

TIPS AutoCAD Raster Design 2009 Installation Instructions

Getting Started

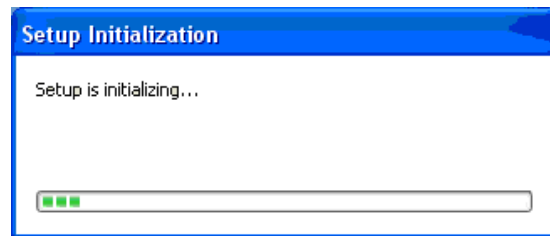
- Before starting the installation process, you will need the following:
 - AutoCAD Raster Design 3D 2009 disk. Note that the 2009 version is distributed on a DVD.
 - Serial number and environment variable information provided with the distribution.
 - A network shared folder (if creating a network deployment image). This is the location where the deployment (i.e., Microsoft Installer Administrative Image) will be created. It must be a network share with full access privileges. The deployment image will take approximately 250 MB of disk space.
 - Approximately 20 minutes to create the deployment image; thereafter, 10 - 15 minutes to install the program on each user machine (including verification of the installation and Service Pack update).

General Overview

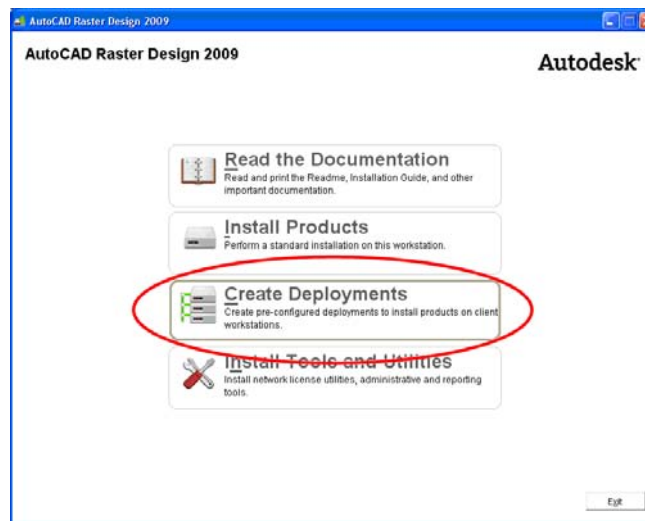
1. Deployment Image (Recommended) - Although AutoCAD Raster Design 2009 can be installed directly on each client (i.e., user) machine, we recommend that a network deployment image be created and used for consistent installation. The deployment image allows you to control what gets installed on the individual workstations, without having to configure each installation separately. Once created, the image can be used for installation on user machines for the life of the software. The deployment installs all files necessary to run the program on each user computer, and no communication with the image is required after the initial installation.
2. Direct Install (Optional) - As an option, the software can be installed directly to user machines without creation of a deployment image. This will require separate (i.e., repeated) configuration for each client installation. The installation procedure is the same as that shown below under 'Create a Network Deployment Image,' minus references to deployment image name, directory location, and general deployment settings.
3. All installations must be configured as "Network, Single License Server" license type.
4. The environment variable `ADSKFLEX_LICENSE_FILE` must be set on each user machine according to the documentation provided in the software distribution package. Note that if a previous version of TIPS AutoCAD software was installed, the variable will already be set.
5. Each user should open AutoCAD Raster Design 2009 at least once before installing the Service Pack and any associated software (e.g., Carlson Mining, etc.).
6. Updates available at the time of this distribution can be found on the DVD in the Patches & HotFixes folder. Note that the Solid Filled Object Hotfix is automatically applied if the TIPS distribution disk is used for installation. Visit <http://www.autodesk.com/support> to check for current updates and service packs.
7. If you have any questions or difficulties, contact Tom Mastaller at (412) 937-2108 or TMASTALLER@OSMRE.GOV; if Tom is unavailable, contact Tonya Buckmaster at (276) 523-0042 x13 or TBUCKMASTER@OSMRE.GOV.

Insert the AutoCAD Raster Design 2009 Installation DVD

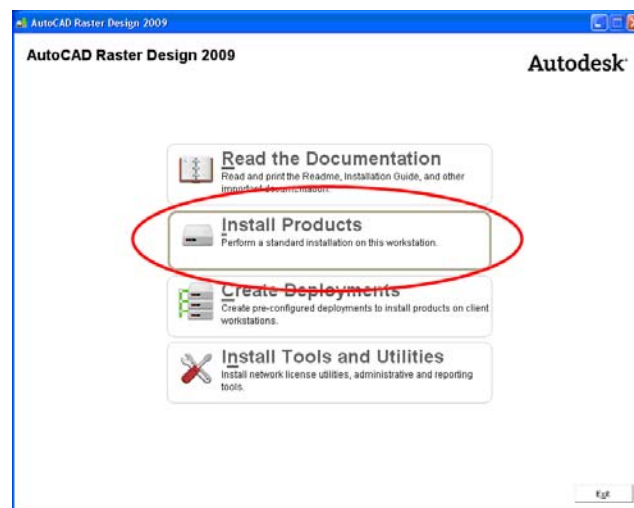
- Insert the disk labeled AutoCAD Raster Design 2009 (If the setup does not start automatically, browse/navigate to '<DVD DRIVE>:\setup.exe' to initialize).



- **Recommended Installation:** Click **Create Deployments**. This will initiate creation of a deployment image on a network drive. The deployment image can then be used to install the software on any number of client (i.e., user) machines over the life of the software version. Continue with **Create a Network Deployment Image**, below.

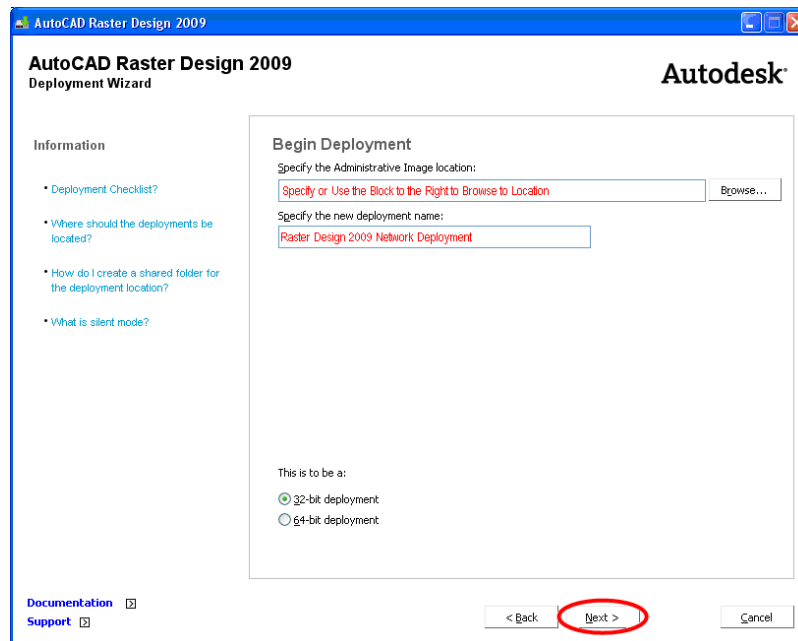


- **Optional Installation:** Click **Install Products**. This will initiate direct installation of the software on the current user machine; installation configuration will have to be repeated for each user.

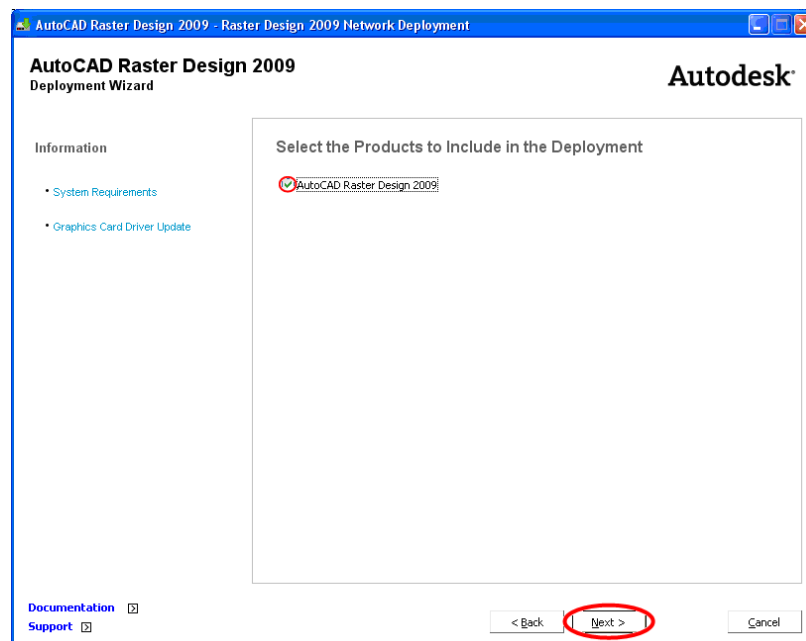


Create a Network Deployment Image

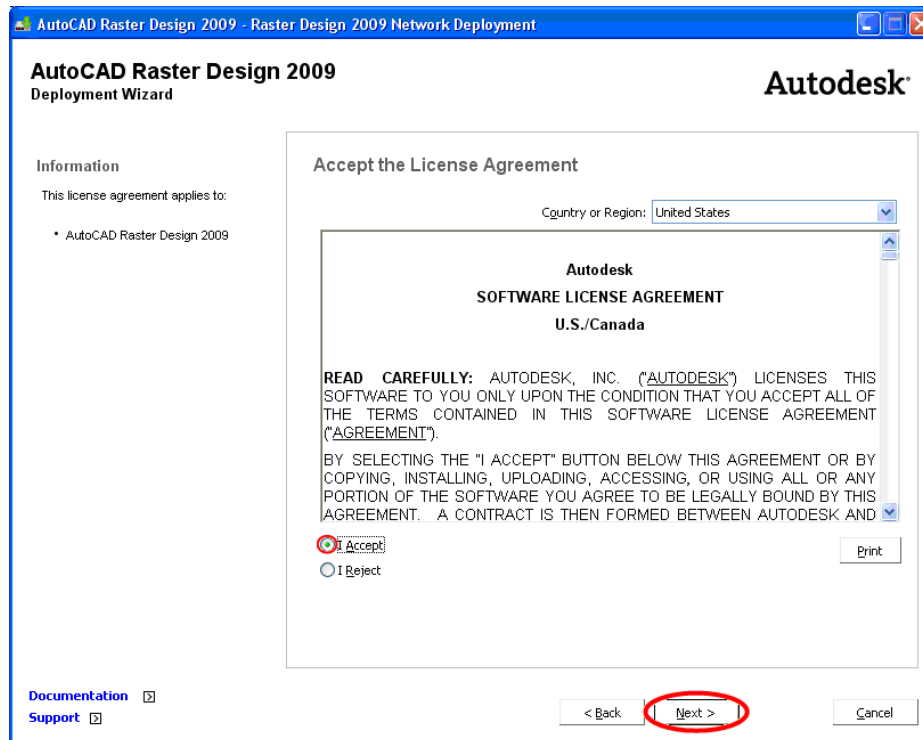
- Specify (or “Browse” to select) a Network Directory location where the deployment image is to be created and later accessed for installation on user computers.
- Specify a name for the deployment (e.g., Raster Design 2009 Network Deployment). This names the associated program shortcut for the deployment.
- Click **Next**.
- Note: This window is not applicable if using the direct install option Proceed to next step.



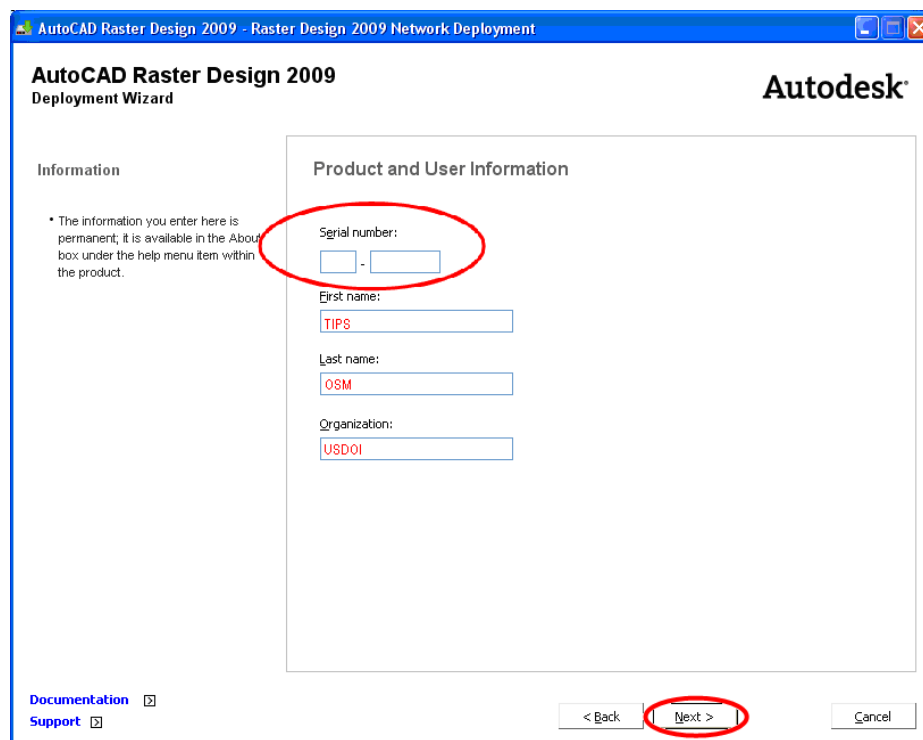
- Check the box next to ‘AutoCAD Raster Design 2009’ to include it in the deployment. The program requires approximately 230 MB of disk space on user computers, depending on configuration options.
- Click **Next** to continue.



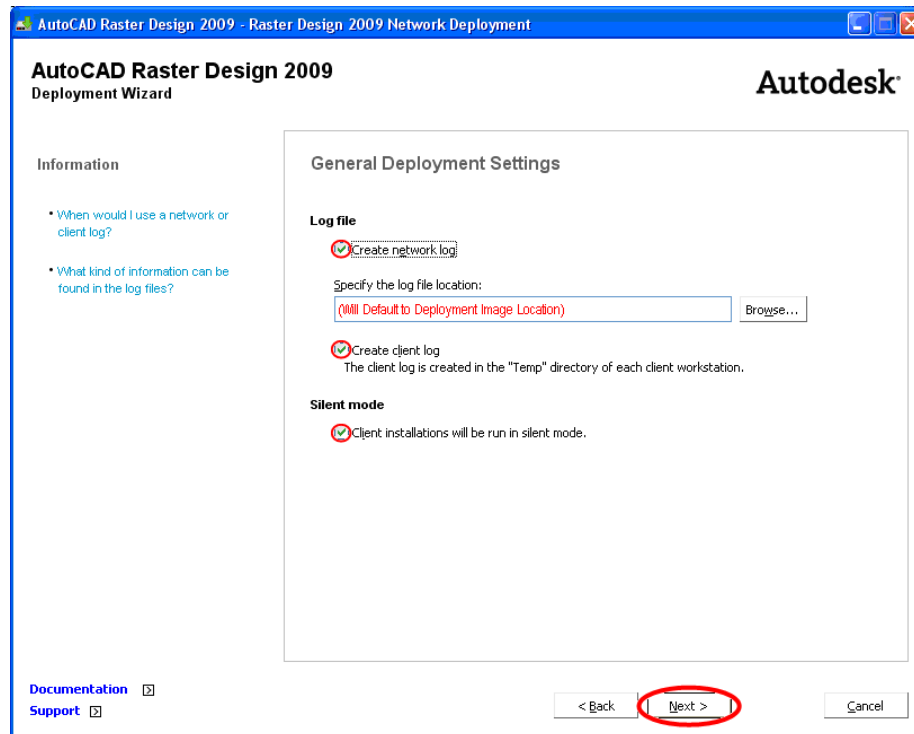
- Review license agreement and select (i.e., click in the circle next to) “I Accept” if acceptable.
- Click **Next** to continue.



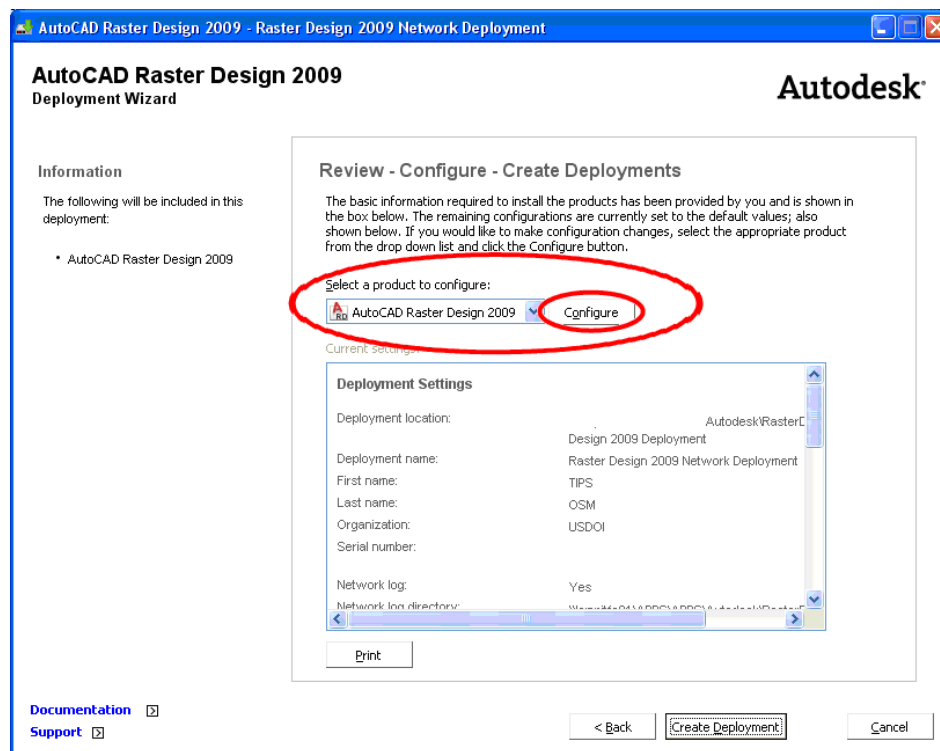
- Enter the serial number provided with the software distribution.
- Enter ‘TIPS’ as the First name; ‘OSM’ as the Last name; and, ‘USDOJ’ as the Organization to identify the installation as a TIPS product.
- Click **Next** to continue.



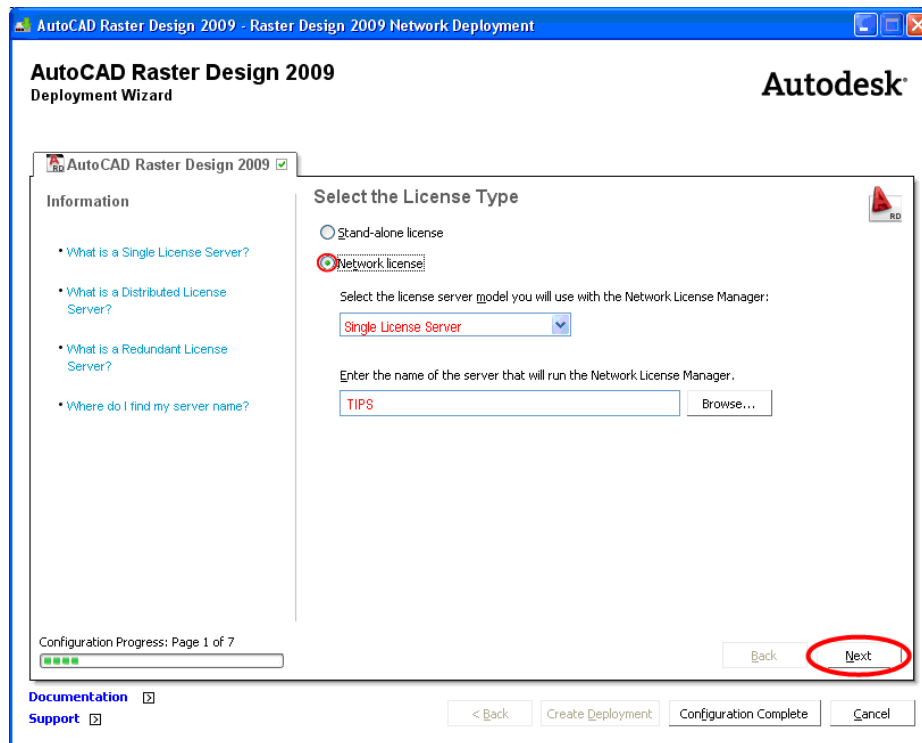
- Select the desired options for Log file and Silent mode installation. The default options (as shown) are acceptable.
- Click **Next** to continue.
- Note: This window is not applicable if using the direct install option. Proceed to next step.



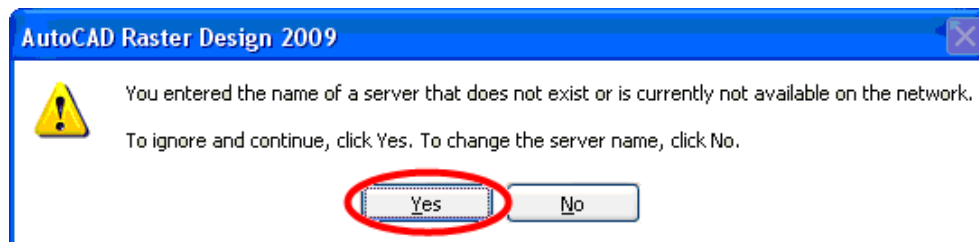
- Verify / select 'AutoCAD Raster Design 2009' as the product to be configured.
- Click **Configure** to proceed.



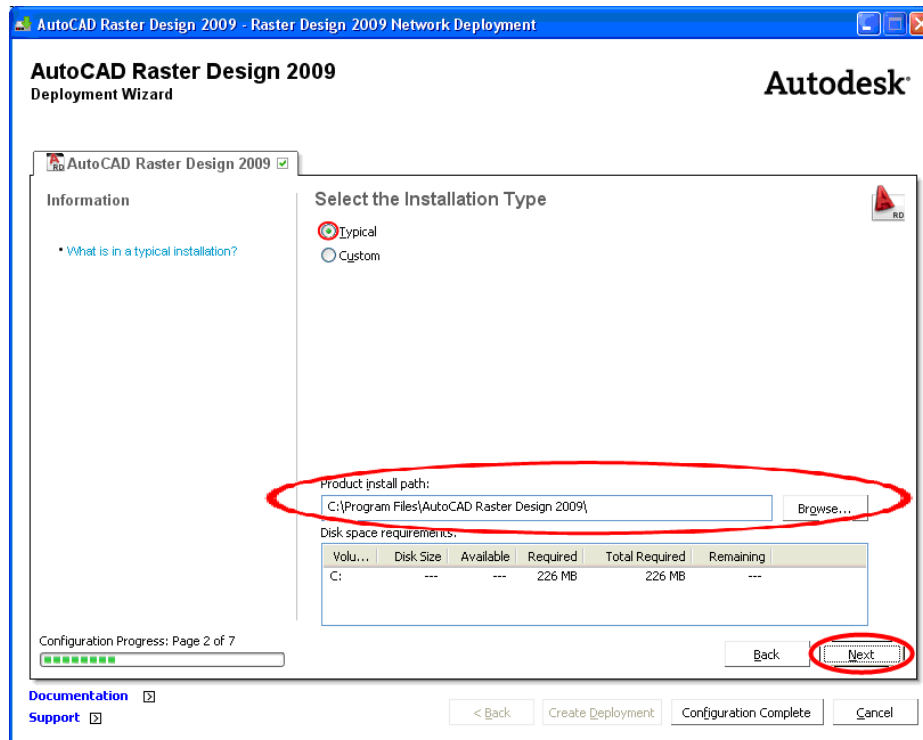
- Click the circle next to 'Network license'.
- Select the license server model 'Single License Server'.
- Enter 'TIPS' as the name of the license server.
- Click **Next** to continue.



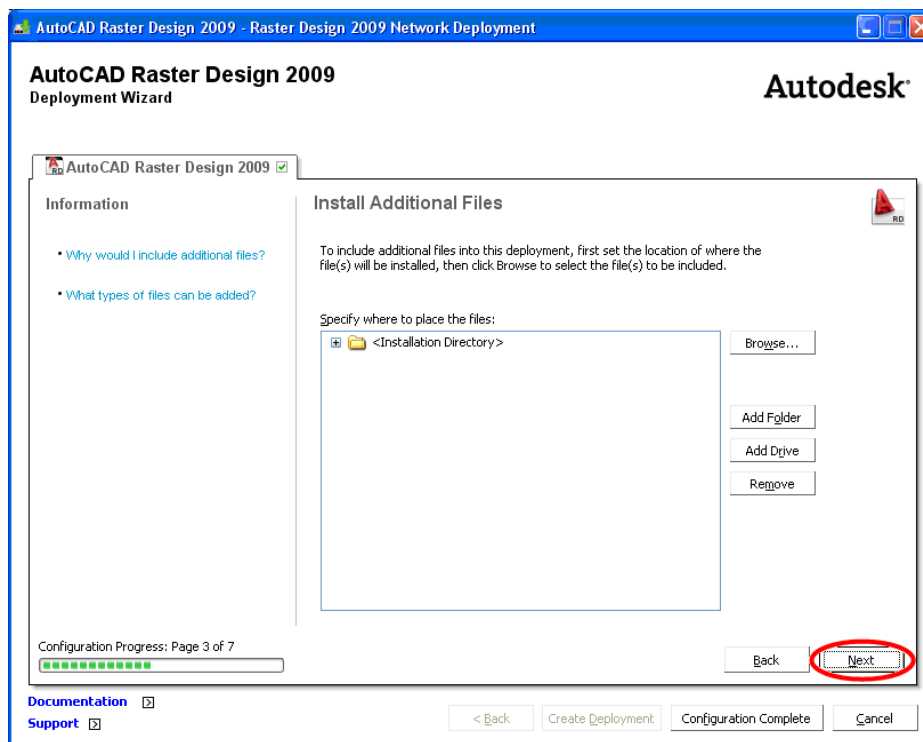
- You will get a warning that the server does not exist.
- Click **Yes** to ignore the warning and continue.



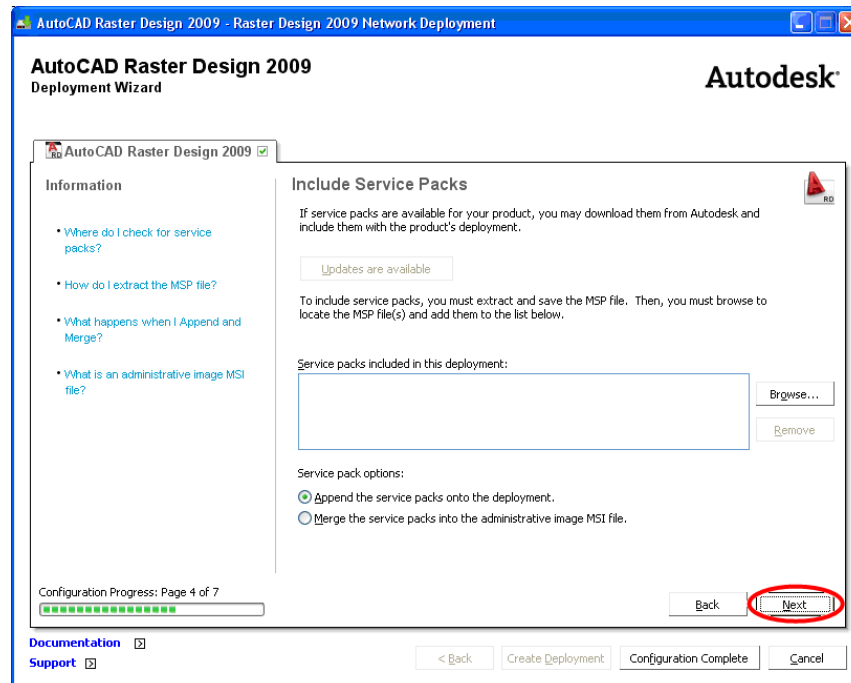
- Verify / select 'Typical' as the installation type.
- (If using the direct install option, there will also be a choice to create a desktop shortcut.)
- Verify the install path. The default 'C:\Program Files\AutoCAD Raster Design 2009\' is recommended.
- Click **Next** to continue. (If using the direct install option, continue to the bottom section of page 9.)



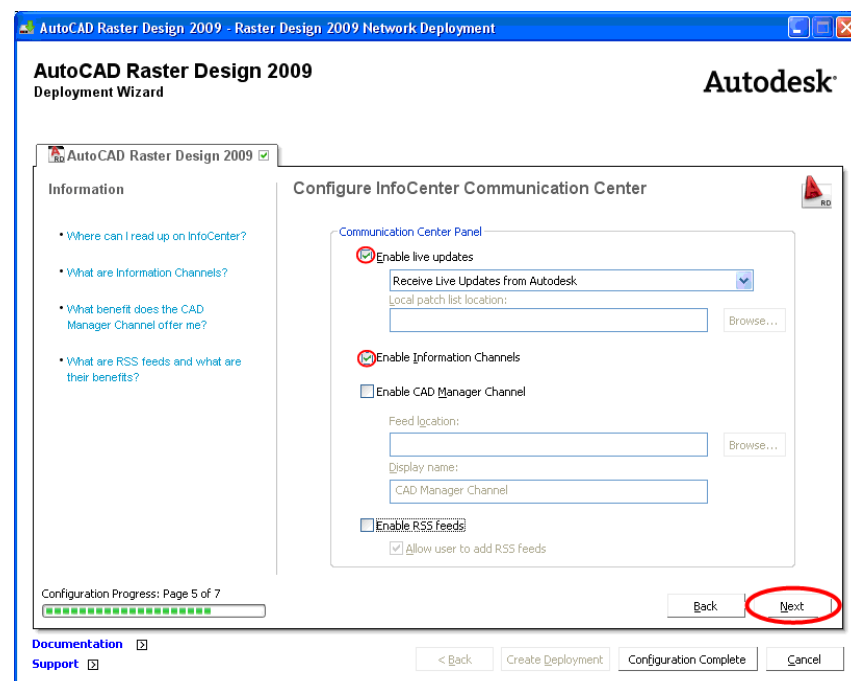
- This window allows for including additional files / folders as part of the deployment.
- Click **Next** to continue.



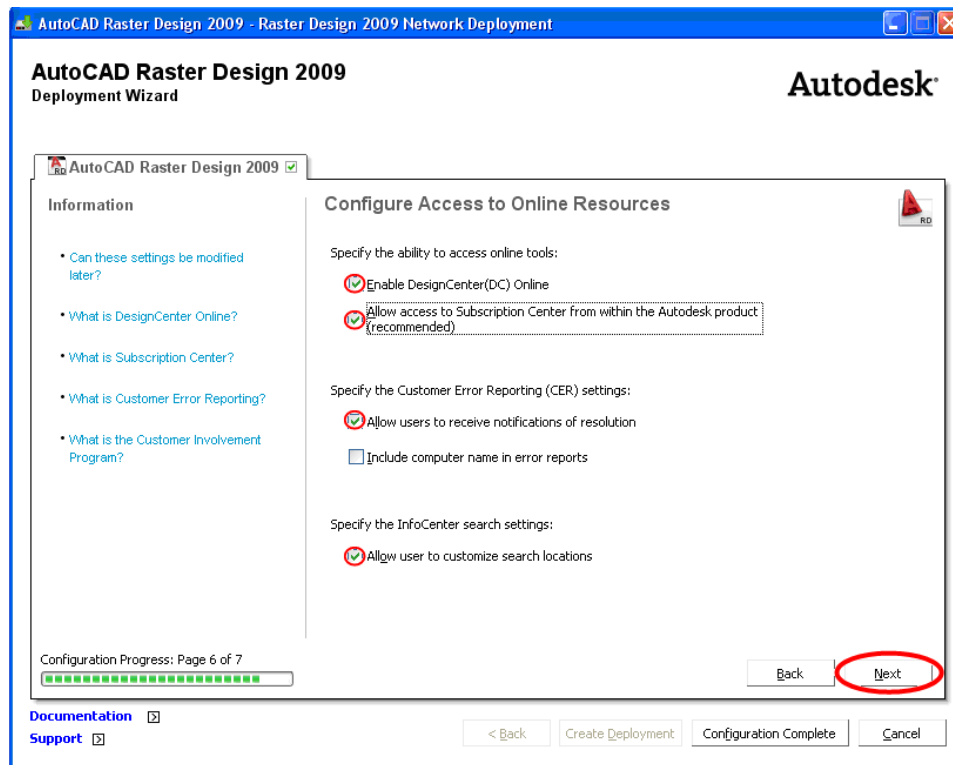
- This window allows the inclusion of Service Packs as part of the deployment. Service Pack 1 is included as part of the TIPS distribution (under the 'Patches & Hotfixes' directory on the DVD); however, Autodesk has advised that the service pack should be applied separately only after Raster Design 2009 has been installed and opened. This procedure is incorporated in these instructions (page 16).
- Click **Next** to continue.



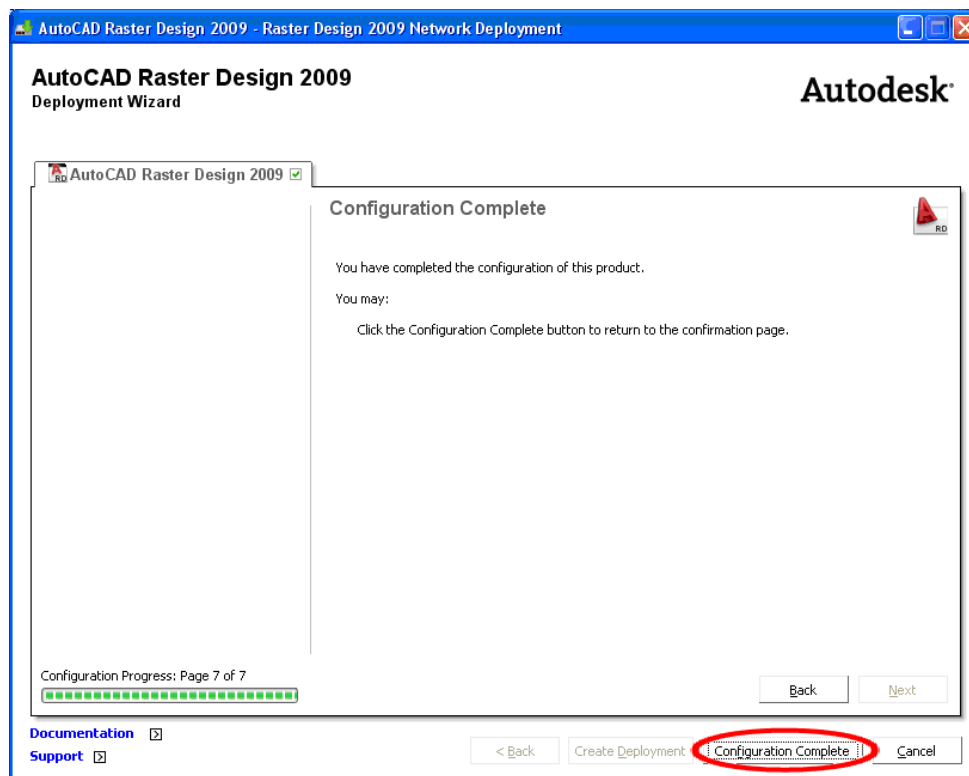
- It is recommended that 'Enable live updates' and 'Enable Information Channels' are selected; this ensures that users are made aware of program updates and issues.
- 'Enable CAD Manager Channel' and 'Enable RSS feeds' are not necessary / recommended for the typical TIPS user.
- Click **Next** to continue.



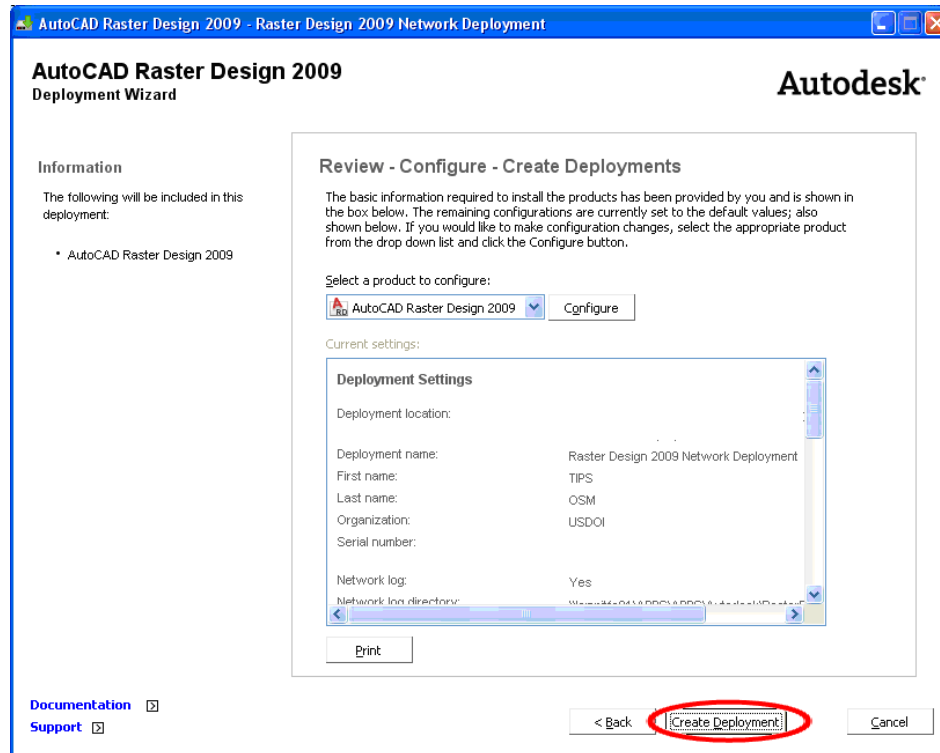
- Configuration settings shown are recommended for Access to Online Resources.
- Click **Next** to continue.



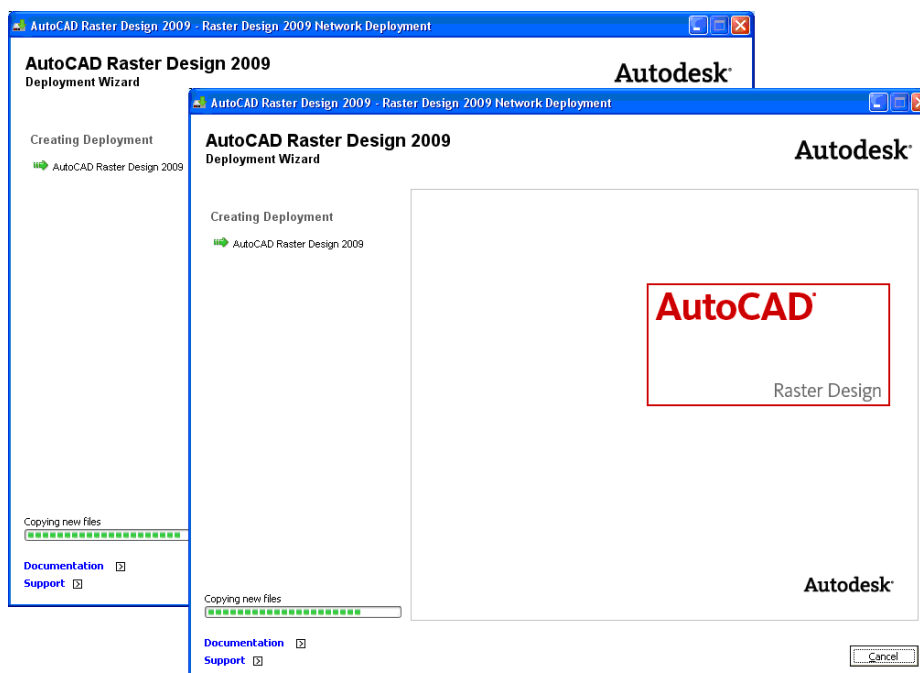
- This completes the configuration for AutoCAD Raster Design 2009.
- Click **Configuration Complete** to continue.



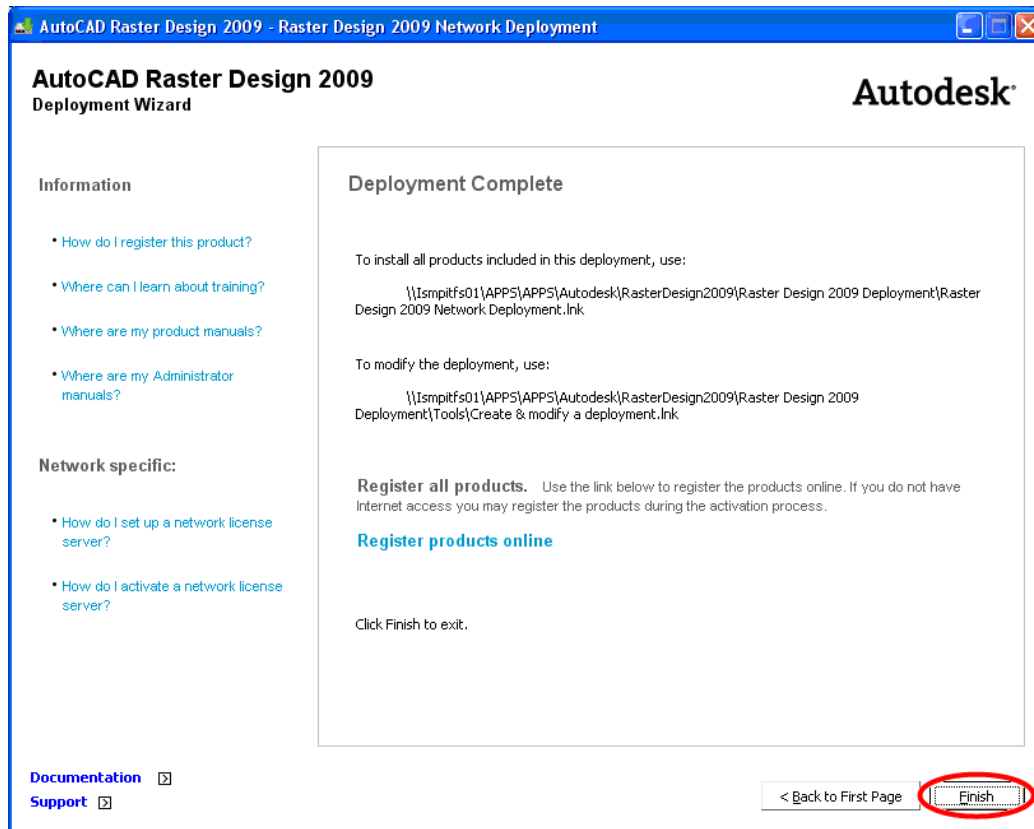
- Review the settings to ensure that the configuration is as intended. If settings need to be changed, you can go back through the settings by clicking on 'Configure.' If desired, you can also print the settings for your records.
- If settings are correct, click **Create Deployment** to continue.
- If using the direct install option, click **Install**; the installation should complete in approximately 5 minutes. At that point click **Finish** and continue on to 'Verify Installation / Network Licensing' on page 13.



- The deployment will now be created. The process will rotate through several screen images as necessary files are copied to the deployment. The process will typically take approximately 10 minutes.

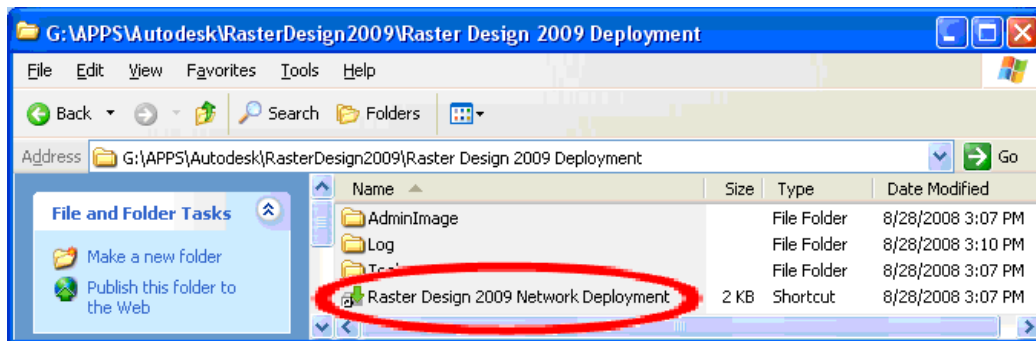


- When the process has completed, note the links for product installation and deployment modification shown on the summary window.
- Click **Finish** to complete the process and exit.

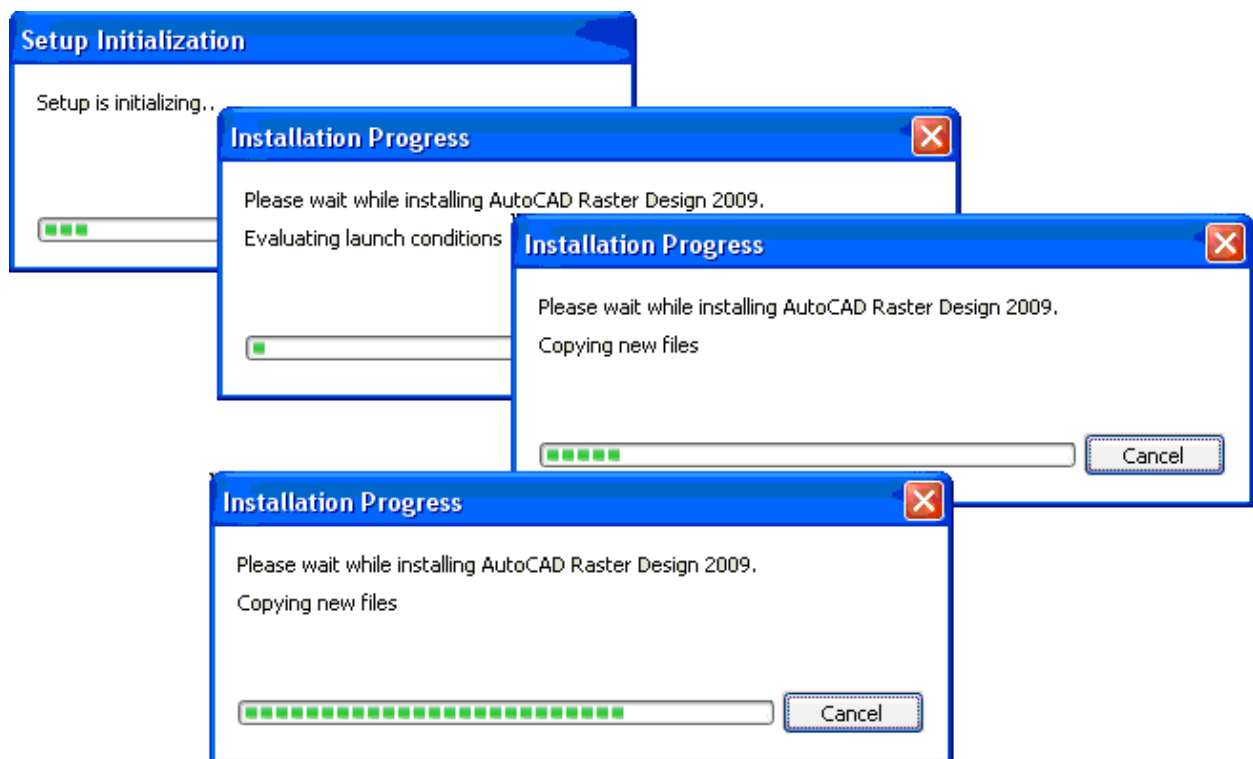


Install AutoCAD Raster Design on Client Machines

- From the client machine, navigate to the directory that contains the Network Deployment Image (i.e., the network directory that was specified during creation of the deployment image (see page 3), and also noted in the step on page 11.).
- Double click on the shortcut in this directory (shortcut was noted in step on page 11). It will have what ever name you specified during creation of the deployment image (see page 3 and / or as noted in the step on page 11.).
- Optionally, the shortcut can be copied to an alternate, more convenient location and accessed there; note that the network directory where the deployment was created is referenced by the shortcut and must be accessible for installation to proceed.



- Installation will begin and should take approximately 5 minutes to complete, depending on network connection and client machine speed.



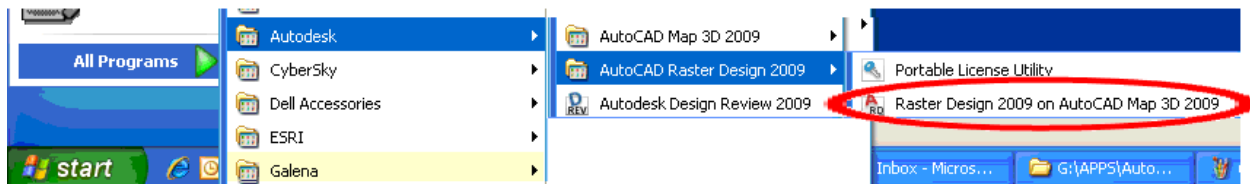
- Note that the status window will simply close (i.e., disappear) when installation is complete. There will not be a “notice” that the installation was successful.

Verify Installation / Network Licensing

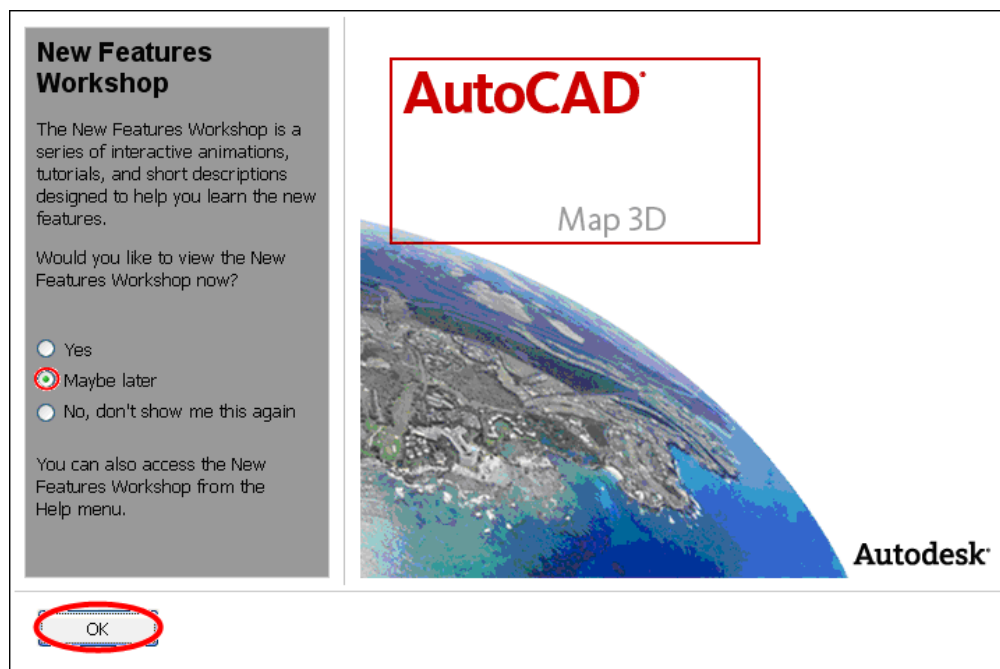
- Have the user login and launch AutoCAD Raster Design 2009 from desktop shortcut or the Start Menu.



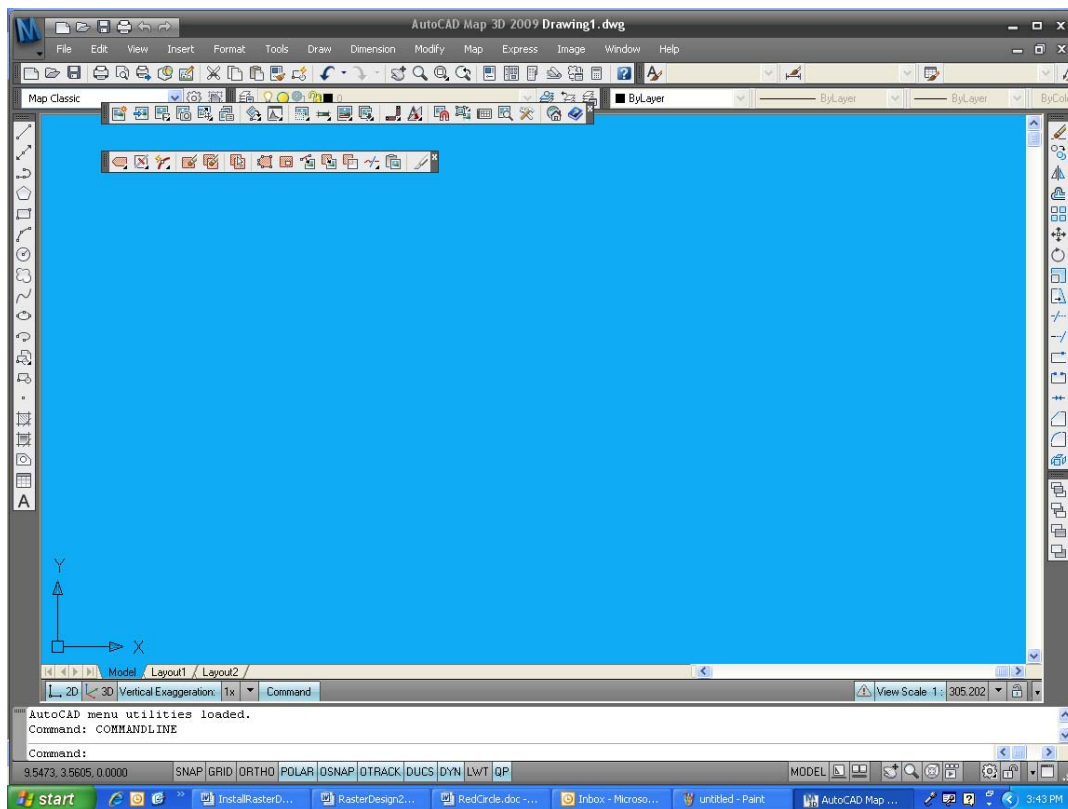
OR



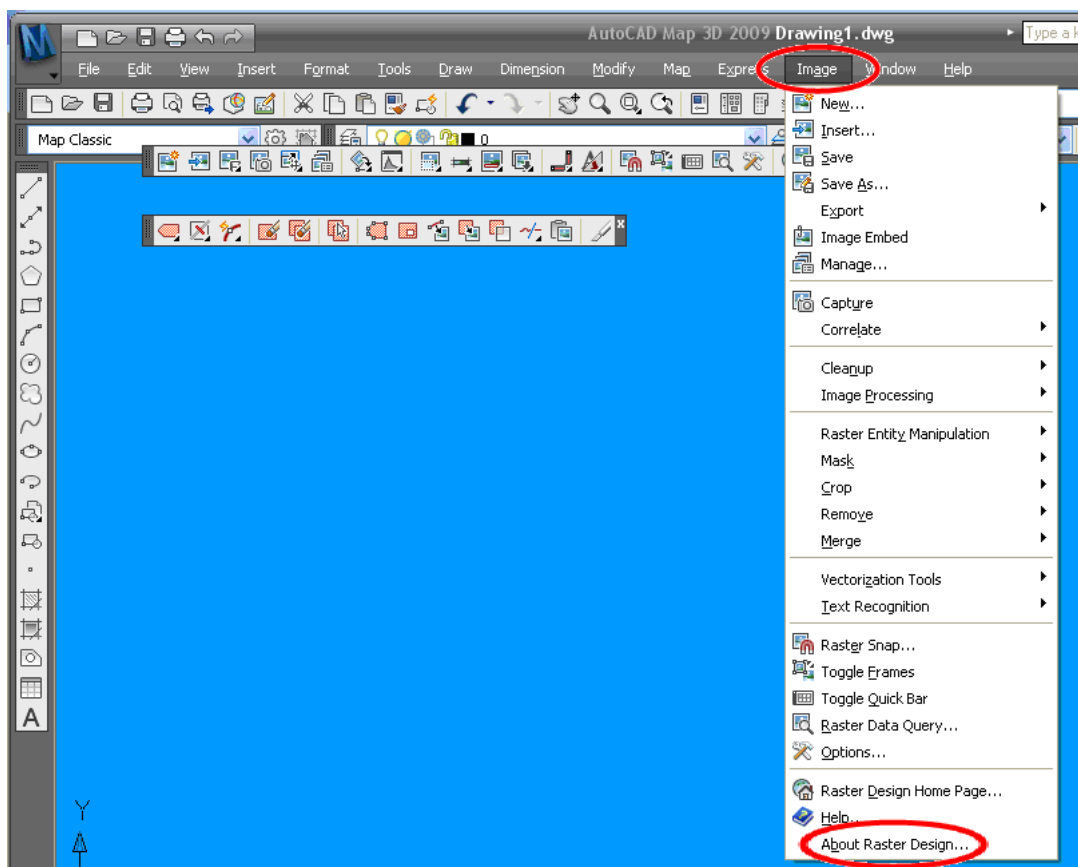
- If the 'New Features Workshop' window appears, select the circle next to 'Maybe later' to enable the user to be reminded of the New Features Workshop on the next program launch.
- Click **OK** to continue.
- If the 'New Features Workshop' window does not appear, it may have been turned off by the user in a previous session (just continue to the next step). The 'New Features Workshop' can be accessed at any time from the program 'Help' menu.



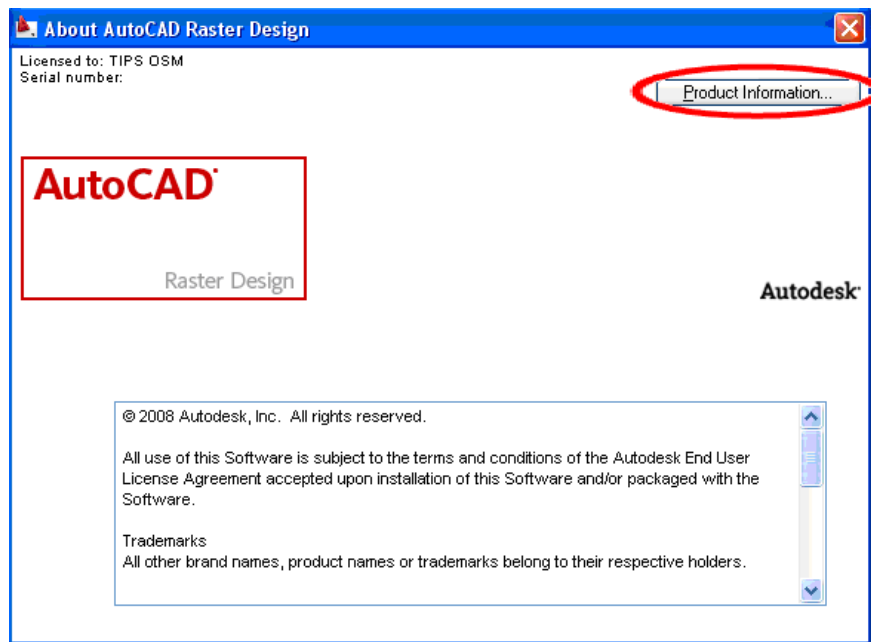
- The program should open as shown below...



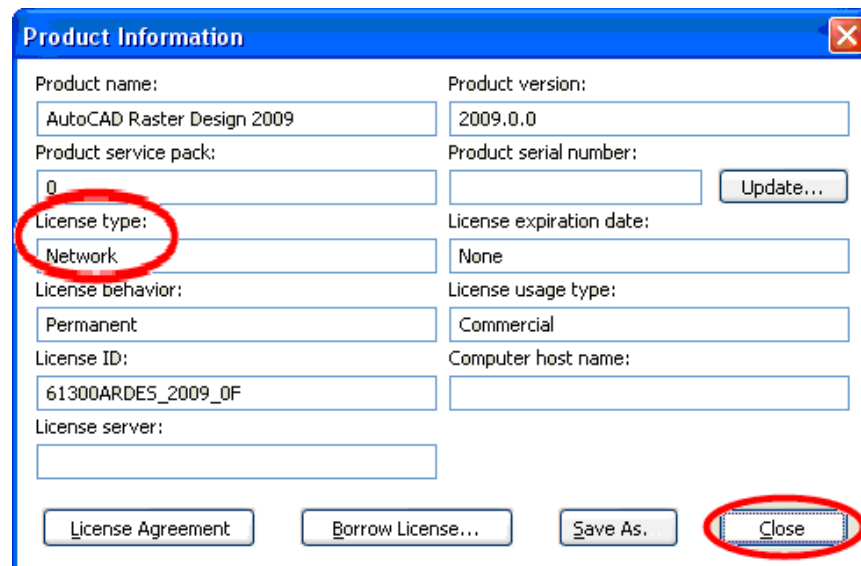
- To verify that the client installation has performed properly, go to the 'Image' menu dropdown and click **About Raster Design....**



- Click on the **Product Information** button.



- Verify that the value for 'License type' is 'Network'. If the value is anything else, the installation did not perform properly and the licensing is not valid.
- After verifying the settings, click **Close**.



- Click on the 'X' in the upper right corner of the 'About AutoCAD Raster Design' window to close it.



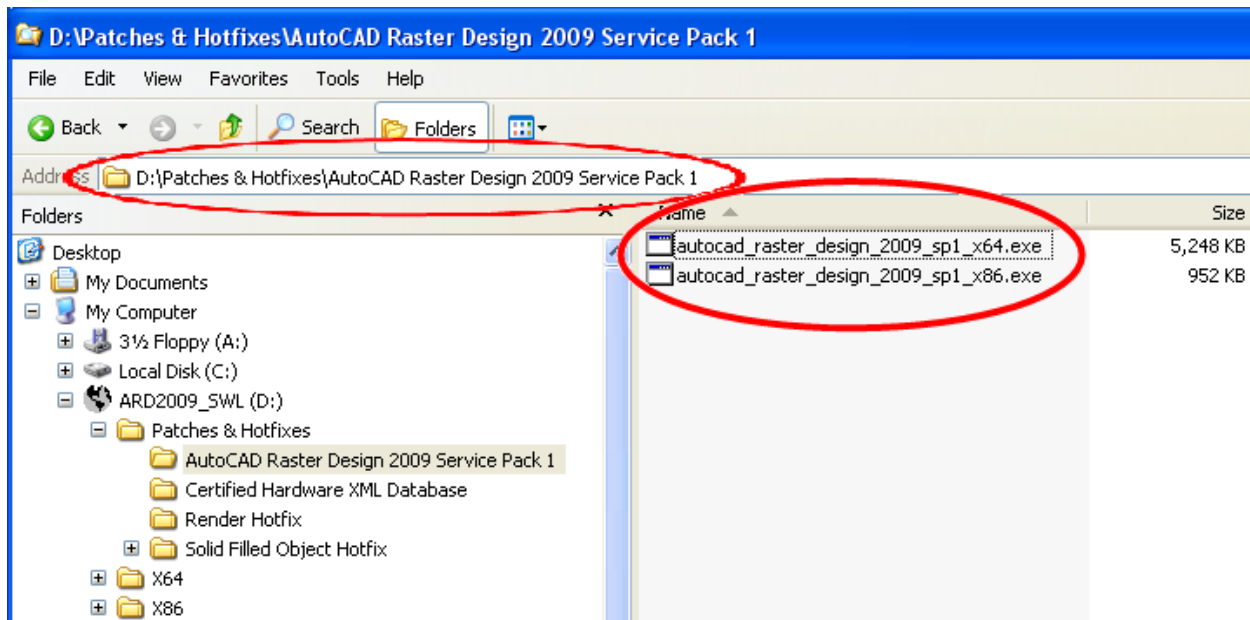
- Go to the 'File' menu pulldown and click **Exit** to close the program.
- Proceed to the installation of Service Pack 1 (or more current Service Pack).

Install Service Pack 1 on Client Machines

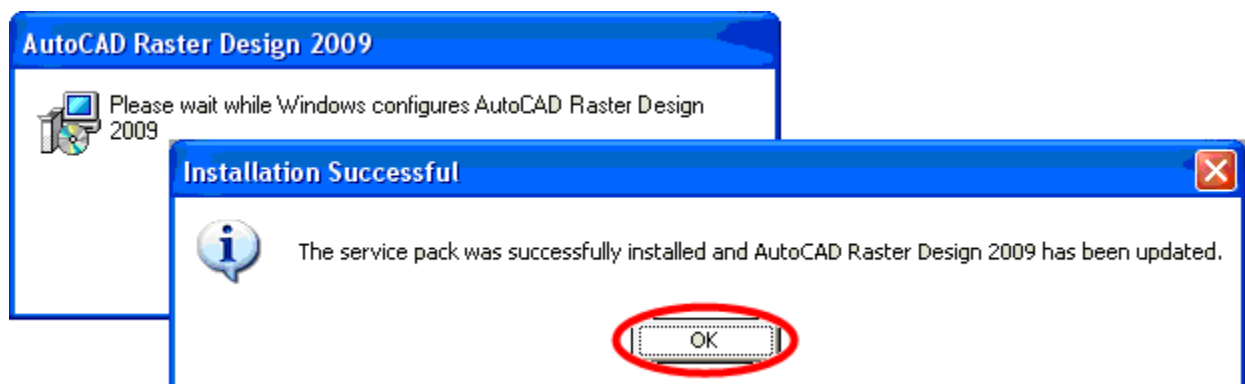
Service Pack 1 (i.e., SP1) was the latest available at the time of the TIPS software distribution and can be found on the distribution DVD in the Patches & HotFixes folder.

Visit <http://www.autodesk.com/support> to check for more current issues. Newer versions, if available, would be downloaded and installed as directed by Autodesk.

- To initiate installation of SP1, browse/navigate to <DVD DRIVE>:\Patches & Hotfixes\AutoCAD Raster Design 2009 Service Pack 1.
- Double click on the appropriate 'exe' file.
 - For 32-bit installations (most users), **autocad_raster_design_2009_sp1_x86.exe**
 - For 64-bit installations, **autocad_raster_design_2009_sp1_x64.exe**



- Installation will begin and should take approximately 1 minute to complete.
- Click **OK** on 'Installation Successful' window to exit.



- **Optional Verification:** Verification that the service pack has been installed can be accomplished as done above for the main program (see pages 13-15, above).
- In summary, open AutoCAD Raster Design 2009; select **About Raster Design** from the 'Image' menu dropdown; then, click **Product Information** in the 'About Raster Design' window.
- On the 'Product Information' window, verify that the value for 'Product service pack' is 'Service Pack 1' (or later, if newer service pack is installed).
- After verifying the settings, click **Close**.

The screenshot shows the 'Product Information' dialog box with the following fields and values:

Product name:	AutoCAD Raster Design 2009	Product version:	2009.0.0
Product service pack:	Service Pack 1	Product serial number:	
License type:	Network	License expiration date:	None
License behavior:	Permanent	License usage type:	Commercial
License ID:	61300ARDES_2009_OF	Computer host name:	
License server:			

Buttons at the bottom: License Agreement, Borrow License..., Save As..., and Close (circled in red).

- Click on the 'X' in the upper right corner of the 'About AutoCAD Raster Design' window to close it.



- Go to the 'File' menu dropdown and click **Exit** to close the program.
- This completes installation of Raster Design 2009.
- Other updates available at the time of this distribution can be found on the DVD in the Patches & HotFixes directory (i.e., <DVD DRIVE>:\Patches & Hotfixes\).
- Note that the 'Solid Filled Object Hotfix' update contained on the DVD has been applied automatically if the TIPS distribution disk was used for deployment/installation; there is no need to apply the hotfix separately.
- Visit <http://www.autodesk.com/support> to check for the latest updates and service packs.
- If you have any questions or difficulties, contact Tom Mastaller at (412) 937-2108 or TMASTALLER@OSMRE.GOV; if Tom is unavailable, contact Tonya Buckmaster at (276) 523-0042 x13 or TBUCKMASTER@OSMRE.GOV.