over the Internet, which saves time and effort in setting up a network-licensed version of the program. In addition, you can register your product, get automated support by email if you cannot obtain a license over the Internet, and save and migrate license files automatically.

Each product has its own Network License Activation utility that must be used to obtain a license for that specific product. The Network License Activation utility is installed from the product media.

- 1 In the Autodesk Installation Wizard, click Install Tools and Utilities.
- 2 On the Welcome to the Autodesk Installation Wizard page, click Next.
- 3 On the Select the Products to Install page, make sure Network License Activation Utility is selected and click Next.

NOTE If the Network License Activation Utility for another Autodesk product is already installed, you may be prompted to repair or remove it. Remove the existing utility, and then install the Network License Activation utility for the product you are activating.

- 4 Review the Autodesk software license agreement for your country or region. You must accept this agreement to proceed with the installation. Choose your country or region, click I Accept, and then click Next.

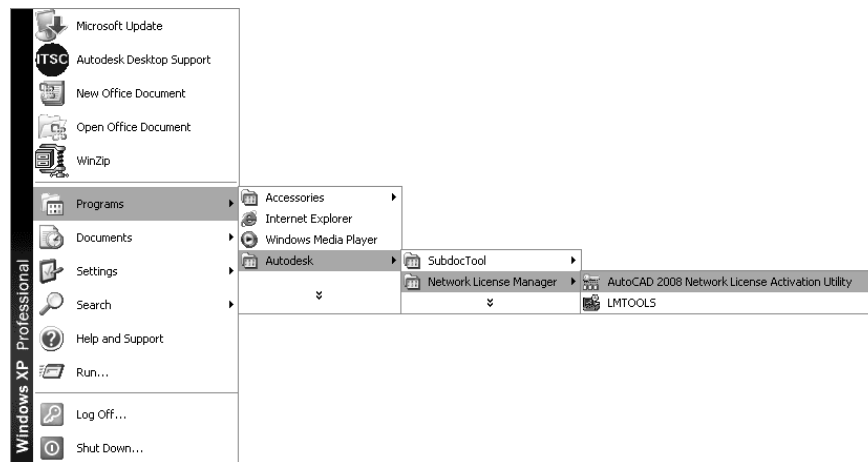
NOTE If you do not agree to the terms of the license and wish to terminate the installation, click Cancel.

- 5 On the Review - Configure - Install page, click Configure.
- 6 Click the Network License Activation Utility tab, if multiple product were selected in step 3.
- 7 On the Select the Installation Location page, either accept the default installation path (*C:\Program Files\Autodesk Network License Manager\Network License Activation Utility\enu*) or click [...] to specify a different path. If you enter a path that does not exist, a new folder is created using the name and location you provide. Click Configuration Complete.
- 8 Once returned to the Review - Configure - Install page, click Install to begin installing the Network License Activation Utility and any other selected tools and utilities.
- 9 When the Installation Complete page displays, click Finish.

Run the Network License Activation Utility (online request)

After installing the Network License Activation Utility, you can use the utility to activate your product.

- 1 On the Start menu (Windows), click All Programs (or Programs) ► Autodesk ► Network License Manager ► (Product Name) Network License Activation Utility.



- 2 On the Obtain a Network License page, make sure Direct Connect (over the Internet) is active, and then click Next.
- 3 On the Server Information page, enter the following data:
 - The product serial number or Group ID

NOTE If you are modifying an existing license file or obtaining a new license for an existing product, your previously entered information might be displayed. Make sure that the serial number that is displayed is the one you want to license. If it is not, enter the correct product serial number.

- The license server model
For more information about each license server model, click the ? button.
- The server host name

If you don't know the host name, click the [...] button to locate the name of each server you plan to use.

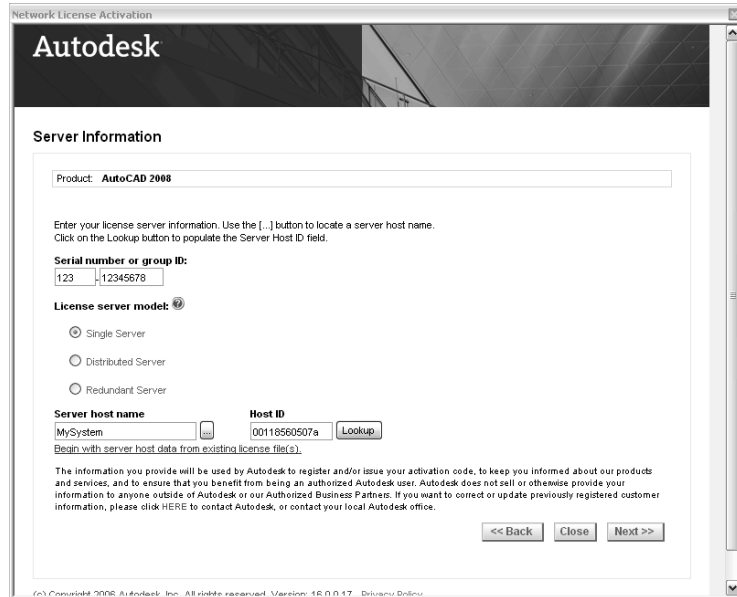
NOTE In a Distributed server model, you are limited to a maximum of 20 servers. Once the 20 server limit has been reached, the Add button disappears.

- The host ID, for each server host name you entered
If you cannot find the host ID, click Lookup to have the utility automatically locate the host ID for the server(s).
Your system(s) server host name and host ID is in the same location that the network license manager is installed. The host ID is also known as the Ethernet address, MAC address, or physical address. It is not the IP address. You can obtain the host name and host ID by running Start menu > Programs > Autodesk > Network License Manager > LMTTOOLS on the computer where the network license manager is installed. The information is found on the System Settings tab under Host name and Ethernet address.

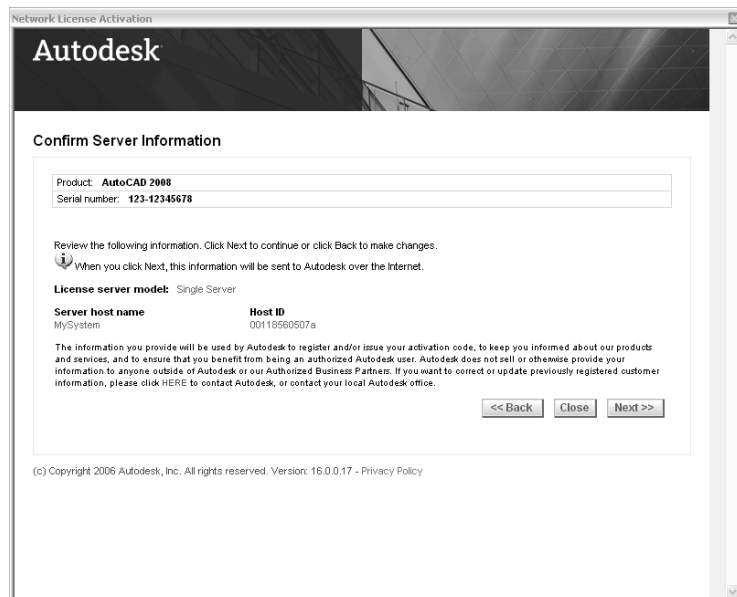
NOTE If your server has more than one network adapter, select the one that corresponds to a physical network adapter. To determine which adapters are physical, enter `ipconfig /all` at a Windows command prompt and view the Description field above each physical address. If there is more than one physical network adapter, you can use any one of them, as long as it was listed when you ran `ipconfig /all`. Logical devices such as VPN adapters, PPP adapters, and modems may be listed but are not usable for licensing.

- The number of seats for each license server
If you choose a Distributed server model, the Seats box is displayed. Enter the number of seats for each license server.

Click Next.



- 4 On the Confirm Server Information page, review the server information you entered, and click Next.



- 5 On the License(s) Received page, in the Save License File for [*computer name*] field, enter the location where you want to save your license file, or click Browse to navigate to the location.

NOTE It is recommended that you save your license file to the location where you installed the Network License Manager.

The content of this page will differ depending on which server model you selected.

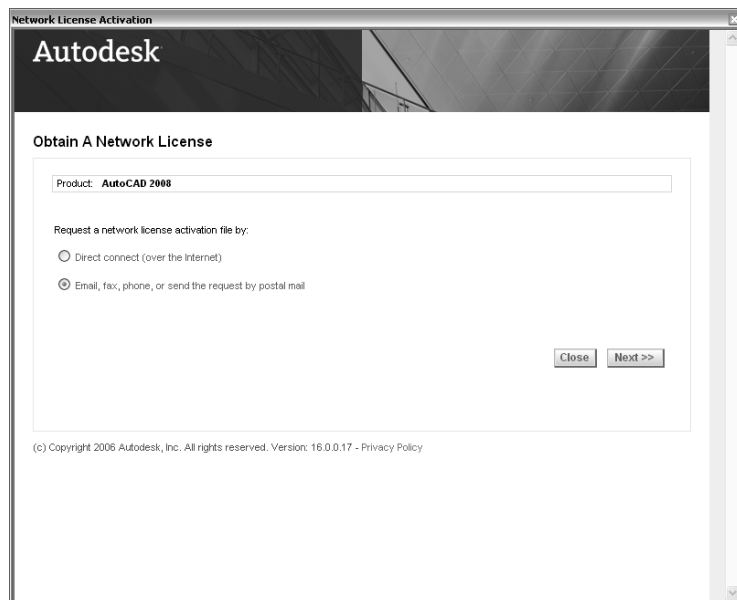
Click Next.

- 6 On the License Activation Successful page, click Print to save a printed copy of the license information, or click Done to complete the transaction and exit the Network Activation utility.

Run the Network License Activation Utility (offline request)

Some customers prefer to obtain the license file for the network license manager without using the Network License Activation utility.

- 1 On the Start menu (Windows), click All Programs (or Programs) ► Autodesk ► Network License Manager ► (Product Name) Network License Activation Utility.
- 2 On the Obtain a Network License page, make sure Email, fax, phone or send the request by postal mail is active, and then click Next.



3 On the Server Information page, enter the following data:

- The product serial number or Group ID

NOTE If you are modifying an existing license file or obtaining a new license for an existing product, your previously entered information might be displayed. Make sure that the serial number that is displayed is the one you want to license. If it is not, enter the correct product serial number.

- The license server model
For more information about each license server model, click the ? button.
- The server host name
If you don't know the host name, click the [...] button to locate the name of each server you plan to use.

NOTE In a Distributed server model, you are limited to a maximum of 20 servers. Once the 20 server limit has been reached, the Add button disappears.

- The host ID, for each server host name you entered

If you cannot find the host ID, click Lookup to have the utility automatically locate the host ID for the server(s).

Your system(s) server host name and host ID is in the same location that the network license manager is installed. The host ID is also known as the Ethernet address, MAC address, or physical address. It is not the IP address. You can obtain the host name and host ID by running Start menu > Programs > Autodesk > Network License Manager > LMTOOLS on the computer where the network license manager is installed. The information is found on the System Settings tab under Host name and Ethernet address.

NOTE If your server has more than one network adapter, select the one that corresponds to a physical network adapter. To determine which adapters are physical, enter `ipconfig /all` at a Windows command prompt and view the Description field above each physical address. If there is more than one physical network adapter, you can use any one of them, as long as it was listed when you ran `ipconfig /all`. Logical devices such as VPN adapters, PPP adapters, and modems may be listed but are not usable for licensing.

- The number of seats for each license server
If you choose a Distributed server model, the Seats box is displayed. Enter the number of seats for each license server.

Click Next.

- 4 On the Confirm Server Information page, review the server information you entered, and click Next.
- 5 On the Product Registration page, do all of the following:
 - Choose whether the product will be registered to the Company or Individual.
 - Select your country or region of residence.
 - Specify whether this is a product upgrade.

Click Next.

- 6 Enter your personalization data on the Customer Information page and choose how you'd like to receive your activation code. Click Next.

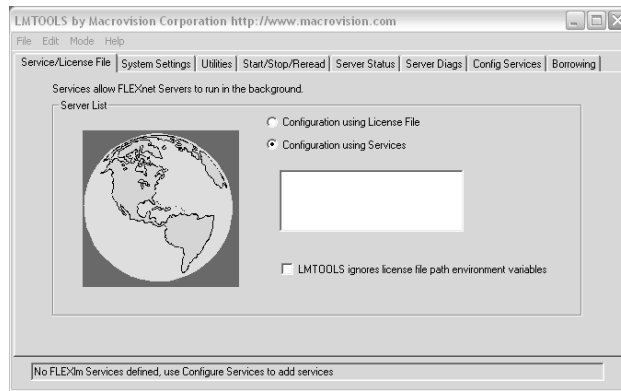
- 7 Review your personalization data on the Confirm Information page and choose the method you'll use to submit your request.
 - If you submit your request by email, you will be sent your activation code by the method you specified on the Customer Information page.
 - If you submit your request by fax, phone, or postal mail, the Contact Autodesk page is displayed containing the Autodesk fax number, phone number and mailing address. You can also print your activation request form.
- 8 Click Close.

Configure a License Manager

You configure a license manager so that you can manage the Autodesk product licenses you received when you ran the Network License Activation utility. Configure the license server with the *lmttools.exe* utility.

You should be logged in with Administrator rights when working with the LMTOOLS utility.

- 1 Do one of the following:
 - On Windows XP & 2000 click Start menu ► All Programs (or Programs) ► Autodesk ► Network License Manager ► LMTOOLS.
 - On Windows Vista, right-click the LMTOOLS icon on the desktop and choose Run As Administrator.
- 2 In the Lmtools program, on the Service/License File tab, make sure the Configuration using Services option is active.

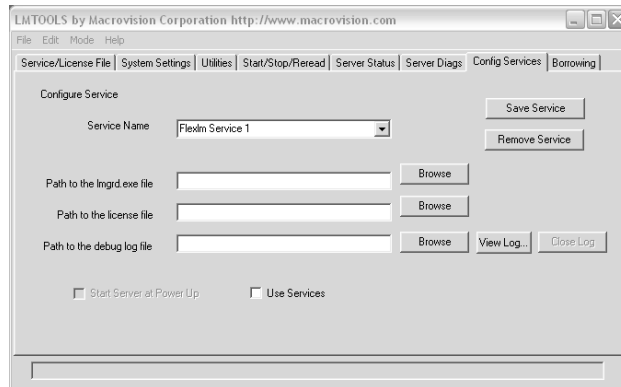


3 Click the Config Services tab.

4 In the Service Name list, do one of the following:

- If a service name is selected, verify that it is the one you want to use to manage licenses.
- If no service name exists, enter the service name you want to use to manage licenses.

By default, the service name is *Flexlm Service 1*. Your service name may be different.



NOTE If you have more than one software vendor using FLEXlm® for license management, the Service Name list contains more than one option. Make sure that only one Autodesk service is listed.

- 5 In the Path to *Lmgrd.exe* File field, enter the path to the Network License Manager daemon (*lmgrd.exe*), or click Browse to locate the file.

By default, this daemon is installed in the `\Program Files\Autodesk Network License Manager` folder.

In the Path to the License File box, enter the path to your license file, or click Browse to locate the file.

This is the path to the license file obtained by the Network License Activation utility or the location where you placed the license file if you obtained it offline.

In the Path to the Debug Log File box, enter a path to create a debug log, or click Browse to locate an existing log file.

It is recommended that you save to the `\Program Files\Autodesk Network License Manager` folder. The log file must have a `.log` file extension. For new log files, you must enter the `.log` extension manually.

- 6 To run *lmgrd.exe* as a service, select Use Services.
- 7 To automatically start *lmgrd.exe* when the system starts, select Start Server at Power Up.
- 8 Click Save Service to save the new configuration under the service name you selected in step 4. Click Yes when prompted if you would like to save the settings to the service.
- 9 Click the Start/Stop/Reread tab and do one of the following:
 - If a service has not yet been defined for Autodesk and running, click Start Server to start the license server.
 - If a service for Autodesk is already defined and running, click ReRead License File to refresh the Network License Manager with any changes made to the license file or Options file.
The license server starts running and is ready to respond to client requests.
- 10 Close *lmtools.exe*.

Licensing Multiple Products

In order to activate each network licensed product you install, it is issued its own license file by Autodesk. You can manage license files for more than one Autodesk product by combining license files. To combine multiple license

files for Autodesk products, you must add lines from the new license file to the existing license file.

Before you begin combining licenses, backup your existing LIC file and stop the license server. Stopping the server will ensure you have a cleaner update.

NOTE Do not configure a separate service for the new Autodesk product.

- 1 Open an ASCII text editor, such as Microsoft Notepad.
Do not use a word processor because it will add extra data to the license file that will make the license invalid.
- 2 Open your AutoCAD 2008 license file.
- 3 Next, open one of your other license file in a separate Notepad session.
- 4 In license file, select all the text starting at the line beginning with 'INCREMENT'.
- 5 Copy the text and paste into the AutoCAD 2008 license file.

The resulting file should look like this.

```
SERVER Server1 1a34567c90d2
USE_SERVER
VENDOR adskflex port=2080
INCREMENT 42600ACD_2004_OF adskflex 1.000 permanent 3 \
  VENDOR_STRING=commercial:permanent BORROW=4320 SUPERSEDE \
  DUP_GROUP=UH ISSUED=22-jun-2003 SN=123-12345678 SIGN=6E88EFA8D44C \

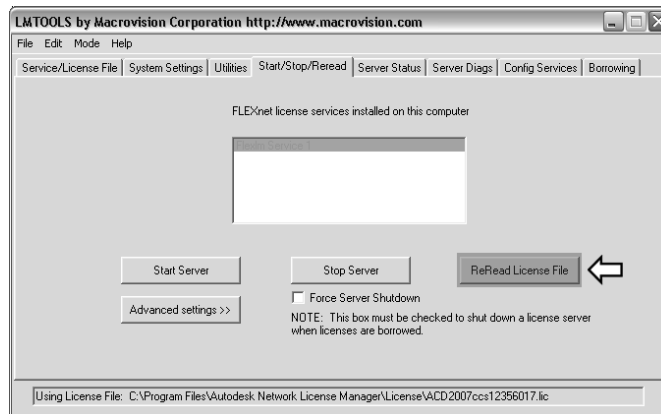
INCREMENT 54600ACD_2008_OF adskflex 1.000 permanent 5 \
  VENDOR_STRING=commercial:permanent BORROW=4320 SUPERSEDE \
  DUP_GROUP=UH ISSUED=09-Jan-2007 SN=123-12345678 SIGN="0247 \
  45D6 87C4 27A5 7F9E F24A ED3D 61E4 6B3B CC5C AD77 B865 9EA8 \
  3D62 0792 0F67 19E7 57E7 FAFA A48B D582 335A EC16 1FE5 B70D \
  76AB 6488 61CC DE5E F5B7" SIGN2="09FD 0850 7CF1 F447 9F05 9FA3 \
  2A0A 38D6 83FC 1746 F3F5 5A72 6250 E002 DE0B 0E6E F88C AC95 \
  136F 87F2 A945 E4C4 A97F 44B5 74EE 83F3 3F3E 1579 B981 8994"

INCREMENT 51700MAP_2008_OF adskflex 1.000 permanent 5 \
  VENDOR_STRING=commercial:permanent BORROW=4320 SUPERSEDE \
  DUP_GROUP=UH ISSUED=09-Jan-2007 SN=123-12345678 SIGN="1707 \
  9EAC CBCB 2405 692E 4A89 FC45 C009 E360 944A 14BA E99C 9B24 \
  5A1B 4A44 083A BE5F 3827 AA26 30CC 2AC2 D6B3 A61B AB5E 492E \
  3EBD 0B48 4E75 193A DA82" SIGN2="004A FC90 AB47 3F6B 59BC \
  6681 6971 A76A BA52 98E2 5671 26B3 0E78 791B 109F 0591 7DC3 \
  F09F 4D8D 4FB7 E341 4A03 CD68 1D77 27F8 8555 9CF7 DEDD 9380"
```

When combining additional licenses for the same Autodesk product, you must obtain a new license file for the total number of licenses with that feature code, not just the new ones. For example, do not combine two different AutoCAD 2008 license files into one file. Obtain one new license file that contains the required total number of AutoCAD 2008 licenses.

NOTE If a server has more than one network adapter installed, all of the Autodesk products should be bound to the same adapter.

- 6 Once the license files are combined, open LMTOOLS and click the Start/Stop/Reread tab.
- 7 Click on the Server Status tab and check the status of the server to make sure it's running.
- 8 Click on the Start/Stop/Reread tab. Click the Reread License File button to make the changes to the license file have taken effect.



- 9 Close *lmtools.exe*.

Create Deployments Quickstart

Network deployments require careful planning and execution. This section gives you quick, step-by-step instructions about how to use the Installation Wizard to create deployments which can then be used to distribute the program.

See Installation Support and Types (page 14) for a list of those products that allow you to create deployments through the Installation Wizard.

5

In this chapter

- Use the Installation Wizard to Set Up a Deployment

Use the Installation Wizard to Set Up a Deployment

The deployment process is initiated from the Installation Wizard. After deployments are created, you can install the program on the computers in your facility. You make choices during the deployment process to create various client deployment images and deployment types that meet user requirements and facility needs.

The deployment process lets you do any of the following:

- Create a deployment.
- Apply a patch to a deployment.
- Add customized files to a deployment.
- Change search paths and file locations.

Creating a Deployment

Once you have started the Installation Wizard, you can initiate the deployment process to set up a deployment.

NOTE Because the deployment process provides you with numerous options for creating and customizing your deployments, there are many deployment pages you need to complete and choices you must make. You should set aside ample time to complete the deployment process in one sitting.

To create a deployment

- 1 Insert the product media into the media drive.
- 2 In the Installation Wizard, click Create Deployments.



- 3 On the Welcome page, click Next.

- 4 On the Begin Deployment page, enter a deployment location or click the [...] button to browse your drive for a location. In the Specify the Deployment Name field, enter the deployment name. This is the name of the shortcut your users will access to install the product. To prevent users from changing your installation settings when they install the product, select Client Installations Will Be Run in Silent Mode.

NOTE The deployment location should be a shared network folder. To create a shared folder, see [Create Shared Folders for Deployments](#) (page 12).

Begin Deployment

Specify the deployment location:

Specify the deployment name:

Client installations will be run in silent mode.

- 5 Click Next.
- 6 On the Products to Install page, make sure the required products are checked, and click Next.
- 7 Review the Autodesk software license agreement for your country or region. You must accept this agreement to proceed with the installation. Choose your country or region, click I accept, and then click Next
- 8 On the Personalize the Products page, enter the requested data.

NOTE Although it is required that you enter information in each box on this page, you can enter any information that you want to convey to users who install the deployment.

- 9 Enter your product serial number. The product serial number is located on the product packaging. The serial number has a three-digit prefix followed by an eight-digit number.



Personalize the Products

* indicates a required field

*First name:

*Last name:

*Organization:

* Serial number/Group ID:

- 10 Click Next.
- 11 On the Write to Log page, select the Create network log check box. Enter the name of the folder where you want the network log to be located. Select the Create Client Log option.



Write to Log

Create network log

Directory where the log is written:

Create client log

The client log is created in the "Temp" directory of each client workstation.

- 12 Click Next.
- 13 On the Review - Configure - Create Deployments page, click the Configure button.

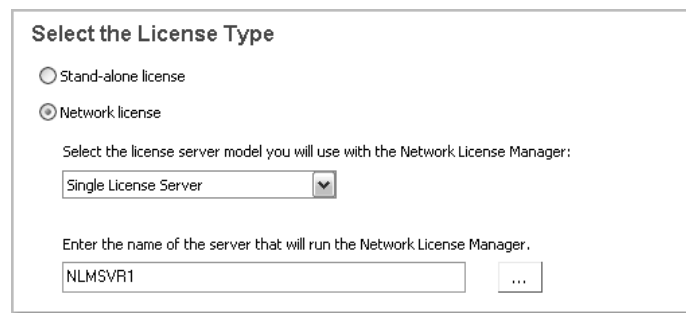
Review - Configure - Create Deployments

The basic information required to install the products has been provided by you and is shown in the box below. The remaining configurations are currently set to the default values; also shown below. If you would like to make configuration changes, select the appropriate product from the drop down list and click the Configure button.

Select a product to configure:

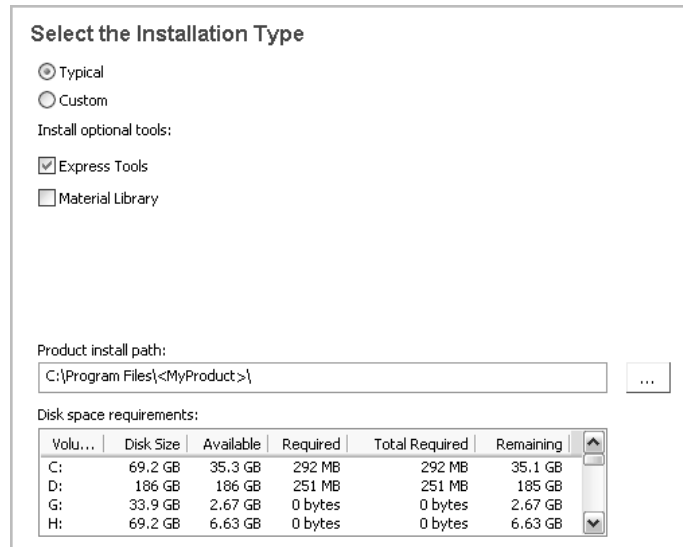


- 14** On the Select the License Type page, select the Network License option. You can choose from two installation types: Network or Stand-Alone. If you've purchased a network license for multiple seats of software, use the Network installation. If you've purchased multi-seat stand-alone licenses, use the Stand-Alone installation. Network Installation is the recommended method.
- 15** Select Single License Server as the License Server Model you will use with the Network License Manager. If you have already used the Network License Manager to create a license server model, you must select the same license server model in this step. If you have not yet used the Network License Manager to create a license server model, make sure that you select the same settings in the Network License Manager that you choose here.
- 16** Enter the server name of the server that will run the Network License Manager, or click the [...] button to locate the server.

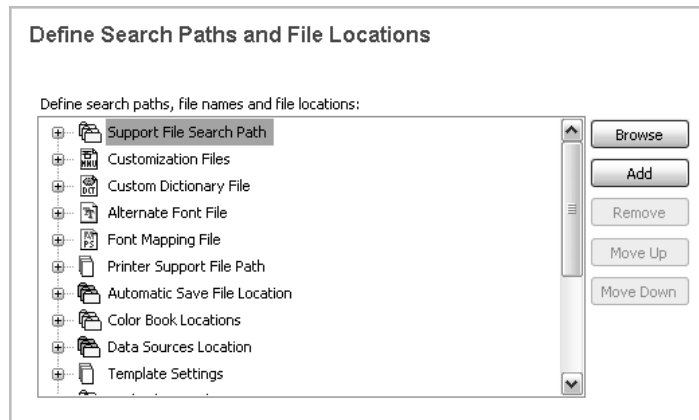


- 17** Click Next.
- 18** On the Select the Installation Type page, select the Typical option as the type of installation that you want. Clear the check box for the Express

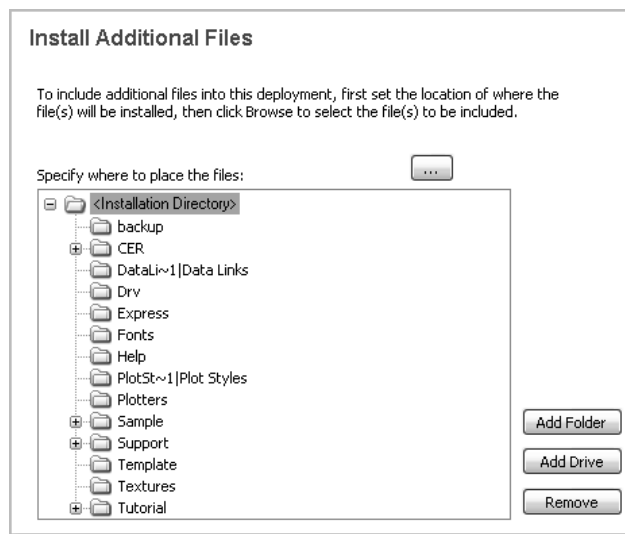
Tools option if you do not want to include the tools in this deployment. Express Tools are installed by default. If you want to install the Material Library, select the check box for the Material Library option.



- 19 Enter the path on the client workstation where you want to install the program, for example `C:\Program Files\product name`, or click the [...] button to specify the install location.
The Disk Space Requirements chart lets you review available drives and disk space.
- 20 Click Next.
- 21 On the Define Search Paths and File Locations page, accept the defaults and click Next.



22 On the Install Additional Files page click Next.



23 On the Specify User Preferences page, accept the defaults and click Next.

Specify User Preferences

Yes, I wish for Internet Explorer to be required for installations

Set the default profile name:

Choose a default text editor:

Create a desktop shortcut

Create custom desktop shortcuts:

Shortcut name	Shortcut parameters
<type shortcut name>	<type parameter>

- 24 On the Include Service Packs page you have the option to download any available service packs and include them with your deployment. Click Next.

Include Service Packs

If service packs are available for your product, you may download them from Autodesk and include them with the product's deployment.

To include service packs, you must extract and save the MSP file.

You will then use the browse button to locate the MSPs to be added into the service pack(s) list below.

Use the Remove button to remove selected service packs from the list.

Service packs included in this deployment:

Append the service packs onto the deployment.

Merge the service packs into the administrative image MSI file.

- 25 On the Configure InfoCenter Communication Center page, the Configure InfoCenter Search Results page, and the Configure Access to Online Resources page, accept the defaults.

Configure InfoCenter Communication Center

Communication Center Panel

Enable live updates

Receive Live Updates from Autodesk

Local patch list location:

...

Enable Information Channels

Enable CAD Manager Channel

Feed location:

\\server\feed\myfeed.xml

Display name:

CAD Manager Channel

Enable RSS feeds

Allow user to add RSS feeds

Configure InfoCenter Search Results

Allow user to customize search locations

Configure Access to Online Resources

Specify the ability to access online tools:

Enable DesignCenter(DC) Online

Allow access to Subscription Center from within the Autodesk product (recommended)

Specify the Customer Error Reporting (CER) settings:

Allow users to receive notifications of resolution

Include computer name in error reports

Specify the Customer Involvement Program settings:

Allow users to choose to participate in the Customer Involvement Program(recommended)

- 26 On the Configuration Complete page, click the Configuration Complete button.

NOTE If you are deploying more than one product, select the next product tab at the top of the page to create the next deployment.

Final Review and Complete Setup

To complete your deployment setup, confirm the settings you selected.

- 1 On the Review - Configure - Create Deployments page, scroll the list of current settings and verify your installation selections.

Review - Configure - Create Deployments

The basic information required to install the products has been provided by you and is shown in the box below. The remaining configurations are currently set to the default values; also shown below. If you would like to make configuration changes, select the appropriate product from the drop down list and click the Configure button.

Select a product to configure:

<MyProduct> [v] Configure

Current settings:

License type:	Network License
License server model:	Single Server License
Server name(s):	MyNetworkServer
Install type:	Typical
Express Tools	Yes
Material Library	No
Install location:	C:\Program Files\MyProgram\
Search paths/file locations:	
Additional files included:	
Default text editor:	Notepad
Silent installation:	Yes
Internet Explorer is required:	Yes
Default profile:	<<Unnamed Profile>>
Create a shortcut:	Yes
Custom shortcuts:	
Service packs applied:	

Print

- 2 Click the Configure button if you need to change any selections.
- 3 Click the Print button if you want a hardcopy of the installation information.
- 4 Click Create Deployment.
- 5 On the Deployment Complete page, click Finish.

You have created an Autodesk product deployment with precise options that are specific to your group of users. You can now use this deployment to install the program.

Stand-Alone Quickstart

6

Several products only allow for stand-alone installations. For those products, follow the Stand-Alone Products Quickstart.

The products covered in this chapter include the following:

Product	Quickstart to Use
Autodesk Productstream 2008	Stand-Alone Products
Autodesk Productstream Explorer 2008	Stand-Alone Products
Autodesk Design Review 2008 (included on the Autodesk Inventor Professional 2008 product media)	Stand-Alone Products

In this chapter

- Stand-Alone Products

Stand-Alone Products

Some products (for instance, Productstream Explorer 2008), do not support the deployment creation process and network license management. These products require manual installation on each computer in your facility.

- Using the product media, move from system to system installing the product.
- If the environment is networked, create a network share for the product and copy the contents of the media to the shared folder. From each satellite system, run the *setup.exe* file from the primary server.

NOTE Some installation panels may differ depending upon the product you're installing. Where differences occur, always follow the directions on installer panel.

To install products on each system

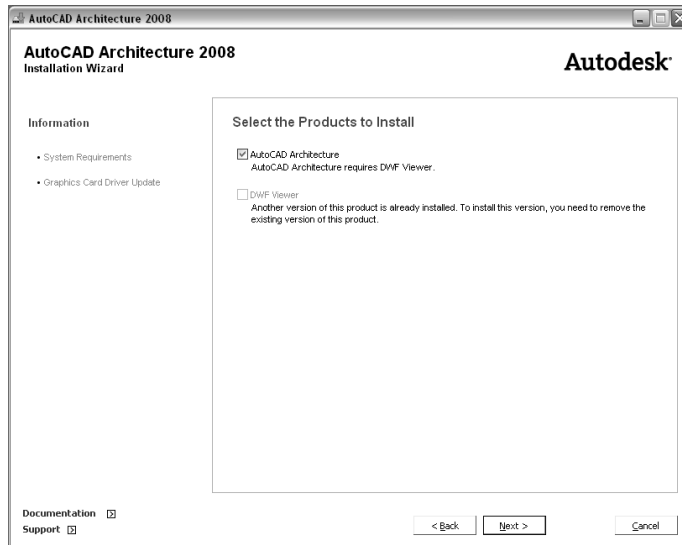
- 1 Insert the Autodesk product media into the media drive and click Install Products on the first screen that appears.

NOTE In this procedure, AutoCAD Architecture 2008 has been used as the example for a stand-alone installation.

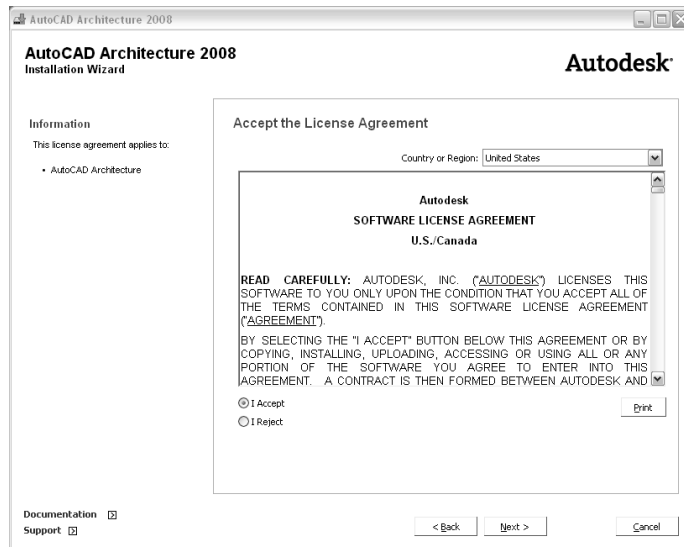
- 2 On the Welcome page of the Installation Wizard, click Next.



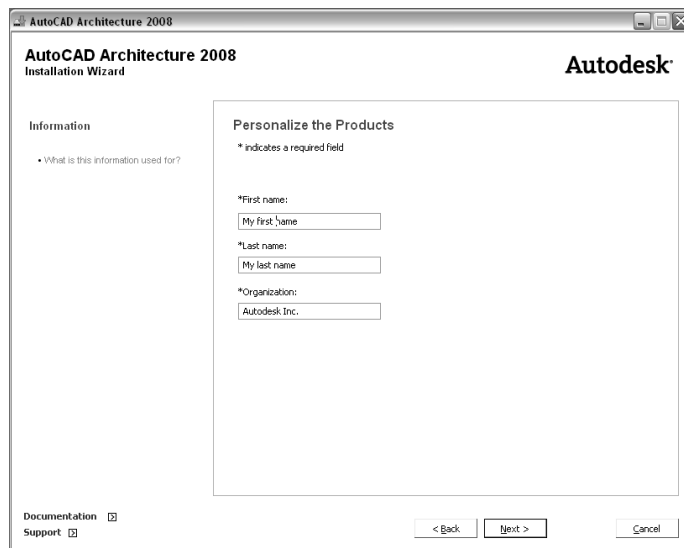
- 3 Select AutoCAD Architecture 2008 on the Select the Products to Install page if its not already selected, and then click Next.



- 4 Select I Accept on Accept the License Agreement page. Click Next.

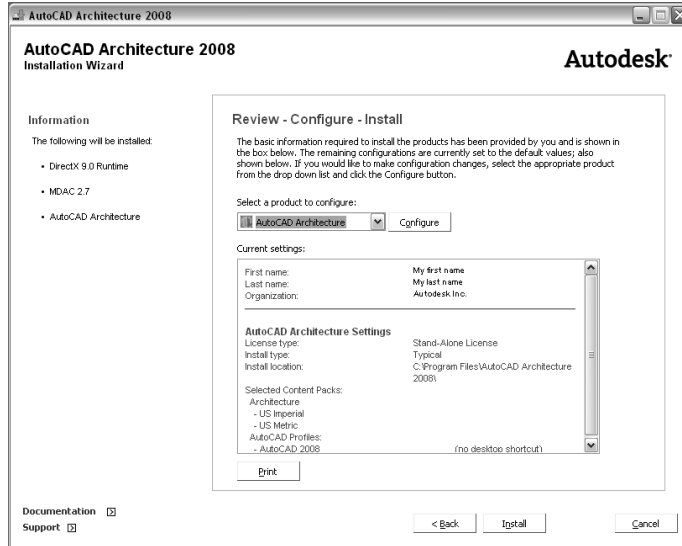


- 5 On the Personalize the Products page, fill out your personal or your institution's information, and then click Next.

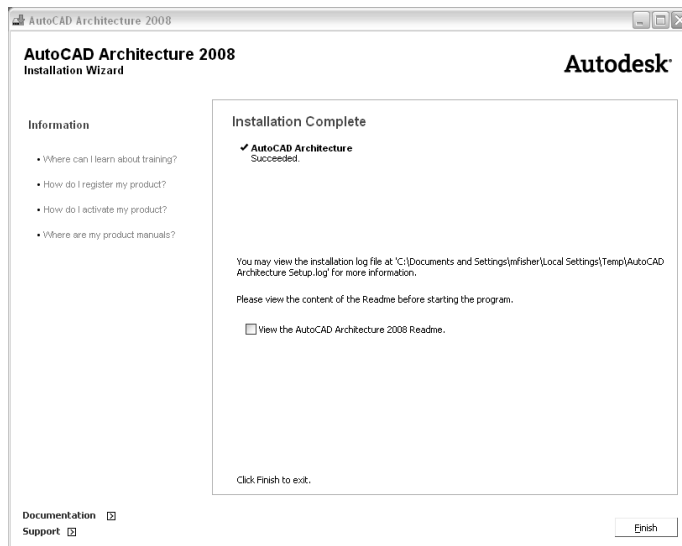


- 6 On the Review - Configure - Install panel, review the installation information or make any changes you wish to the install information. Note that you also have the choice to Print the information on this panel.

After you have reviewed the information, click Install.



7 When the installation is complete, click Finish.



NOTE Some programs may prompt you to restart your system. If you have more programs to install, complete those installations and then restart your system.

Product Distribution

7

Once products have been installed on the primary system, it's time to distribute the products throughout the classroom or lab. There are two common ways to do this

- Run the shortcuts contained within the deployments created by the Installation Wizard on each computer.
- Run the shortcut contained within the deployment created by the Installation Wizard and then use imaging software, such as Norton Ghost, to create a master image that can be replicated to additional computers.

In this chapter

- Installation by Deployments
- Distribution by Imaging Software

Installation by Deployments

After you've created all the administrative images of the products you need to install in your classroom or lab, you can begin the distribution process. You use the deployment shortcuts that were created by the Installation Wizard.

TIP You must have local administrative permissions on each system where you want to distribute Autodesk products.

Install Network-Deployed Products to a System

- 1 Log on to one of the systems in the classroom or lab.
- 2 Browse to where the shared folder (*Deployments*) resides.
- 3 Double-click the deployment shortcut icon to install the product.
- 4 Browse to the shared folder of the product you want to install.
- 5 Run the product before moving to the next system.
- 6 Move to the next system and repeat these steps.

Install Multi-Seat Stand-Alone Products to a System

- 1 Log on to one of the systems in the classroom or lab.
- 2 Browse to where the shared folder (*Deployments*) resides.
- 3 Double-click the deployment shortcut icon to install the product.
- 4 Browse to the shared folder of the product you plan to install.
- 5 Repeat this on each system in the classroom or lab.

Distribution by Imaging Software

Imaging software, such as Norton Ghost, is used to create a master image of a computer where Autodesk products have been installed. The master image is then replicated to other computers throughout your facility.

Using imaging software can result in the following situations:

- Conflicts with product licensing

■ Incomplete product installations

NOTE If you are experiencing licensing instability in a SATA RAID environment, using imaging software to distribute Autodesk products can cause product activation problems. You may receive an "Activation code limit exceeded" message if you attempt to activate products in a SATA RAID environment. Refer to System Issues.

Use a Master Image to Distribute Network Licensed Products to Multiple Systems

A master image can be used to distribute network licensed products to multiple systems in your classroom or lab environment.

- 1 Following the quickstarts for your network licensed product, create a network deployment for installing network applications.
- 2 Using the deployment shortcut that was created for the product, install the Autodesk product on the system to be imaged.
- 3 After the Autodesk product has been installed, use imaging software to create a master image of the system's hard drive.
- 4 Apply the master image to the other systems.
- 5 Run the product.

NOTE A license server must be running, and each system must be connected to the network in order to run the application.

Use a Master Image to Distribute Multi-Seat Stand-Alone Products to Multiple Systems

A master image can be used to distribute multi-seat stand-alone products to multiple systems in your classroom or lab environment.

NOTE When using Norton Ghost, you must use the *-ib* switch to include the boot sector in your master image. Consult your imaging software for more details on including the boot sector as part of the master image.

- 1 Following the quickstarts for your multi-seat stand-alone products, create a stand-alone deployment for installing multi-seat stand-alone products.

- 2 Using the deployment shortcut that was created for the product, install the Autodesk product on the system to be imaged.

NOTE If you anticipate the need to re-image computers, do not run or activate any products on the primary system until the master image has been created, distributed, and tested on at least one other system.

If you want to test an application, you can create a temporary master image. For example, create a test image after the multi-seat stand-alone application has been installed, but *not* run. After the test image is created, run the application. If the test is successful, restore the image so the system is returned to a state before the application was run.

- 3 After the Autodesk product has been installed, use imaging software to create a master image of the system's hard drive, including the boot sector.
- 4 Apply the master image to your first satellite system so you can test the master image.
- 5 Launch the products on the test system and activate them.
Initially, each product has a 30-day grace period. During that grace period, you must activate the products you want to continue using. Products on satellite systems are automatically activated as long as they are connected to the Internet. Satellite systems that are not connected to the Internet must be manually activated.
- 6 If the products on the test system operate correctly, distribute the master image to all the other satellite systems so you can run and activate the programs throughout the facility.

Restore Products Using the Master Image

Should you ever have to reinstall one or more of your products, it may prove expedient to restore them using the master image.

NOTE Before attempting this, make sure you have saved a copy of each system's Software Licenses folder to another system.

- 1 Exit the application. Do not run the application again until you have completed this procedure.
- 2 Open Windows Explorer and copy the Software Licenses folder from the appropriate path shown below to a location other than the drive that will be restored.

c:\Documents and Settings\All Users\Application Data\Autodesk\Software Licenses

- 3** Restore the master image.
- 4** Restore the Software Licenses folder (and Product Licenses folder, if appropriate) that you created in step 2 to its original location on that system.

Because the licensing folders were copied to a location other than the drive being restored, they were protected during the restoration process. Once the licensing folders are copied back the system they came from, the products can be run and no reactivation is necessary.

Product Activation and Removal

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Activation is software-based license management technology that allows customers who have purchased legitimate software licenses to run the Autodesk software. The technology is designed to deter casual copying and unauthorized use of Autodesk products.

In this chapter

- Overview of Activation
- Product Activation
- Product Removal

Overview of Activation

Activation is software-based license management technology that allows customers who have purchased legitimate software licenses to run the Autodesk software. The technology is designed to deter casual copying and unauthorized use of Autodesk products.

Activation verifies the validity of the serial number and the eligibility of the computers for which the software has been installed. You will find that product activation is a secure, process that does not change the way the software works for licensed users.

Product Activation

All Design Institute products are pre-configured as multi-seat stand-alone products. If you want to deploy your software on a network, you must call Autodesk Customer Service Center at 800-551-1490 to request that the Design Institute serial number be changed from multi-seat stand-alone to network. When ready, the Autodesk Customer Service Center can then provide you with your network activation code.

Since all educational products have pre-registered serial numbers, if you install products from a deployment they will be automatically activated when they first launch. If you install from the product media and you launch the product for the first time, you will be asked to activate, then enter your serial number. If everything is ok, your activation will be successful.

For multi-seat stand-alone products on a workstation, if you attempt to activate a product and you receive the activation dialog box with the message, “Do you want to launch the product or activate?” exit the product, and then restart it. Your product should already be activated. If you receive this message after relaunching and you have not activated the product before, you can manually activate the product. If the product fails to activate, this could indicate that the registration information does not match the registration information Autodesk has on record. If the product is not activated, follow the activation process again.

If you get locked out of online activation, you must call Autodesk Customer Service Center (800-551-1490) for your code.

If you have problems with the automated process or if you are activating products manually, you can use one of the following methods:

- By visiting <http://register.autodesk.com>

- By email: *authcodes@autodesk.com*
- By phone: 800-551-1490
- By fax: 800-225-6490

Product Removal

If you need to uninstall any of the Design Institute products, you should do so from the Add/Remove Programs utility in the Control Panel.

Education Curriculum

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The Autodesk Design Institute package includes Autodesk Education Curriculum Resources to help you teach Autodesk® software in the classroom-and jump-start your students' future with the industry-leading tools they need for success on the job. Use the Autodesk Education Curriculum to supplement your existing design or engineering curricula. Or use it as a complete, stand-alone resource for your most challenging architectural, mechanical engineering, or civil engineering design course.

To access the Autodesk Education Curriculum, visit www.autodesk.com/designinstitute

Troubleshooting Guide

This chapter contains a collection of solutions for common problems that you may encounter when managing the software in a classroom or lab environment.

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In this chapter

- Network Licensing Issues
- Deployment Issues
- Activation Issues
- Refresh Issues

Network Licensing Issues

This section outlines common issues and their solutions that may arise while working with network licensing.

Why is it a bad idea to use Microsoft Word to edit my .lic file? When you save a .lic file after editing it with a word processor, like Microsoft Word, extra data gets saved with the file. This results in an invalid .lic file. You should always use an ASCII text editor like Notepad to ensure that no extraneous data is saved with the file.

How can I get my network license manager to administer licenses for my 2007-based products as well as my 2008-based products? You can do this by first updating your network license manager most recent version. See the Install the Network License Manager section (page 24).

Then, follow the instructions for combining license files in the Licensing Multiple Products section (page 36).

Deployment Issues

This section outlines common issues and their solutions that may arise while creating or using deployments throughout your facility.

I deploy products in my facility by means of imaging software. However, I've had to run software on my system where I create the master image. How do I clean the system in preparation for creating a new master image? A procedure for cleaning your main system can be found in the Clean a Primary System and Restore the Operating System section (page 11).

TIP If the deployment process seems to be taking an excessive amount of time, you can perform a quick test. Copy the media directly to the server. If the amount of time is approximately the same as the deployment method then nothing is wrong with your server or the deployment. Deployments do require ample time due to the amount of software being loaded.

Activation Issues

This section outlines common issues and their solutions that may arise while activating products that you've installed at your facility.

Before I create my master image shouldn't I activate and run the applications? You should not run and activate stand-alone products if you anticipate re-imaging computers often, for example, once a month.

Refresh Issues

This section outlines common issues and their solutions that may arise when it is necessary to refresh the software at your facility.

I sometimes have to re-image our facility. Do I need to be concerned about breaking my software licenses? When you create your master image, you need to make sure you have a clean boot sector. If you're using Norton Ghost, this is done with the *-IB* switch.

If your going to re-image frequently, you need to be sure to backup your authorization data. You need to copy the license files to a different system and then copy them back after you restore the master image. This ensures that the application will run without re-activation. Refer to the Restore Products Using the Master Image section (page 60).

Contacts and Contents

This chapter contains contact information and an inventory of what you should have received with your package.

In this chapter

- Contact Information
- Product Contents

Contact Information

The information in this section is intended for the individual who administers the Autodesk Design Institute program at your institution.

Autodesk Contacts

The following table contains key contact information for Autodesk, the Autodesk Education team, Autodesk Customer Service, and the Design Institute program.

Contact	Description
<u>Autodesk, Inc.</u>	
Shipping Address	Autodesk, Inc. 45169 Industrial Drive Fremont, CA. 94538
Website	www.autodesk.com
Technical Support website	www.autodesk.com/support View a list of support resources; find valuable technical solutions.
<u>Autodesk Education Team</u>	
Mailing Address	Autodesk, Inc. Attn: Autodesk Education Team 111 McInnis Parkway San Rafael, CA. 94903
Website	www.autodesk.com/education
<u>Autodesk Customer Service</u>	
Design Institute activation codes	Activate your products online through the Register Today pages of the Installation Wizard, if you have access to that wizard.

Contact	Description
	<p>If you have problems with this online process, you can use the following contacts to register and activate products manually.</p> <ul style="list-style-type: none"> ■ Online: https://register.autodesk.com ■ By email: authcodes@autodesk.com ■ By phone: 800-551-1490 ■ By fax: 800-225-6490
Autodesk Business Center (ABC)	<p>800-538-6401 or edu.abc@autodesk.com Obtain a contract number, shipping information, a serial number, and a contract renewal date.</p>
Autodesk Design Institute	
Design Institute administrator website	<p>www.autodesk.com/designinstitute Log in with your serial number. Find out about program resources and subscription management.</p>
Design Institute Manager email address	<p>designinstitute.manager@autodesk.com Give feedback about Design Institute and obtain general program information.</p>
Technical Support	<p>800-225-1148 (9:00 a.m. to 8:00 p.m. Eastern time) Receive technical support for product installation and licensing.</p>
Latin America	
Activation	<p>Online: https://register.autodesk.com By email: authcodes@autodesk.com By phone: 800-551-1490 or 415-507-4690 By fax: 800-225-6490 or 415-507-4933</p>

Contact	Description
Technical Support	415-507-4810 (9 a.m. to 8:00 p.m. EST)
Autodesk Business Centers	USA phone: 415-507-4690 (Toll) Brazil phone: 0800-891-2663 Chile phone: 1230-020-2001 Colombia phone: 980-912-1311 Jamaica phone: 0800-551-1490 Mexico phone: 95-800-551-1490 USA fax: 415-507-4933 (Toll) Email: la.abc@autodesk.com

Autodesk Australia Pty Ltd.

Note: The contact information below only applies to Australia and New Zealand.

Shipping Address	Autodesk Australia Pty Ltd Level 5, Building C 11 Talavera Road North Ryde NSW 2113
Website	www.autodesk.com.au
Technical Support website	www.autodesk.com/support View a list of support resources; find valuable technical solutions.

Autodesk Education Team

Mailing Address	Same as shipping address (see above)
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Autodesk Customer Service

Activation codes	Activate your products online through the Register Today pages of the activation codes Installation Wizard, if you have access to that wizard. If you have problems with this online process, you can use the
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Contact	Description
	<p>following contact to register and activate products manually.</p> <ul style="list-style-type: none"> ■ <i>ap.register@activation.autodesk.com</i>
Autodesk Business Center (ABC)	<p><i>anz.enquiry@autodesk.com</i></p> <p>Obtain a contract number, shipping information, a serial number, and a contract renewal date.</p>

Product Contents

Your Autodesk Design Institute package contains the following:

- Design Institute Program Binder
- Welcome letter
- Autodesk Piracy Prevention brochure
- Prentice Hall brochure
- Autodesk Student Community brochure
- Autodesk VIZ flyer
- Design Institute license agreement
- *Design Institute Installation Guide* (this document)
- Design Institute product media
- Design Institute curriculum flyer

The following Autodesk product media are included with your Design Institute package. If you are missing any items, contact your Academic Value Added Reseller.

Design Institute 2008 Software	Number of Disks
AutoCAD® 2008	1 (DVD)

Design Institute 2008 Software	Number of Disks
Autodesk® VIZ 2008	1 (DVD)
AutoCAD® Architecture 2008	1 (DVD)
Revit® Architecture 2008	1 (DVD)
Revit® Structure 2008	1 (DVD)
AutoCAD® Revit® MEP Suite 2008 (includes AutoCAD® MEP 2008 and Revit® MEP 2008)	2 (DVD)
Autodesk® Inventor™ Professional 2008 (includes AutoCAD® Mechanical 2008, Autodesk Vault 2008, Autodesk Inventor 2008, and Autodesk Design Review 2008)	2 (DVD)
AutoCAD® Electrical 2008	2 (DVD)
Autodesk® Productstream™ 2008	1 (DVD)
Autodesk® Productstream™ Explorer 2008	1 (DVD)
AutoCAD® Map 3D 2008	4 (CD)
AutoCAD® Civil 3D® 2008 (includes AutoCAD® Land Desktop Companion 2008)	2 (DVD)
AutoCAD® Raster Design 2008	1 (CD)

NOTE Currently Autodesk VIZ 2008 can only be installed to the default location *C:\Program Files\Autodesk\VIZ2008*. You will not be able to install VIZ to any other location, including other drives, or other areas of the C: drive. A patch and more information allowing full installation is posted at the Autodesk VIZ Services and Support page: www.autodesk.com/viz2008-installerpatch.

Autodesk Media and Entertainment Software Options

Purchased separately, Autodesk Media and Entertainment Design Institute software products are sold through Autodesk Media and Entertainment Education Academic Value Added Resellers or directly from Autodesk. To find an Autodesk Media and Entertainment Academic Value Added Reseller in your area, call 1-800-879-4233 or visit the reseller locator at www.autodesk.com/reseller. Autodesk Media and Entertainment Design Institute software purchase options are available for the following products:

- Autodesk Media and Entertainment Design Institute Super Pack: Autodesk® 3ds max®9, Autodesk® Cleaner® XL 1.5, and Autodesk® Combustion® 4
- Autodesk 3ds max 9 Labpack

Documentation for Autodesk Products in Design Institute

If necessary, you can print PDF versions of the installation and licensing manuals from the product's installation screen or from the product media. You need Adobe Acrobat Reader to view the PDF files. To download the Adobe Acrobat Reader free of charge, visit www.adobe.com.

In addition to the installation and licensing guides, you can access extensive documentation within each Autodesk product by clicking the Help menu in the product.

For late-breaking information about each product (including installation information), see the product's Readme file (on the product media), or check the individual product sites at www.autodesk.com/products. The main Autodesk support page is www.autodesk.com/support.

