

TIPS Autodesk Installation Information

February 2004

General

- You must have a network shared folder with write permissions to create the deployments in. You will not be allowed to proceed without a shared folder.
- Each user must have administrative rights to their workstation for Autodesk Map 2004 to function properly.
- For all installs, if prompted, enter TIPS for the Host Name and TIPS for the Host ID. Serial numbers and environment variable settings will be sent to the TIPS software contact in each organization.
- On the server configuration page, choose single server for the server type.
- After Autodesk Map installation completes, you will need to go into the installation directory and rename the file licpath.lic to licpath.txt. This allows the software to use the license information set in the environment variables to obtain a license.
- Each workstation will need to have an environment variable named ADSKFLEX_LICENSE_FILE set to the appropriate values.
- The deployments take a long time to create (30 minutes or more in some cases). Please allow the deployment to run to completion. It is not hung up; it is just very slow to create.
- After installing each piece of software, it is recommended that you restart your computer.
- If you encounter any difficulties with installation, please contact Kevin Garnett at (618) 463-6463 x127 kgarnett@osmre.gov or Bill Joseph at (618) 463-6463 x106 bjoseph@osmre.gov.

Autodesk Map 2004

To install a network version of Autodesk Map 2004, follow the instructions detailed below. These instructions can also be found on the Autodesk Map 2004 CD by clicking on the Network deployment tab, and then clicking on the Network Administrators Guide.

Raster Design 2004

To install a network version of Raster Design 2004, follow the instructions detailed below with the following changes:

- The location of the *.msi file on page 15 should read
CDROM:\Bin\Installer \ard.msi for the Raster design install.

These instructions can also be found on the Autodesk Map 2004 CD by clicking on the Network deployment tab, and then clicking on the Network Administrators Guide.

Autodesk Map Series 2004

Map and Raster Design Deployments

To install a network version of Map 2004 and Raster Design 2004 as Map series, follow the instructions detailed below with the following changes:

- To install Map and Raster Design, you will have to run the Network Installation wizard twice, one time for each product.
- In order for Raster Design to install properly, it must be paired with an installation of Map that uses the Map Series *.msi file.
- The location of the *.msi file on page 15 is not correct for the Map Series install. The *.msi file can be found at
CDROM:\SETUP\Map\acadmap.msi for the Autodesk Map portion of the install, and at CDROM:\SETUP\Raster\ard.msi for the Raster design install.

These instructions can also be found on the Autodesk Map Series 2004 CD by clicking on the Network deployment tab, and then clicking on the Network Administrators Guide for Map or Raster Design.

Envision Deployment

To install a network version of Envision 8, follow the instructions detailed below. These instructions can also be found on the Autodesk Map Series 2004 CD by clicking on the Network deployment tab, and then clicking on the Network Administrators Guide for Envision. After installing Envision, you must go rename the file license.lic to license.txt in order for Envision to use the environment variables to find the license server. This file will be located in C:\Program Files\Autodesk\Envision8\Bin

Deploy Autodesk Map

3

In this section, you learn how to install the Network Installation wizard to a computer, where you then use the same wizard to create or modify the deployment (administrative image) that your users will use to install Autodesk Map on their workstations.

In this chapter

- Preliminary Tasks for a Network Deployment
- Install the Network Installation Wizard
- Use the Network Installation Wizard
- Point Users to the Administrative Image
- Uninstall Autodesk Map

Preliminary Tasks for a Network Deployment

Installing Autodesk Map on a network requires careful planning and execution. The type of Autodesk Map installation you choose to deploy can differ depending on your network infrastructure and requirements for client use.

You must perform the following tasks before you run the Network Installation wizard.

- **Verify system requirements.** Make sure that your network, servers, and workstations meet the system requirements. See [“System Requirements” on page 2](#).
- **Install and authorize the Network License Manager.** If you plan to have users run Autodesk Map with network licenses, read the *Network Licensing Guide* for detailed information about how to set up your license servers. The *Network Licensing Guide* is available on the Autodesk Map 2004 CD Browser and in the Autodesk Map Help system.
- **Create a network share.** Create a network share to hold the client deployment image files. The location where you create the deployment requires approximately 380 MB of space.

When you have completed these tasks, you are ready to install and run the Network Installation wizard.

Install the Network Installation Wizard

The Autodesk Network Installation Wizard installer installs the files necessary to run the Network Installation wizard (*netsetup.exe*) in the location that you specify. After you install the Network Installation wizard, you run *netsetup.exe* to create a network deployment.

To install the Network Installation wizard

- 1 Insert the Autodesk Map 2004 CD into your computer's CD-ROM drive.
- 2 In the Autodesk Map 2004 CD Browser, click the Network Deployment tab.
- 3 On the Network Deployment tab, under Step 3, Install the Network Installation Wizard, click Install.
- 4 In the Network Installation wizard, on the Welcome to the Autodesk Network Installation page, click Next.

- 5 Review the Autodesk software license agreement for your country. You must accept this agreement to complete the installation. To accept, click I Accept, and then click Next.

Note If you do not agree to the terms of the license, click Cancel to cancel the installation.

- 6 On the Destination Folder page, you choose where you want the Network Installation wizard (*netsetup.exe*) to be installed. Do one of the following:
 - Click Next to accept the default destination folder.
 - Click Browse to specify a different drive and folder where you want the Network Installation wizard installed, or enter a new path. Click OK, and then click Next.
- 7 On the Ready to Install the Application page, click Next. The Network Installation Wizard is now installed to the location you specified.

Once you have installed the Network Installation wizard, you can use it to set up your network deployment.

Use the Network Installation Wizard

With the Network Installation wizard, you create a deployment from which users can install Autodesk Map on their computers. You can make choices in the Network Installation wizard as necessary to create various client deployment images and deployment types to meet user requirements and company needs.

Use the Network Installation wizard to create or modify a deployment, apply a patch to a deployment (administrative image), add customized files to a deployment, change search paths and file locations, and choose whether to require Microsoft Internet Explorer 6.0 on users' workstations before they can install Autodesk Map.

Note Because the Network Installation wizard provides you with numerous options for creating and customizing your deployments, there are many wizard pages you need to complete and choices you must make. You should set aside ample time to complete the Network Installation wizard in one sitting. In addition, make sure you have planned properly before you begin the Network Instal-

lation wizard. See [“Preliminary Tasks for a Network Deployment”](#) on page 12 for more information about preparatory tasks.

When you use the Network Installation wizard, you can do the following:

- 1 Start the Network Installation wizard.
- 2 Create or modify an administrative image.
- 3 Create or modify a deployment.
- 4 Specify log file locations.
- 5 Select an installation type.
- 6 Select a client installation location.
- 7 Select a client setup type.
- 8 Select additional client settings (optional).
- 9 Select search paths and file locations (optional).
- 10 Install additional files (optional).
- 11 Enter product serial number.
- 12 Enter personal information.
- 13 Turn on Live Update (optional).
- 14 Turn on DesignCenter Online (optional).
- 15 Complete Register Today.
- 16 Confirm and complete setup.

Start the Network Installation Wizard

Once you have installed the Network Installation wizard, you can run the Network Installation wizard to set up a deployment. For more information about installing the Network Installation wizard, see [“Install the Network Installation Wizard”](#) on page 12.

To start the Network Installation wizard

- 1 Do one of the following:
 - **For Windows XP.** On the Start menu (Windows), click All Programs ► Autodesk ► Network Installation Wizard.
 - **For Windows 2000 or Windows NT.** On the Start menu (Windows), click Programs ► Autodesk ► Network Installation Wizard.

The *Netsetup.exe* file is executed, and the Network Installation wizard is started.

- 2 In the Network Installation wizard, on the Welcome page, you choose to create or modify an administrative image.

Create or Modify an Administrative Image

With the Network Installation wizard, you can create a new administrative image or modify an existing one.

Create an administrative image. When you create an administrative image, you specify a network location where you want the image to reside. This location is where users can go to install the product.

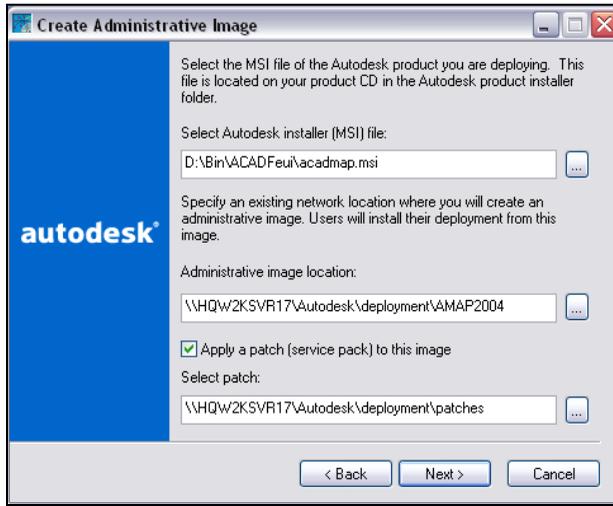
Modify an administrative image. When you modify an administrative image, you select an existing administrative image and apply changes to it. For example, you can apply a patch or select various custom files that are not part of the base administrative image. You can also perform modifications such as changing the installation type from Full to Typical or changing the installation directory from drive C to drive D.

To create an administrative image

- 1 In the Network Installation wizard, on the Welcome page, select Create an Administrative Image, and then click Next.



- 2 On the Create Administrative Image page, in the Select Autodesk Installer (MSI) File box, enter the path to *acadmap.msi*, the MSI file you use as the basis for your administrative image. This file is found on your product CD-ROM. The *acadmap.msi* file is located in *CDROM:\BIN\ACADFeui*.



- 3 In the Administrative Image Location box, enter an existing shared network location where you want to create an administrative image, or click Browse to navigate to a location. Users install Autodesk Map from this location.
- 4 If you want to apply a patch to an administrative image, select the Apply a Patch (Service Pack) to This Image option. Specify the location of the patch file (.msp). (The patch file is usually contained in the service pack executable that you download from the Autodesk website. To extract the MSP file from the executable, run the patch program from a command line prompt using the /e switch. Note the location where the files are extracted.)
- 5 After selecting the Apply a Patch (Service Pack) to This Image option, enter the path including the extension .msp in the Select Patch box, or click Browse and locate the MSP file.

Note To find out if a patch is available, visit the Autodesk Product Support page at <http://support.autodesk.com/>.

- 6 Click Next to go to the Create or Modify a Deployment page.

To modify an administrative image

- 1 In the Network Installation wizard, on the Welcome page, select Modify an Administrative Image, and then click Next.



- 2 On the Modify Administrative Image page, in the Select an MSI File box, select an existing Autodesk installer file (MSI) from an existing shared network location that contains the administrative image you want to modify. Users install Autodesk Map from this location.



- 3 If you want to apply a patch to an administrative image, select the Apply a Patch (Service Pack) to This Image option. Specify the location of the patch file (.msp). (The patch file is usually contained in the service pack executable that you download from the Autodesk website. To extract the MSP file from the executable, run the patch program from a command

line prompt using the /e switch. Note the location where the files are extracted.)

- 4 After selecting the Apply a Patch (Service Pack) to This Image option, enter the path including the extension *.msp* in the Select Patch box, or click Browse and locate the MSP file.

Note To find out if a patch is available, visit the Autodesk Product Support page at <http://support.autodesk.com/>.

- 5 Click Next to go to the Create or Modify Deployment page.

Create or Modify a Deployment

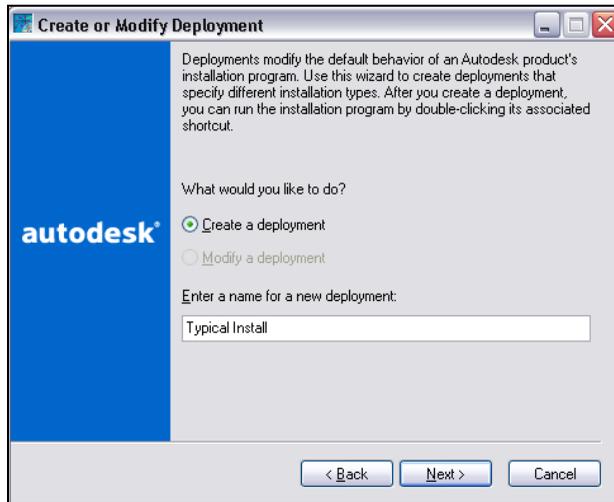
A deployment is a set of Microsoft Transforms (MST) files that modify the default behavior of the Autodesk Map installation program. You can use the Network Installation wizard to create or modify a deployment.

Create a deployment. You create a new deployment. The name you select for this deployment is the name of the shortcut that users point to when they install this deployment.

Modify a deployment. You make changes to an existing deployment. This option is available only if a deployment already exists. The name you select for this deployment is the name of the shortcut that users point to when they install this deployment.

To create a deployment

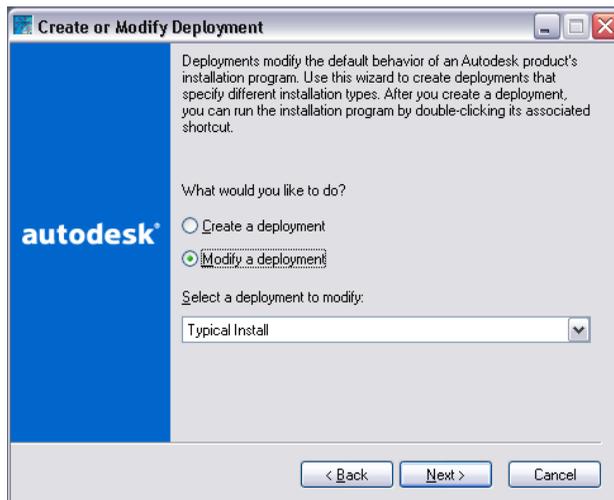
- 1 In the Network Installation wizard, on the Create or Modify Deployment page, select Create a Deployment.



- 2 In the Enter a Name for a New Deployment box, enter the new deployment's name. The name you enter here is the name of the shortcut your users will access to install the product.
- 3 Click Next to go to the Write to Log page.

To modify a deployment

- 1 In the Network Installation wizard, on the Create or Modify Deployment page, select Modify a Deployment.



- 2 In the Select a Deployment to Modify list, select the deployment that you want to modify.
- 3 Click Next to go to the Write to Log page.

Specify Log File Locations

Autodesk Map has two types of log files with which you can monitor information about deployments and installations.

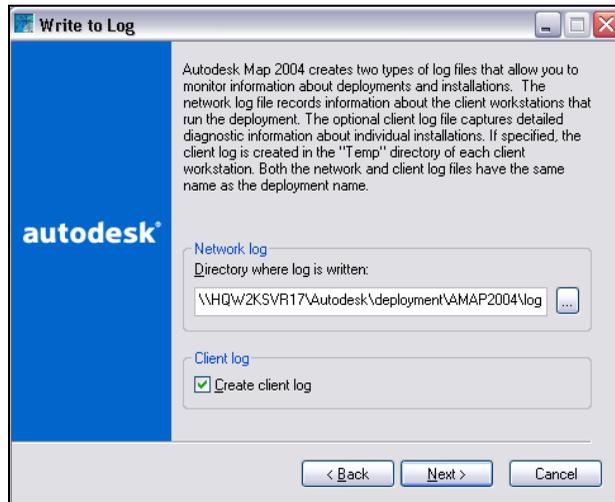
- **Network log.** The network log file keeps a record of all workstations that run the deployment. Refer to this file for status information and details about problems that users may have encountered during installation (for example, low disk space or inadequate permissions). The network log is named with the same name you chose for your deployment. You can specify where the log file is created by entering a valid UNC (universal naming convention) path on your network.

Note Make sure all users have read/write permission to this location.

- **Client log.** The client installation log contains detailed installation information for each client. This information may be useful in diagnosing installation problems. The client workstation log is located in the *Temp* directory of each client workstation. The client log is named with the same name you chose for your deployment.

To specify a log file location

- 1 In the Network Installation wizard, on the Write to Log page, in the Directory Where Log Is Written box, enter a directory where you want the network log to be located.



- 2 If you want to create a client log, under Client Log, select the Create Client Log option.
- 3 Click Next to go to the Select Installation Type page.

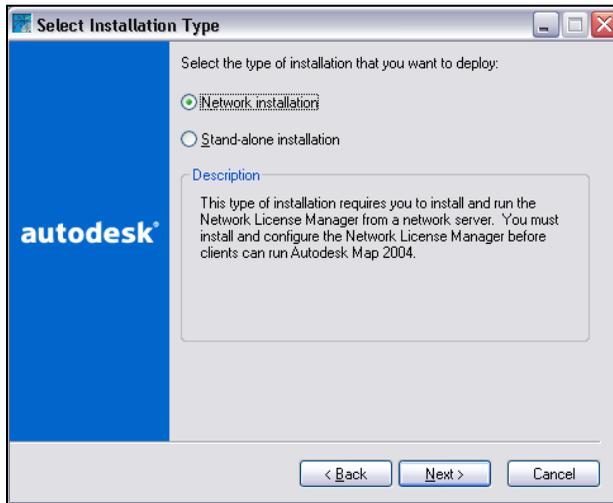
Select an Installation Type

As part of creating or modifying the deployment, you specify the type of installation you want to deploy.

- **Network License Installation.** This type of installation requires you to install and run the Network License Manager from a network server. You must install and configure the Network License Manager before clients can run Autodesk Map. For more information about using the Network License Manager, see the *Network Licensing Guide*, located on the Network Deployment tab of the CD Browser and in the Help system.
- **Stand-Alone Installation.** This type of installation is configured as a stand-alone installation that does not require you to install the Network License Manager.

To select a network license installation type

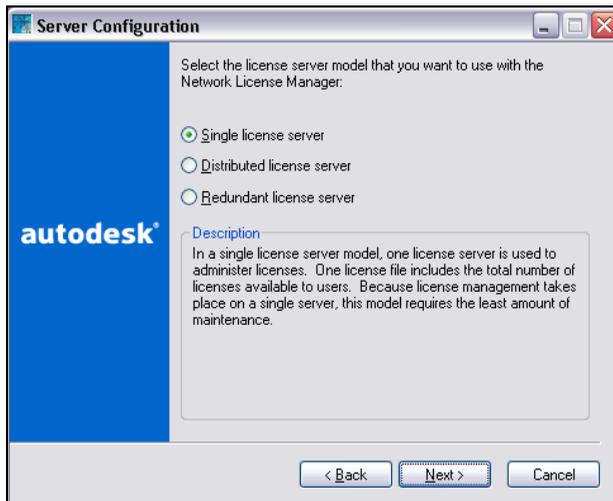
- 1 In the Network Installation wizard, on the Select Installation Type page, select the Network Installation option.



- 2 Click Next to go to the Server Configuration page.
- 3 On the Server Configuration page, select the license server model you want to use with the Network License Manager.

Your choices are as follows:

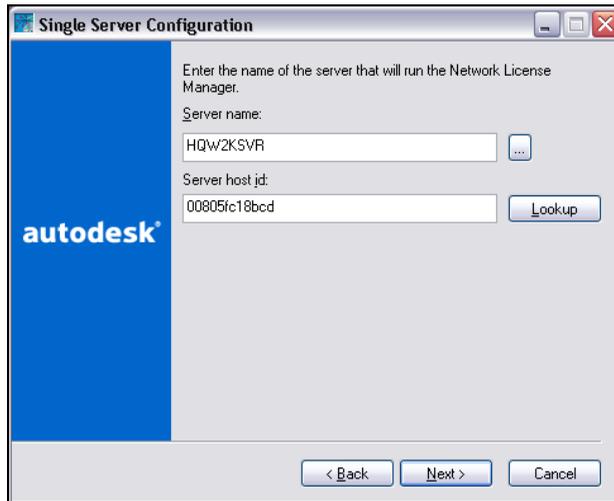
- Single license server
- Distributed license server
- Redundant license server



If you have already used the Network License Manager to create a license server model for this deployment, 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.

For detailed information about license server models, see “License Server Models” in the *Network Licensing Guide*, located on the Network Deployment tab of the CD Browser and in the Help system.

- 4 If you chose Single License Server in step 3 of this procedure, on the Single Server Configuration page, enter the server name and server host ID. Click Next to go to the Client Installation Location page.



Single Server Configuration

Enter the name of the server that will run the Network License Manager.

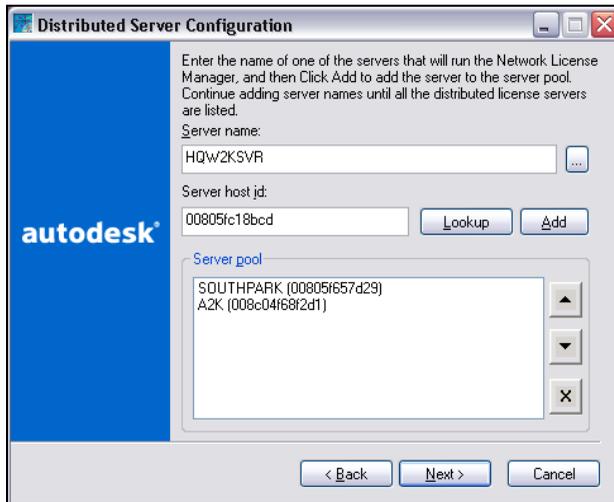
Server name:
HQW2KSVR

Server host id:
00805fc18bcd

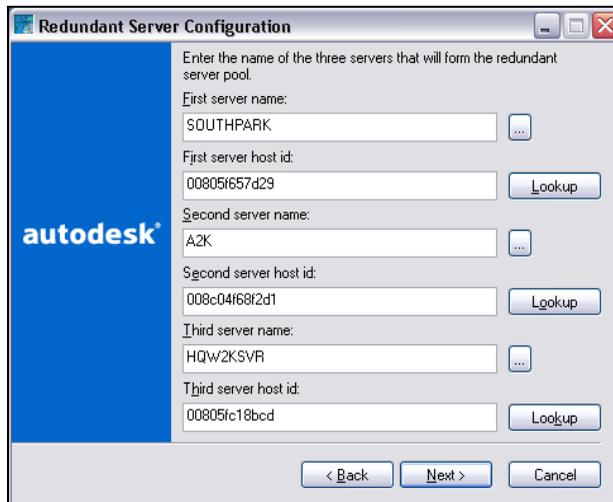
Lookup

< Back Next > Cancel

- 5 If you chose Distributed License Server in step 3 of this procedure, on the Distributed Server Configuration page, in the Server Name box, enter the name of one of the servers that will run the Network License Manager. In the Server Host ID box, enter the server host ID. In the Server Pool list, use the Up or Down arrow buttons to arrange the servers in the order you want them to be searched by a user's workstation. The host ID for each server appears in parentheses next to each server name. Click Next to go to the Client Installation Location page.



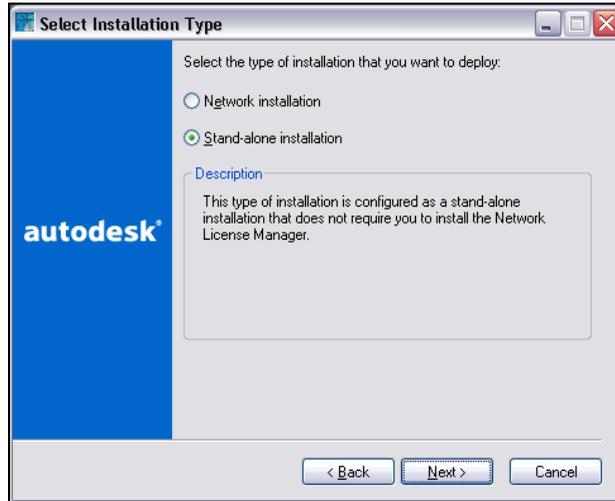
- 6 If you chose Redundant License Server in step 3 of this procedure, on the Redundant Server Configuration page, enter the server name and server host ID for each of the three servers that you will use in the redundant server pool. Click Next to go to the Client Installation Location page.



Note If you are not sure how to obtain the server host name and server host ID information, see “Plan Your License Server Configuration” in the *Network Licensing Guide*. The *Network Licensing Guide* is located on the Network

To select a stand-alone installation type

- 1 In the Network Installation wizard, on the Select Installation Type page, select Stand-Alone Installation.



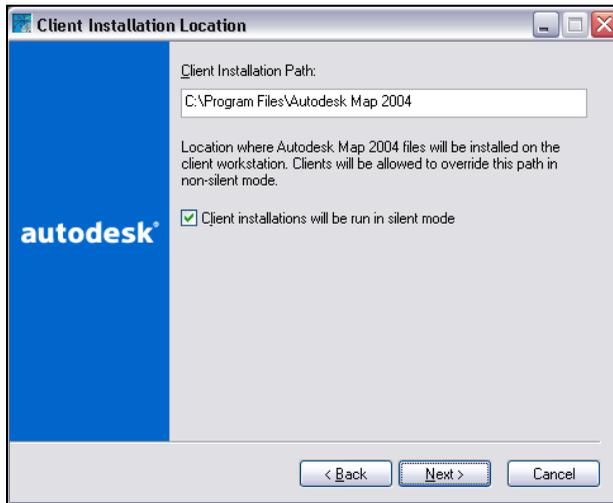
- 2 Click Next to go to the Client Installation Location page.

Select a Client Installation Location

You choose the location where Autodesk Map files are installed on the client workstation. By default, files are installed to *C:\Program Files\Autodesk Map 2004*.

To select a client installation location

- 1 In the Network Installation wizard, on the Client Installation Location page, in the Client Installation Path box, enter the path on the client workstation where you want to install Autodesk Map data.



- 2 If you want to prevent users from overwriting your installation settings when they install the product, select Client Installations Will Be Run in Silent Mode.
- 3 Click Next to go to the Client Setup Type page.

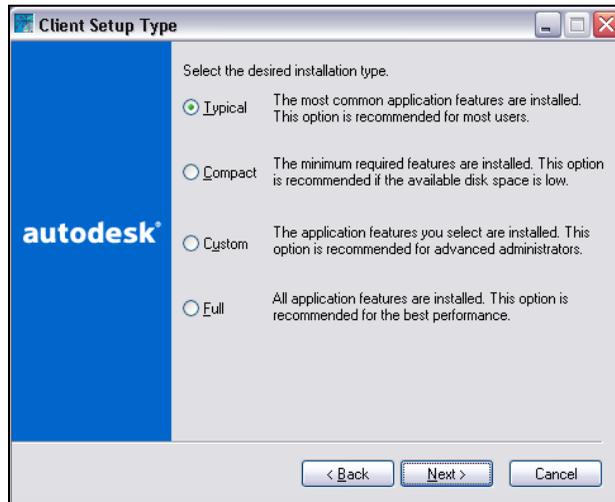
Select a Client Setup Type

As part of making your deployment choices, you select the type of installation features that users receive when they install Autodesk Map.

- **Typical.** Installs the most common application features. This option is recommended for most users.
- **Compact.** Installs the minimum required features. This option is recommended if the available disk space is low.
- **Custom.** Installs only the application features you select. This option is recommended for advanced administrators.
- **Full.** Installs all application features. This option is recommended for the best performance.

To select a client setup type

- 1 In the Network Installation wizard, on the Client Setup Type page, select the type of installation that you want: Typical, Compact, Custom, or Full. Click Next.



2 If you chose the Custom installation type in the previous step, the Select Features page is displayed. Here, you can choose those features that you want to install. Select the feature or features you want to install, and then click Next.

Some of your choices are as follows:

- **Batch Plotting.** Contains the batch plotting utility.
- **Database.** Contains database access tools.
- **Dictionaries.** Contains multilanguage dictionaries.
- **Fonts.** Contains Autodesk Map fonts and True Type fonts.
- **License Borrowing Utility.** Contains a tool for using a time-limited license to run Autodesk Map remotely, without a connection to the license server (available only with network license deployments).
- **Portable License Utility.** Contains a tool for moving a stand-alone license between computers (available only with stand-alone, locked deployments).
- **Reference Manager.** Allows users to view and edit the paths of externally referenced files associated with a drawing.
- **Samples.** Contains various feature sample files.
- **Texture Maps.** Contains textures that can be mapped to objects.
- **VBA Support.** Contains Microsoft Visual Basic for Applications support files.
- **CAD Standards.** Contains tools for reviewing design files for compliance with your standards.

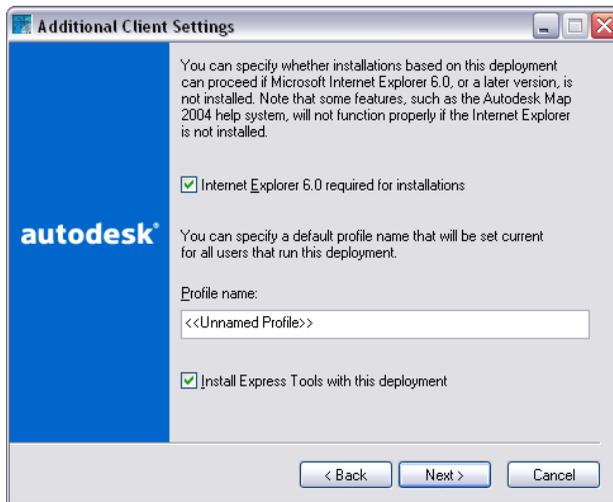
Select Additional Client Settings (optional)

On the Additional Client Settings page, you have the option of choosing some additional settings to use for your deployment.

- **Profile Name.** You can enter a name of the profile for all users who run a particular deployment. For example, you may want to specify a certain deployment only for production drafters; you name the deployment Production Drafters on this page.
- **Internet Explorer.** You can choose not to require that Microsoft Internet Explorer version 6.0 be on users' workstations before Autodesk Map is installed. This option is selected by default because some Autodesk Map features (such as Help and Register Today) may not function properly without Microsoft Internet Explorer version 6.0 (minimum) being installed on users' workstations.

To select additional client settings

- 1 In the Network Installation wizard, on the Additional Client Settings page, in the Internet Explorer 6.0 Required for Installations option, clear the check box if you do not want to require Microsoft Internet Explorer 6.0 to be installed with this deployment.



- 2 In the Profile Name box, enter a profile name to set for the users who will run this deployment.
- 3 In the Install AutoCAD Express Tools with This Deployment option, clear the check box if you do not want Express Tools installed.

4 Click Next to go to the Search Paths and File Locations page.

Select Search Paths and File Locations (optional)

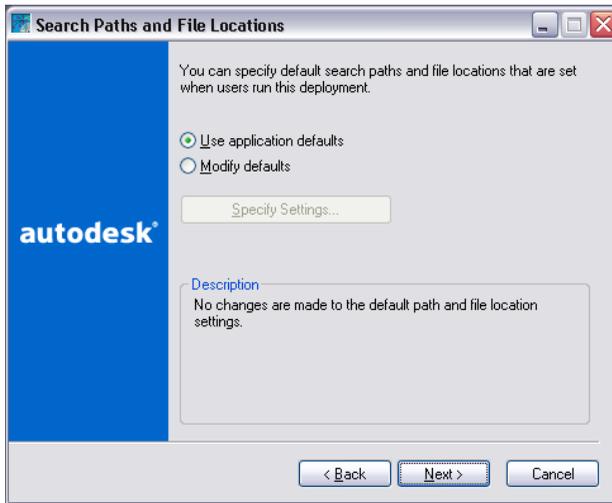
On the Search Paths and File Locations page, you can modify the default search paths and the location of some Autodesk Map 2004 files. You might want to modify the default settings shown here for the following reasons:

- If your CAD environment uses a file (such as a menu file) other than the default file that's installed with Autodesk Map, you can point to that file now and avoid having to add it at each workstation.
- Some default file locations have changed in Autodesk Map 2004. You can use this page if you have an older version of Autodesk Map and you want to move the files to the same file location as your previous version of Autodesk Map.

Note You can also modify the search paths and file locations for individual workstations after you have installed Autodesk Map. You do this by using the Options dialog box in Autodesk Map. For more information, see "Set Interface Options" in the online *AutoCAD User's Guide*.

You have two choices on this page.

- **Use Application Defaults.** Retains the default Autodesk Map 2004 settings for search paths and file locations.
- **Modify Defaults.** Allows you to modify the default settings for search paths and file locations.

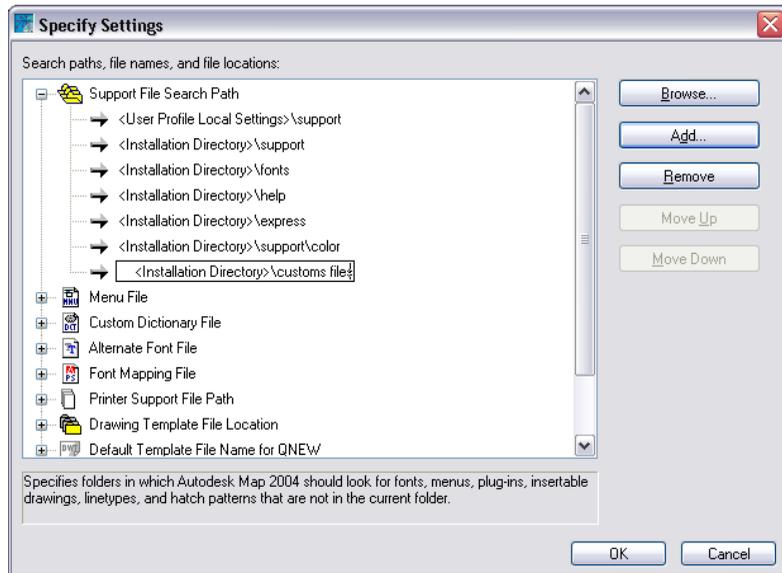


To use the application defaults

- In the Network Installation wizard, on the Search Paths and File Locations page, make sure that Use Application Defaults is selected. Click Next to go to the Install Additional Files page.

To modify the default settings

- 1 In the Network Installation wizard, on the Search Paths and File Locations page, select Modify Defaults.
- 2 Click Specify Settings.
- 3 In the Specify Settings dialog box, in the Search Paths, File Names, and File Locations list, click the plus sign (+) to the left of a search path or file location in the list to select and expand it.



4 Do any of the following:

- To add a new entry to the currently selected search path or file location, click Add.
- To remove an entry in the currently selected search path or file location, click Remove.
- To move a selection up or down in the list, click Move Up or Move Down.

Note The availability of these buttons depends on the item you selected in step 3.

- 5** When you finish specifying search paths or file locations, click OK.
- 6** On the Search Paths and File Locations page, click Next to go to the Install Additional Files page.

Install Additional Files (optional)

In the Select Files to Install dialog box, you can perform the following operations:

- Specify additional files (such as drawing files, LISP routines, or script files) to include with your deployment.

- Install different types of files to different workstation directories.
- Add subdirectories under the installation directory (for example, a folder called *LSP* to contain custom LISP routines).
- Add files to the Autodesk Map files (for example, add sample drawings for a project).
- Add files to the root of the installation directory (for example, *C:\Draw*).

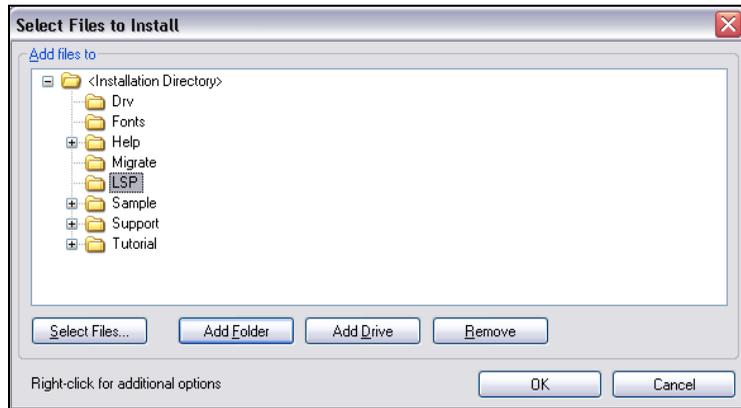
Note It is recommended that you install these files to a location within the Autodesk Map directory structure.

To install additional files

- 1 In the Network Installation wizard, on the Install Additional Files page, click Select Files.



- 2 In the Select Files to Install dialog box, in the Add Files To list, you can add folders, drives, and files to the installation directory of a deployment.



3 Do any of the following:

- Click Select Files to open the Add Files dialog box, where you can select files to add them to the installation directory.
- Click Add Folder to create a new folder in the installation directory.
- Click Add Drives to create a new drive name in the installation directory.
- Click Remove to delete a file, folder, or drive from the installation directory.

4 Click OK.

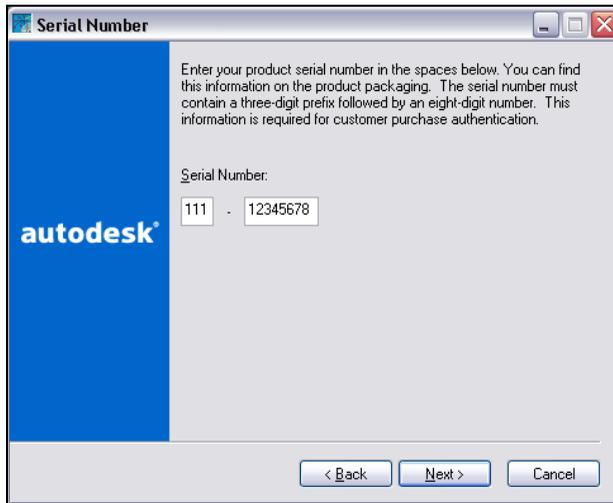
5 In the Network Installation wizard, on the Install Additional Files page, click Next to go to the Serial Number page.

Enter the Product Serial Number

You must enter your product serial number in the Network Installation wizard in order to run the product. The product serial number is located on the Autodesk Map 2004 product packaging. The serial number must contain a three-digit prefix followed by an eight-digit number.

To enter your product serial number

- 1** In the Network Installation wizard, on the Serial Number page, enter the serial number for this product.



- 2 Click Next to go to the Personal Information page.

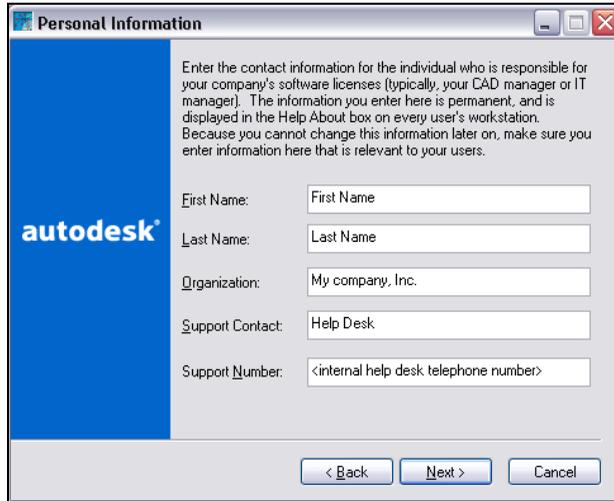
Enter Personal Information

The Personal Information page is used to personalize Autodesk Map for your company. The information you enter here is permanent and is displayed in the About Autodesk Map 2004 window (accessed by using Help ► About) on all workstations that install your deployment. Because you can't change this information later without uninstalling the product, make sure you enter the correct information now.

To enter personal information

- 1 In the Network Installation wizard, on the Personal Information page, enter the information requested.

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.



- 2 Click Next to go to the Live Update page.

Turn on Live Update Options (optional)

Products are updated with Live Update, which downloads patches to your product using Communication Center. Users can use Live Update to check for updates when a web connection is established. If a product patch is available, notification of its availability is received on the Autodesk Map status bar, and the patch can be either downloaded directly from an Autodesk server or modified first before copying the patch to users' workstations. If you don't want users to receive updates or announcements, you can turn off Live Update.

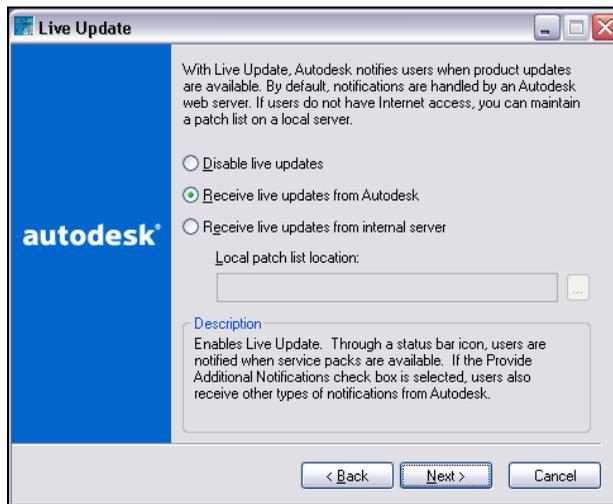
Note You can also turn Live Update options on or off in the CAD Manager Control utility, which you can access on the Network Deployment tab of the Autodesk Map 2004 CD Browser.

To turn on or turn off Live Update options

- 1 In the Network Installation wizard, on the Live Update page, select one of the following:
 - **Disable Live Updates.** With this option selected, users cannot receive product updates or support announcements from Autodesk servers.

- **Receive Live Updates from Autodesk.** With this option selected, users can receive product updates and support announcements from Autodesk servers with Live Update.
- **Receive Live Updates from an Internal Server.** With this option selected, you can maintain a patch list on a local server. If you select this option, the Local Patch List Location box is available. Use the Browse button to locate the path to a server location where you want a patch list to be located. More information about how to use a local patch list is available by installing Autodesk CAD Manager Tools 2.0 (available on the Autodesk Map 2004 CD Browser), running the CAD Manager Control utility, and then clicking Help in the CAD Manager Control utility window.

Note You can name a text file that will be used to enter the patch information. By naming a file and using a *.txt* extension now, you are creating a path to that file, not creating the *file* itself. In the location that you specify in the Local Patch List Location field, you must create a text file with the same name you specify here.



- 2 Click Next to go to the DC Online page.

Turn on DesignCenter Online (optional)

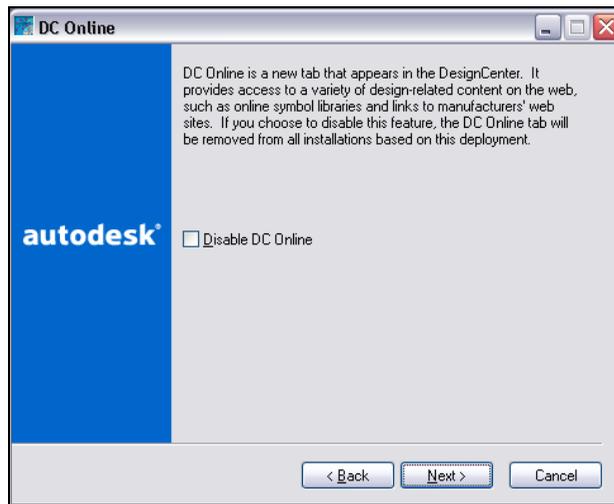
A tab called DC Online in DesignCenter provides access to pre-drawn content such as blocks, symbol libraries, manufacturers' content, and online

catalogs. This content can be used in common design applications to assist users in creating drawings. If you turn off DC Online, the DC Online tab is removed from all installations that are based on this deployment. DC Online is turned off by default.

Note You can also turn DesignCenter Online on or off in the CAD Manager Control utility, which you can access on the Network Deployment tab of the Autodesk Map 2004 CD Browser.

To turn on or turn off DC Online

- 1 In the Network Installation wizard, on the DC Online page, do one of the following:
 - To turn off DesignCenter Online, make sure the check box next to Disable DC Online is selected.
 - To turn on DC Online, clear the check box next to Disable DC Online.



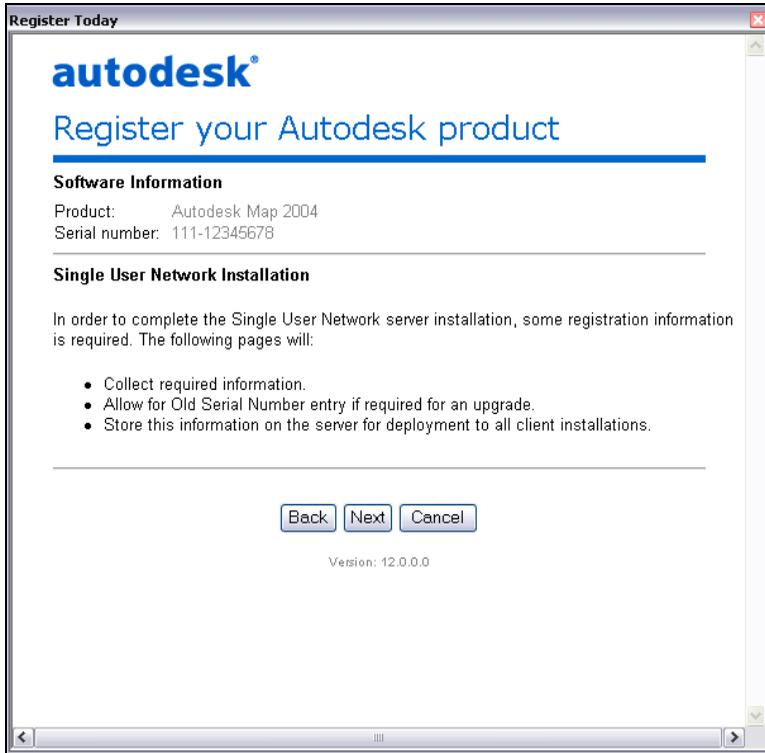
- 2 Click Next.

The Register Today page is displayed if you chose to run a stand-alone installation type. If you did not choose to run a stand-alone installation, the Setup Confirmation page is displayed.

Complete Register Today

If you chose to run a stand-alone installation type in the procedure “[To select a stand-alone installation type](#)” on page 25, the Register Today page is now displayed. You complete Register Today at this point so that all users have the same default registration information.

In the Register Today wizard, follow the on-screen instructions to complete the registration.



Confirm and Complete Setup

To complete your deployment setup, you must confirm the settings you selected in the Network Installation wizard.

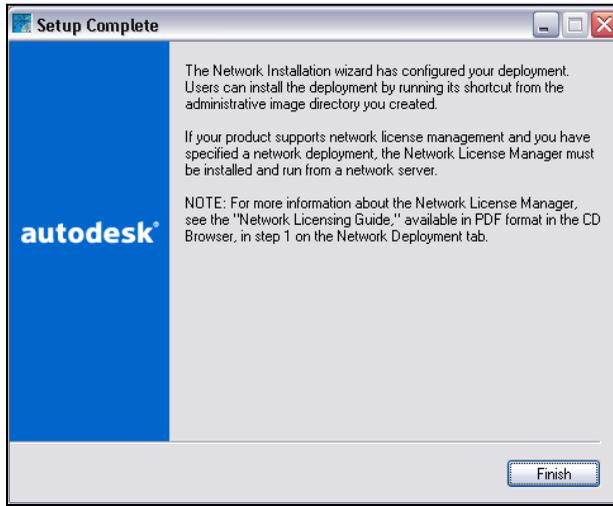
To confirm and complete the setup

- 1 In the Network Installation wizard, on the Setup Confirmation page, verify your installation selections.
- 2 If you want to change any selections you made for the deployment, use the Back button.
- 3 If you are ready to complete the deployment, on the Setup Confirmation page, click Next.



Note You can save the installation information displayed on this page by selecting the text, copying it, and pasting it into a text file (such as Notepad). Then save the text file to the same location and with the same name that you chose for the deployment. It is recommended that you do this if you want to have a reference to all the choices you made for a deployment.

- 4 In the Network Installation wizard, on the Setup Complete page, click Finish to complete the deployment.



Congratulations! You have created an Autodesk product deployment with precise options that are specific to your group of users. You can now inform those using this deployment where the administrative image is located so that they can install Autodesk Map.

Point Users to the Administrative Image

When you have completed the Network Installation wizard, you are ready to have users install the newly created or modified deployment. You need to notify your users of the shortcut created in the administrative image. The shortcut is the same name that you chose in [“Create or Modify a Deployment” on page 18](#).

To point users to the administrative image

- The simplest method of notifying users how to install the deployment is to email them with instructions about running the shortcut. At a minimum, the instructions need to include the location of the deployment and instructions about double-clicking the shortcut to the deployment.

Note For more advanced ways of running the shortcut and installing the deployment, see [“Deployment Methods” on page 7](#) and the appendixes at the end of this guide.

Uninstall Autodesk Map

When you uninstall Autodesk Map, all components are removed in the process. This means that even if you have previously added or removed components, or if you have reinstalled or repaired Autodesk Map, uninstalling removes all Autodesk Map installation files from your system.

Note If you have any plans to modify an administrative image at a later date (for example, adding a patch to it), do not remove that image.

To uninstall Autodesk Map

- 1 Do one of the following:
 - **For Windows XP.** On the Start menu (Windows), click Control Panel.
 - **For Windows 2000 or Windows NT 4.0.** On the Start menu (Windows), click Settings ► Control Panel.
- 2 In the Control Panel, click Add/Remove Programs.
- 3 In the Add/Remove Programs window, select Autodesk Map, and then click Remove.
- 4 In the message box that is displayed, click Yes to remove Autodesk Map.
- 5 If prompted, restart your computer.

System Requirements

Before you begin installing Autodesk Map™ on a network, make sure that your servers and client workstations meet the minimum recommended hardware and software requirements for a deployment. See the following tables for license server and client workstation requirements.

Hardware and software requirements for the location of the administrative image

| Hardware/ Software | Requirement | Notes |
|-----------------------|-------------|---|
| Hard disk | 380 MB | The location where you create the administrative image must be a shared location so that users can access the administrative image. |

Hardware and software requirements for the network license server

| Hardware/ Software | Requirement | Notes |
|------------------------|---|--|
| Operating system | Windows XP Professional Windows 2000 Server Edition Windows 2000 Windows NT 4.0 Server Edition Windows NT 4.0 with SP 6a or later | The Network License Manager supports Ethernet network configurations only. |
| Computer/ processor | Pentium III or later 450 Mhz (minimum) | |
| Network interface card | Compatible with existing Ethernet network infrastructure | The Network License Manager supports multiple network interface cards. |
| Communication protocol | TCP/IP | The Network License Manager uses TCP packet types. |

Hardware and software requirements for the client workstation

| Hardware/ Software | Requirement | Notes |
|------------------------|--|---|
| Operating system | Windows XP Professional Windows XP Home Windows 2000 Windows NT 4.0 with SP 6a or later | It is recommended that you install and run Autodesk Map on an operating system in the same language as your version of Autodesk Map or on an English version of the operating system. You must have Administrator permissions to install Autodesk Map. |
| Web browser | Microsoft Internet Explorer 6.0 | |
| Computer/ processor | Pentium III or later 500 Mhz (minimum) 800 Mhz (recommended) | |
| RAM | 256 MB (minimum) | |
| Video | 1024 x 768 VGA with True Color (minimum) | Requires a Windows-supported display adapter. |
| Hard disk | Installation 380 MB | |
| Pointing device | Mouse, trackball, or other device | |
| CD-ROM | Any speed (for installation only) | |
| Optional hardware | Open GL-compatible 3D video card Printer or plotter Digitizer Modem or access to an Internet connection Network interface card | The OpenGL driver that comes with the 3D graphics card must have the following: <ul style="list-style-type: none">■ Full support of OpenGL or later.■ An OpenGL Installable Client Driver (ICD). The graphics card must have an ICD in its OpenGL driver software. The miniGL driver provided with some cards is not sufficient for use with Autodesk Map. |

Network Installation Components

The following components make up the full deployment suite of tools and methods that you can use for distributing Autodesk Map 2004 to your users:

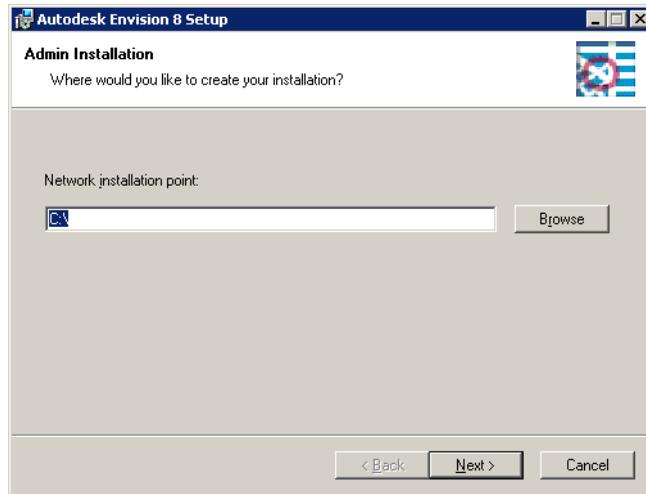
Installing Autodesk Envision 8 on a Network

This document describes how to install Autodesk Envision 8 to run on a network.

For information about installing the network license server, refer to the *Network Licensing Guide*, located on the Network Deployment tab of the CD Browser.

To install Autodesk Envision 8 on a network

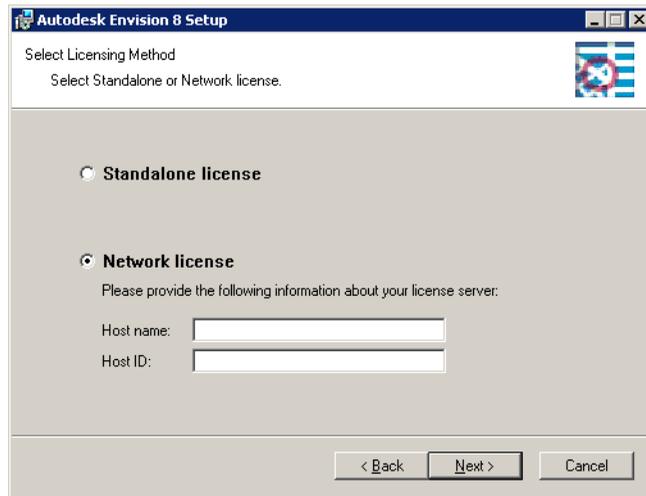
- 1 Insert the Autodesk Map Series 2004 CD into your computer's CD-ROM drive.
- 2 In the Autodesk Map Series 2004 CD Browser, click the Network Deployment tab.
- 3 On the Network Deployment tab, under Step 3, Create a Deployment of Autodesk Envision, click Deploy.
- 4 On the Admin Installation screen, enter an existing shared network location where you want to create an administrative image, or click Browse to navigate to a location. Users will install Autodesk Envision from this location.



5 On the Select Licensing Method screen, select Network License.

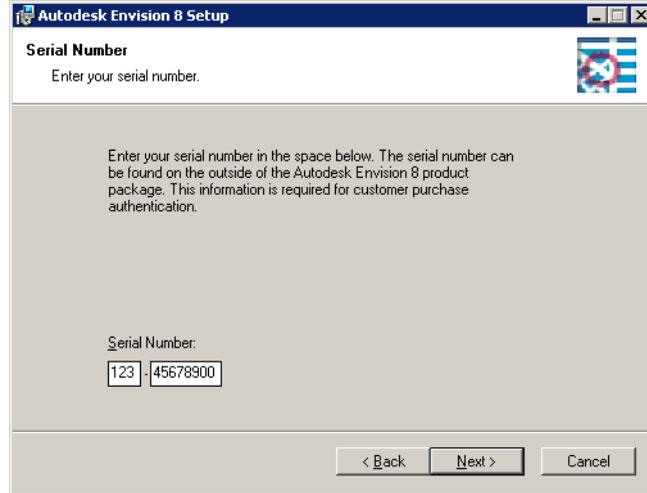
As part of creating the deployment, you specify the type of installation you want to deploy:

- **Stand-Alone Installation.** This type of installation is configured as a stand-alone installation that does not require you to install the Network License Manager.
- **Network License Installation.** This type of installation requires you to install and run the Network License Manager from a network server. You must install and configure the Network License Manager before clients can run Autodesk Envision. For more information about using the Network License Manager, see the *Network Licensing Guide*, located on the Network Deployment tab of the CD Browser.



6 Enter the Host name and Host ID. You can get this information from the Network License Manager. Click Next.

- 7 On the Serial Number screen, enter the serial number, located on the Autodesk Map Series product package. Click Next.



- 8 On the Admin Installation Verify Ready screen, click Next.
- 9 On the Setup Complete page, click Finish. The Readme file is opened from this page when you click Finish. This file contains information that was unavailable when the Autodesk Map Series 2004 documentation was prepared. If you do not want to view the Readme file now, clear the check box next to Readme.

Note You can also view the Readme file after you have installed Autodesk Envision.

Congratulations! You have created an Autodesk Envision deployment. You can now inform those using this deployment where the administrative image is located so that they can install Autodesk Envision. They need to run *setup.exe* from the shared network drive you specified in step 4.

