

# TIPS AutoCAD Map 3D 2009 Installation Instructions

## Getting Started

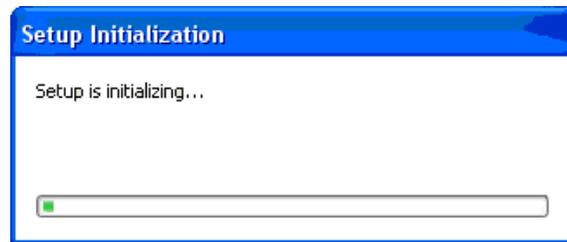
- Before starting the installation process, you will need the following:
  - AutoCAD Map 3D 2009 disk. Note that the 2009 version is distributed on a single DVD.
  - Serial number and environment variable information provided with the distribution.
  - A network shared folder (if creating a network deployment 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 2.35 GB of disk space.
  - Approximately 45 minutes to create the deployment image; thereafter, 20 – 30 minutes to install the program on each user machine (including verification of the installation).

## General Overview

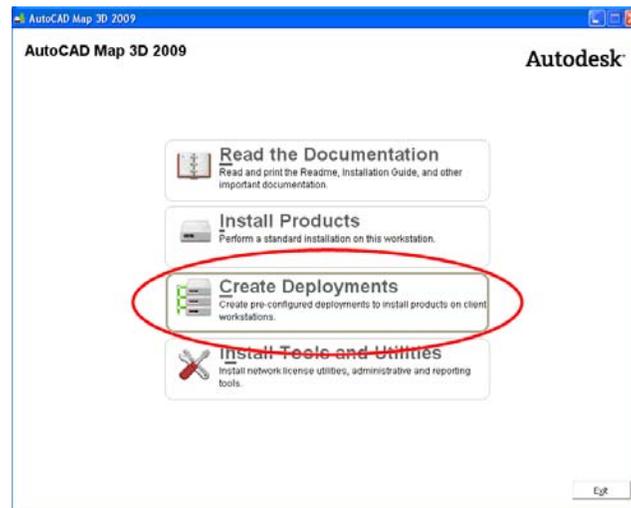
1. Deployment Image (Recommended) - Although AutoCAD Map 3D 2009 can be installed directly on each client (i.e., user) machine, we recommend that a network deployment image be created and used for consistent installation. The deployment image allows you to control what gets installed on the individual 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 Map 3D 2009 at least once before installing any updates or associated software (e.g., AutoCAD Raster Design, 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 Render Hotfix is applied as part of Service Pack 1; the Open Close Save Hotfix should be applied after installation of Service Pack 1. 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](mailto:TMASTALLER@OSMRE.GOV); if Tom is unavailable, contact Tonya Buckmaster at (276) 523-0042 x13 or [TBUCKMASTER@OSMRE.GOV](mailto:TBUCKMASTER@OSMRE.GOV).

## Insert the AutoCAD Map 3D 2009 Installation DVD

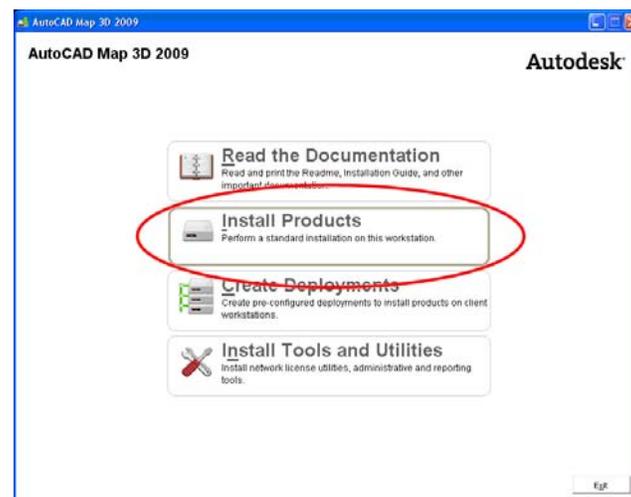
- Insert the disk labeled AutoCAD Map 3D 2009 (If the setup does not start automatically, browse to <DVD DRIVE>:\setup.exe to initialize).



- **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.

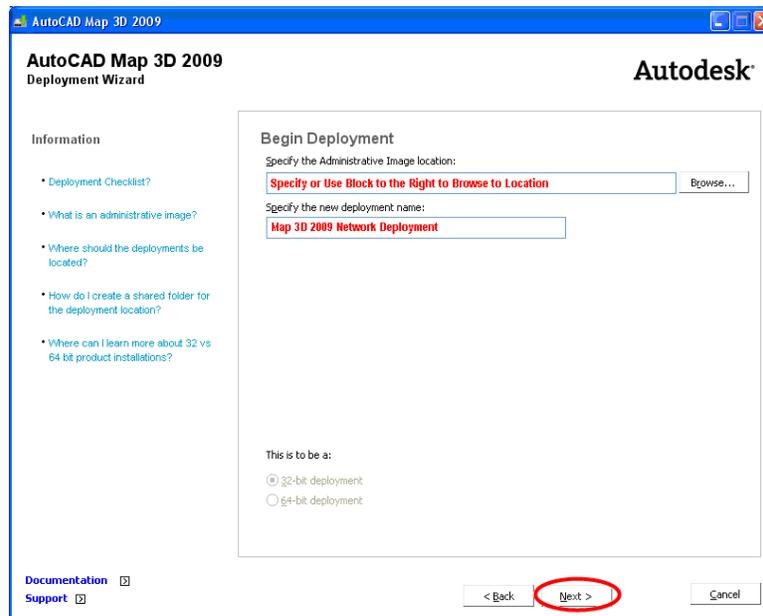


- **Optional Installation:** Click **Install Products**. This will initiate direct installation of the software on the current user machine; installation configuration will have to be repeated for each user.

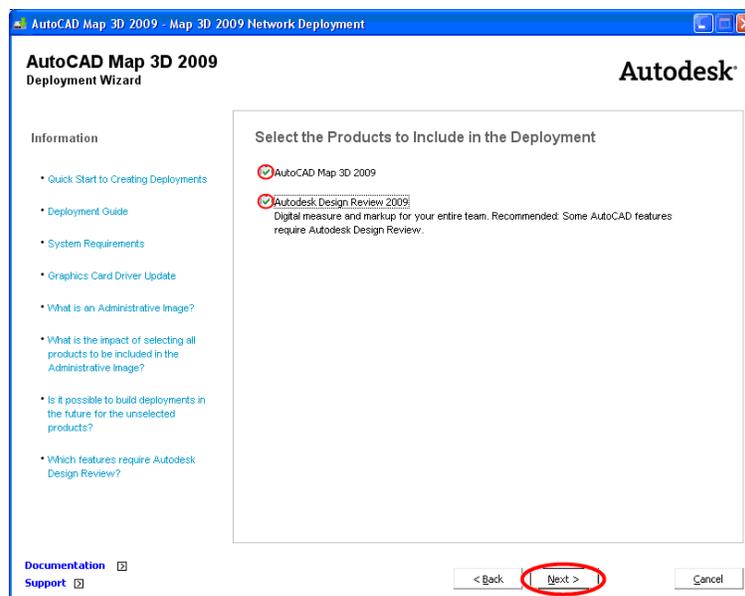


## Create a Network Deployment Image

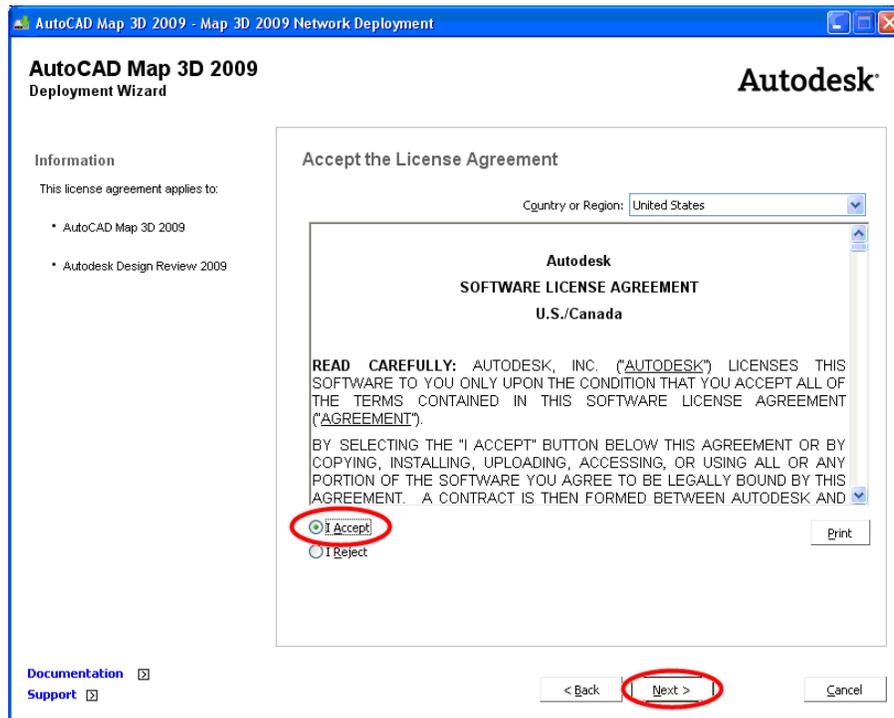
- Specify (or “Browse” to select) a Network Directory location where the deployment image is to be created and later accessed for installation on user computers.
- Specify a name for the deployment (e.g., Map 3D 2009 Network Deployment). This names the associated program shortcut for the deployment.
- Click **Next**.
- Note: This window is not applicable if using the direct install option.



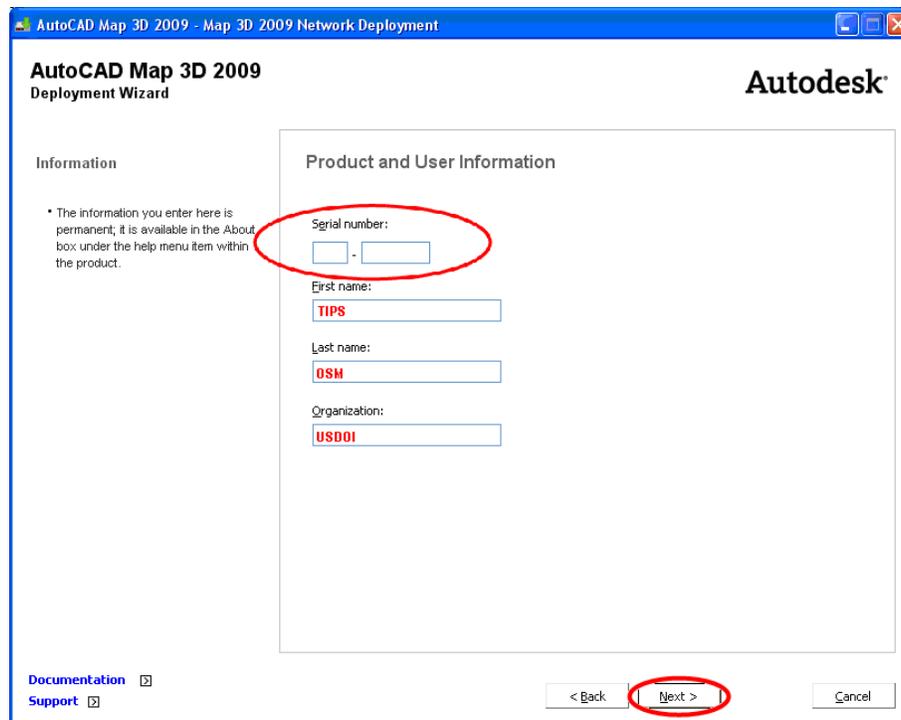
- Check the box next to ‘AutoCAD Map 3D 2009’ to include it in the deployment. The program requires between 2.0 and 2.2 GB of disk space on user computers, depending on configuration options.
- Optional (Recommended): Check the box next to ‘Autodesk Design Review 2009’ to include it in the deployment; this requires an additional 113 MB of disk space.
- Click **Next** to continue.



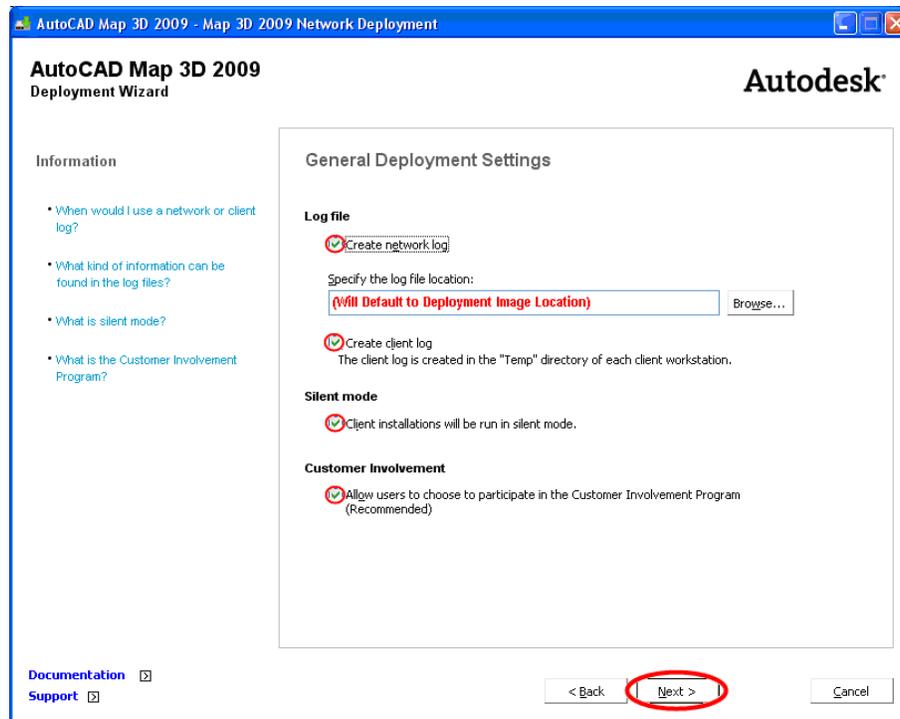
- Review license agreement and select (i.e., click in the circle next to) “I Accept” if acceptable.
- Click **Next** to continue.



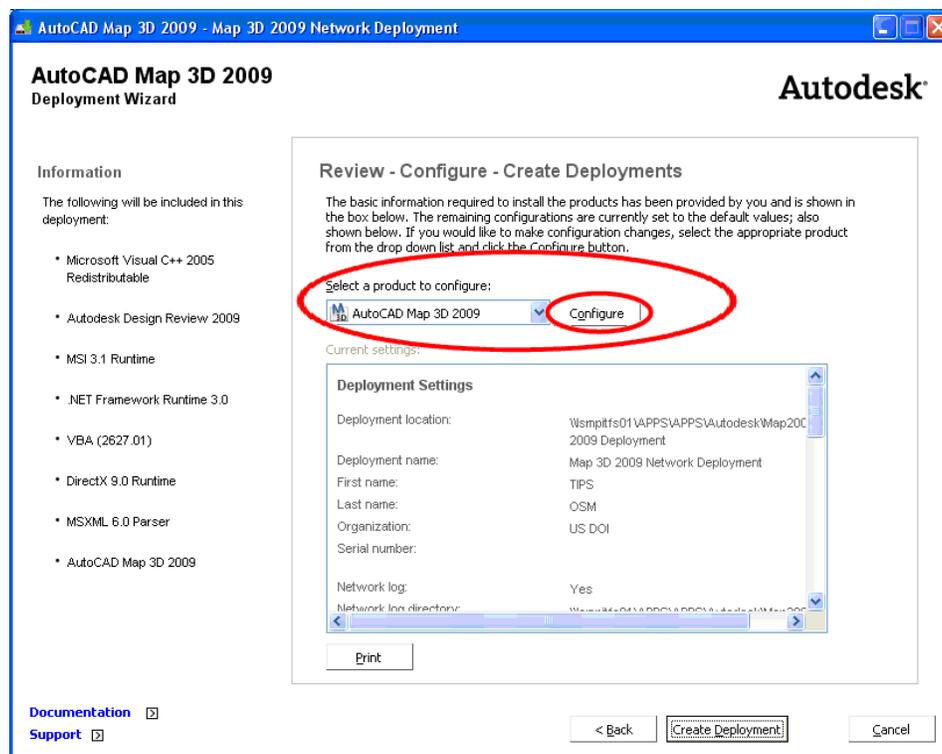
- Enter the serial number provided with the software distribution.
- Enter 'TIPS' as the First name; 'OSM' as the Last name; and, 'USDOJ' as the Organization to identify the installation as a TIPS product.
- Click **Next** to continue.



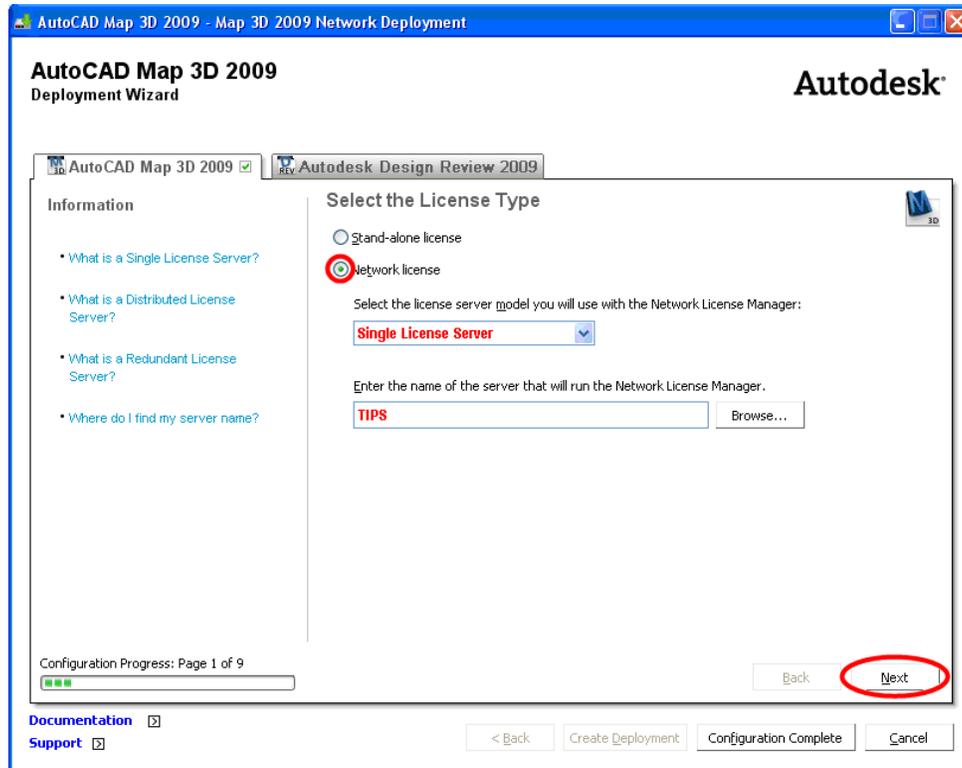
- Select the desired options for Log file, Silent mode installation, and Customer Involvement Program. The default options (as shown) are acceptable.
- Click **Next** to continue.
- Note: This window is not applicable if using the direct install option. Proceed to next step.



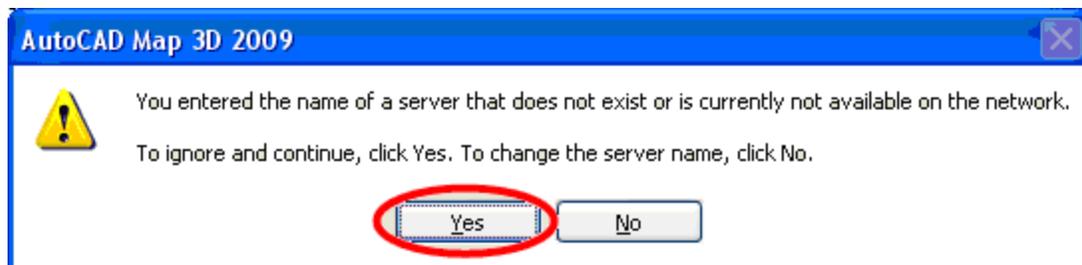
- Verify / select 'AutoCAD Map 3D 2009' as the product to be configured.
- Click **Configure** to proceed.



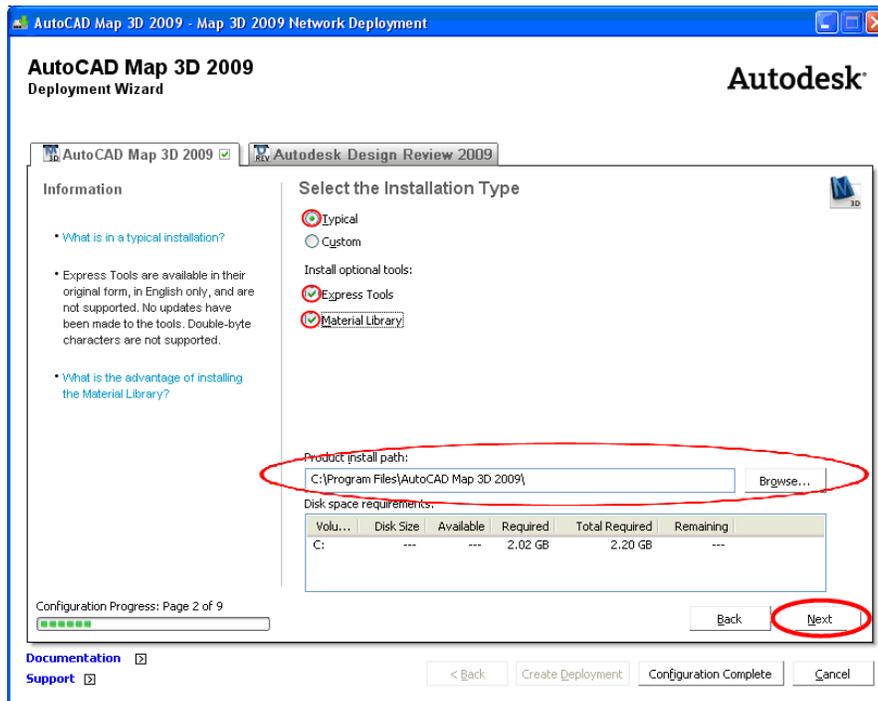
- Click the circle next to 'Network license'.
- Select the license server model 'Single License Server'.
- Enter 'TIPS' as the name of the license server.
- Click **Next** to continue.



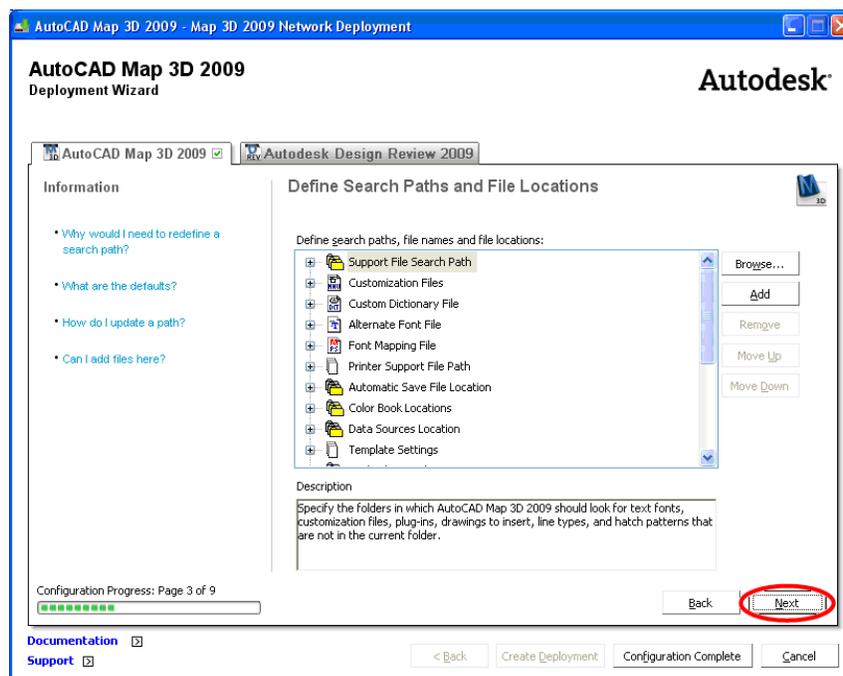
- You will get a warning that the server does not exist.
- Click **Yes** to ignore the warning and continue.



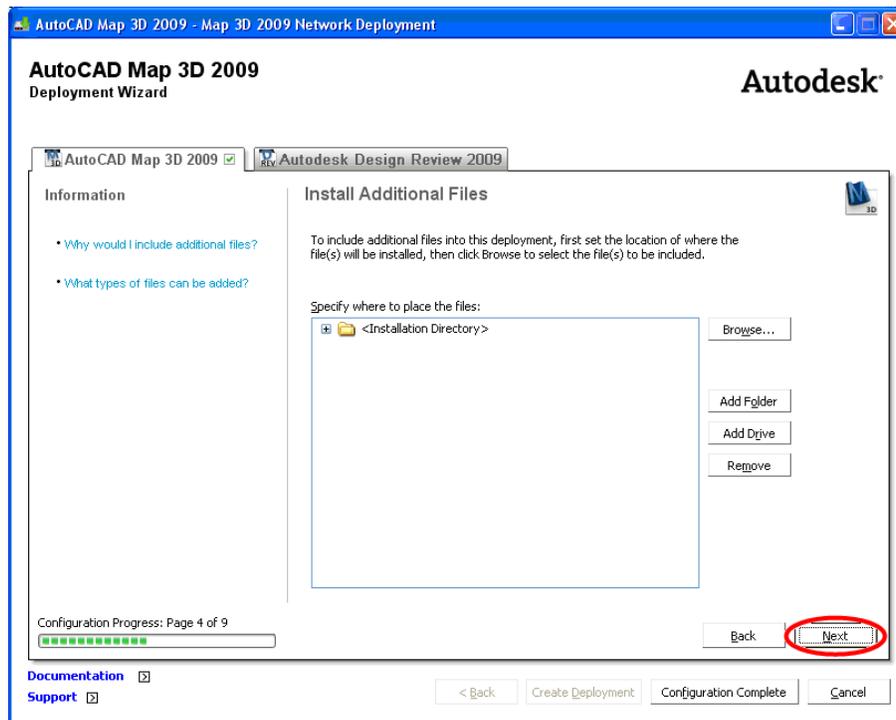
- Verify / select 'Typical' as the installation type and 'Express Tools' as an option.
- We also recommend installing the 'Materials Library.' This feature requires approximately 170 MB of the 2.2 GB of disk space indicated in the screen capture below.
- (If using the direct install option, there will also be a choice to create a desktop shortcut.)
- Verify the install path. The default 'C:\Program Files\AutoCAD Map 3D 2009\' is recommended.
- Click **Next** to continue. (If using the direct install option, continue to the bottom section of page 12.)



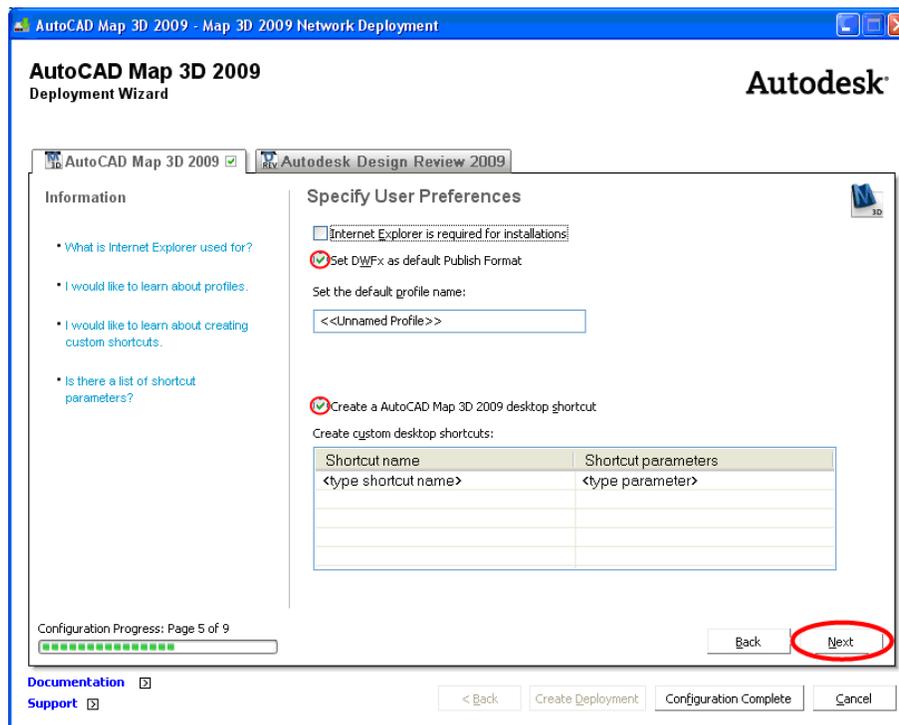
- This window allows for customization of various search paths and file locations. The defaults are suitable for most users.
- Click **Next** to continue.



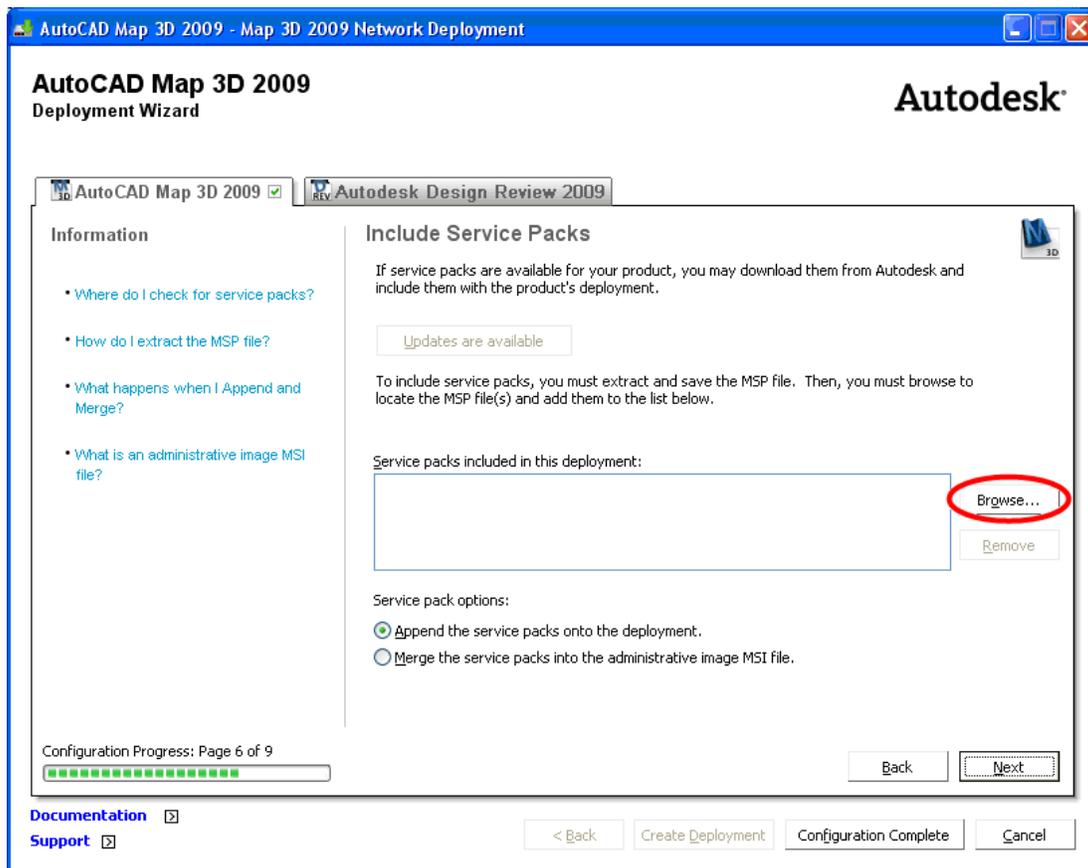
- This window allows for including additional files / folders as part of the deployment.
- Click **Next** to continue.



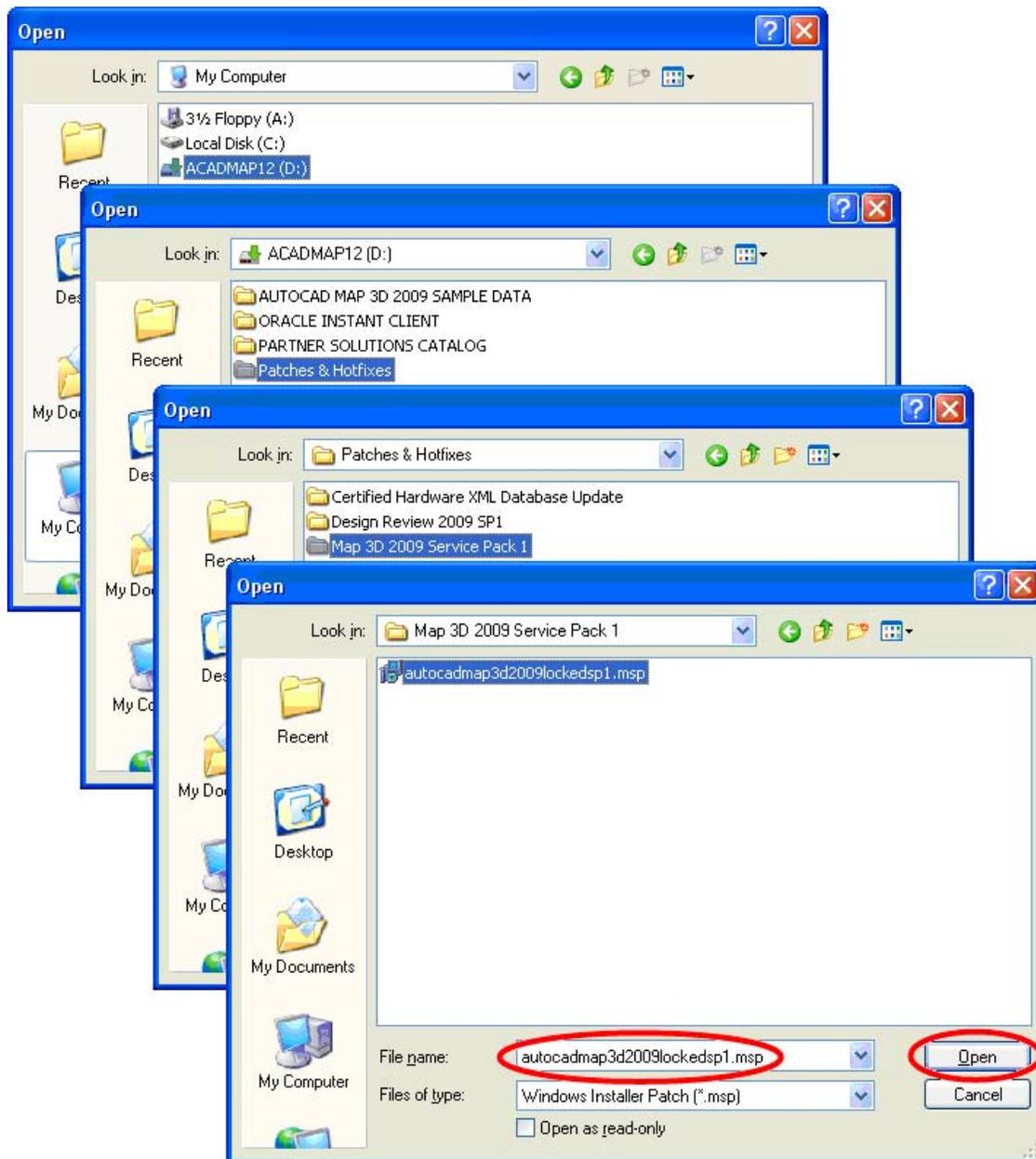
- Un-check / deselect the box next to 'Internet Explorer is required for installations.'
- The remaining default selections are acceptable and recommended.
- Click **Next** to continue.



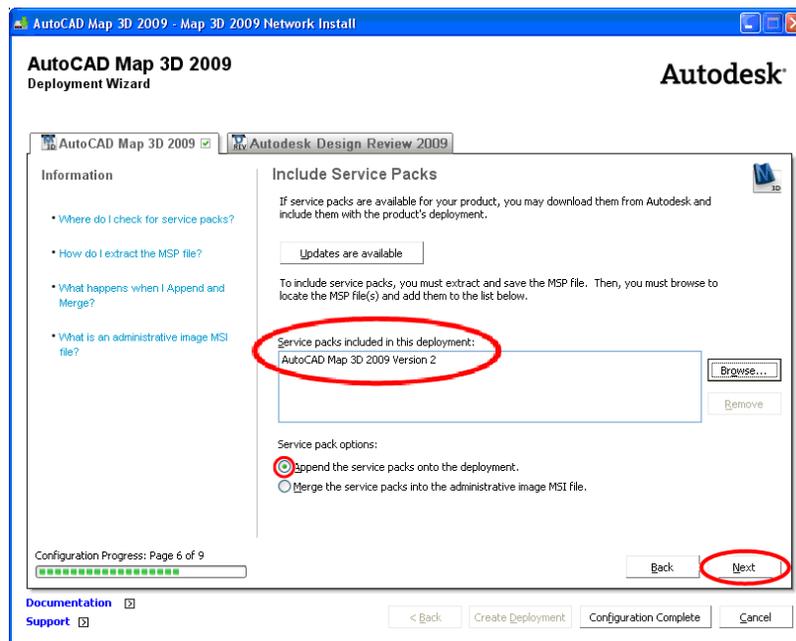
- This window allows the inclusion of Service Packs as part of the deployment. Service Pack 1 is included as part of the TIPS distribution (under the 'Patches & Hotfixes' directory on the DVD)
- Inclusion of the Service Pack in the Deployment is optional; if the deployment is created without the Service Pack, it can be installed after initial installation on user computers as shown below on pages 21 – 22.
- To include the service pack with the deployment image, click **Browse**.
- To skip inclusion of the service pack, click **Next** and proceed to page 11 (bottom).



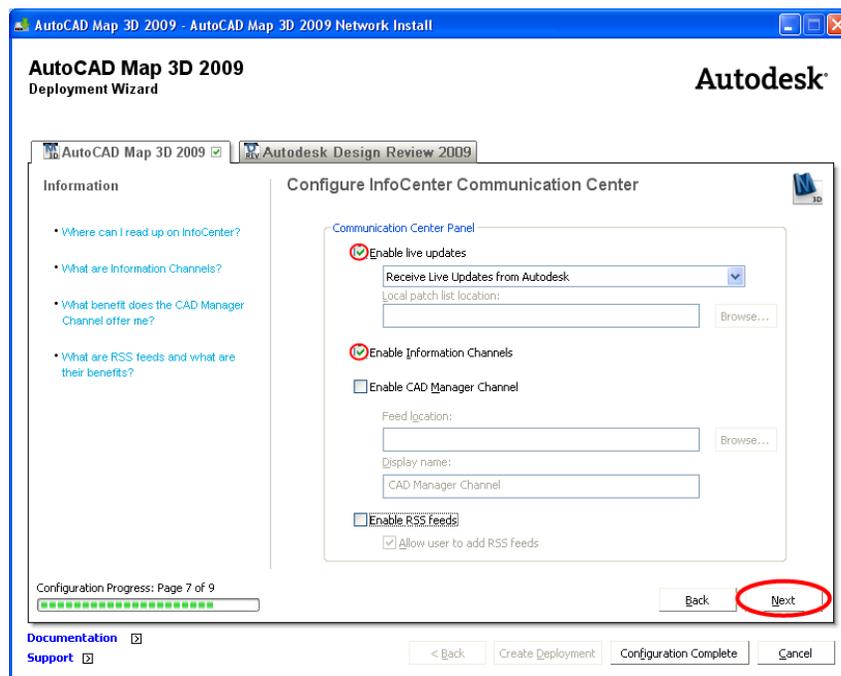
- Navigate to the .msp file on the DVD (e.g., ACADMAP12(D:)\Patches & Hotfixes\Map 3D 2009 Service Pack 1\).
- Select the file 'autocadmap3d2009lockedsp1.msp' and click **Open**.



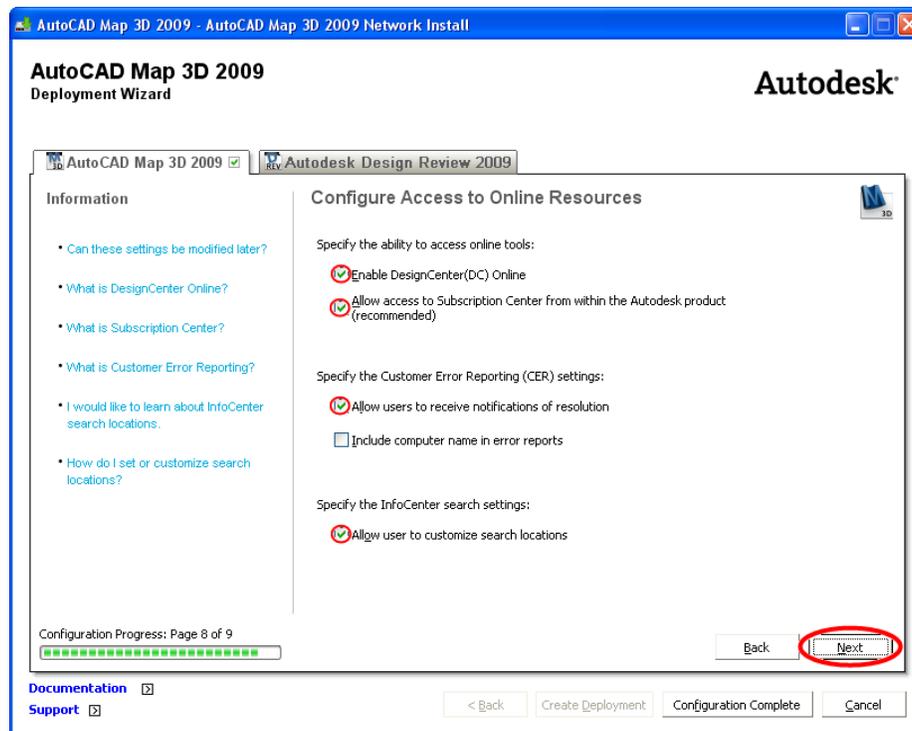
- Verify that that 'AutoCAD Map 3D 2009 Version 2' is listed as included.
- Verify that 'Append service packs onto the deployment' is selected.
- Click **Next** to continue.



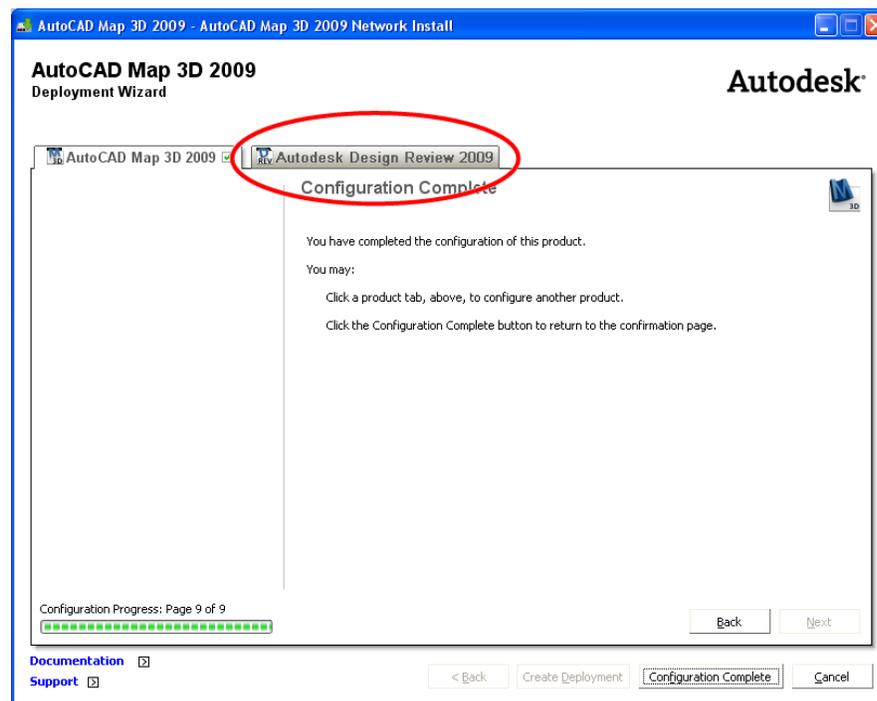
- It is recommended that 'Enable live updates' and 'Enable Information Channels' are selected; this ensures that users are made aware of program updates and issues.
- 'Enable CAD Manager Channel' and 'Enable RSS feeds' are not necessary / recommended for the typical TIPS user.
- Click **Next** to continue.



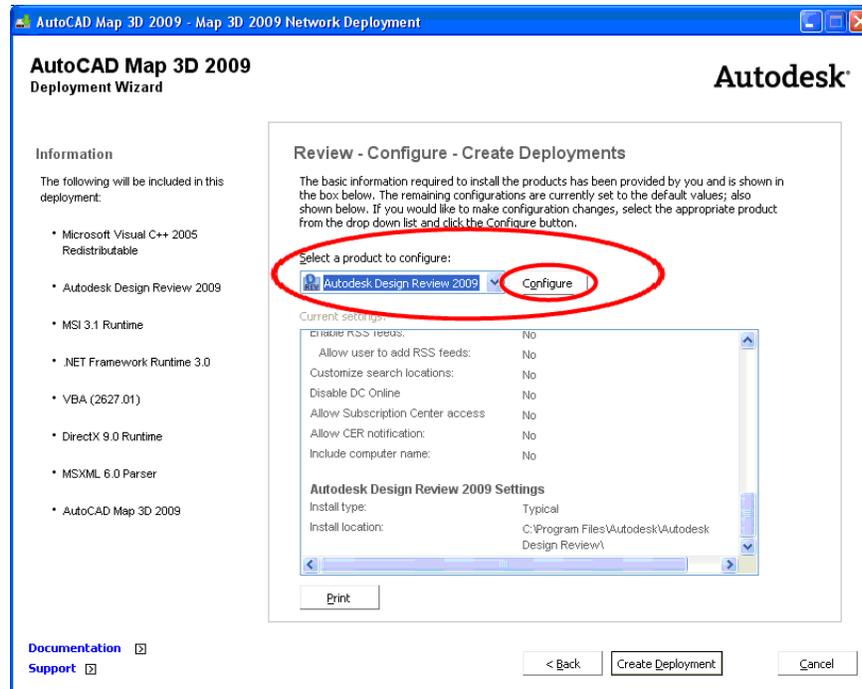
- Configuration defaults (as shown) are recommended for Access to Online Resources.
- Click **Next** to continue.



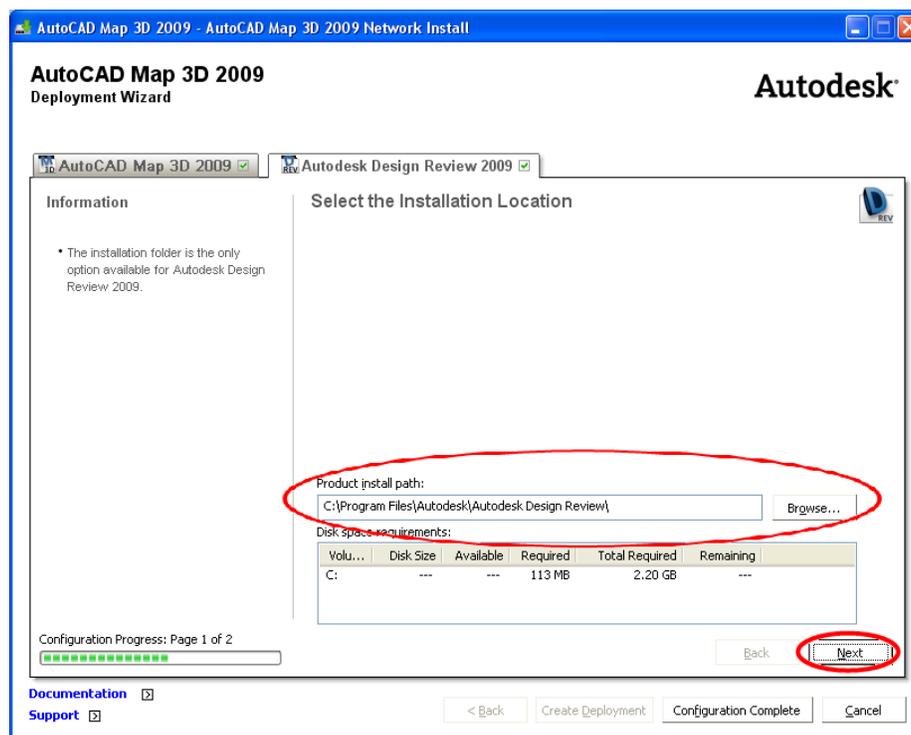
- This completes the configuration for AutoCAD Map 3D 2009.
- Click on the 'Autodesk Design Review 2009' tab to verify configuration for that optional program. Note that if you chose not to install Design Review (page 3, above), the tab will not be available (in that case, proceed to page 14.).



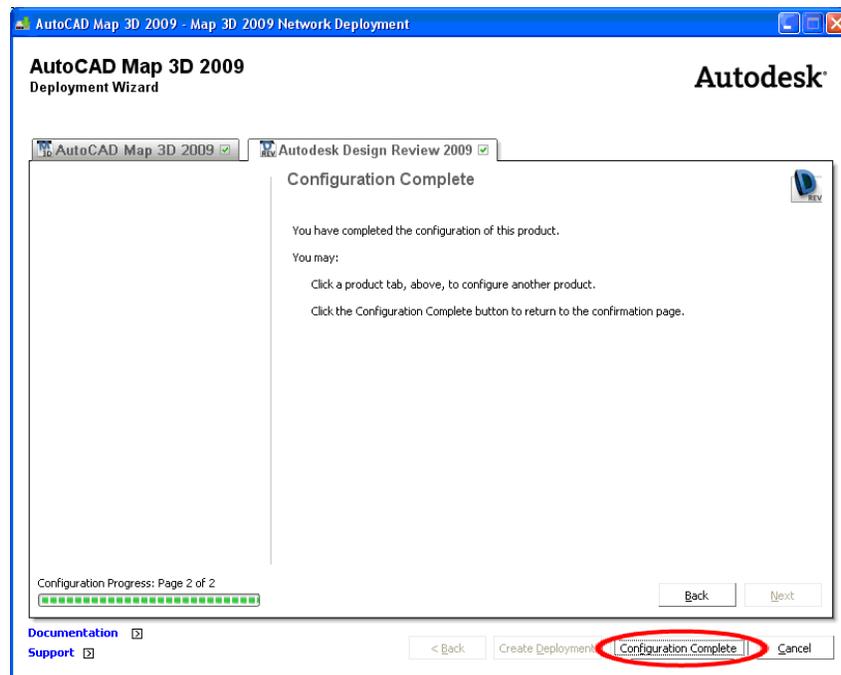
- Verify / select 'AutoCAD Design Review 2009' as the product to be configured.
- Click **Configure** to proceed.



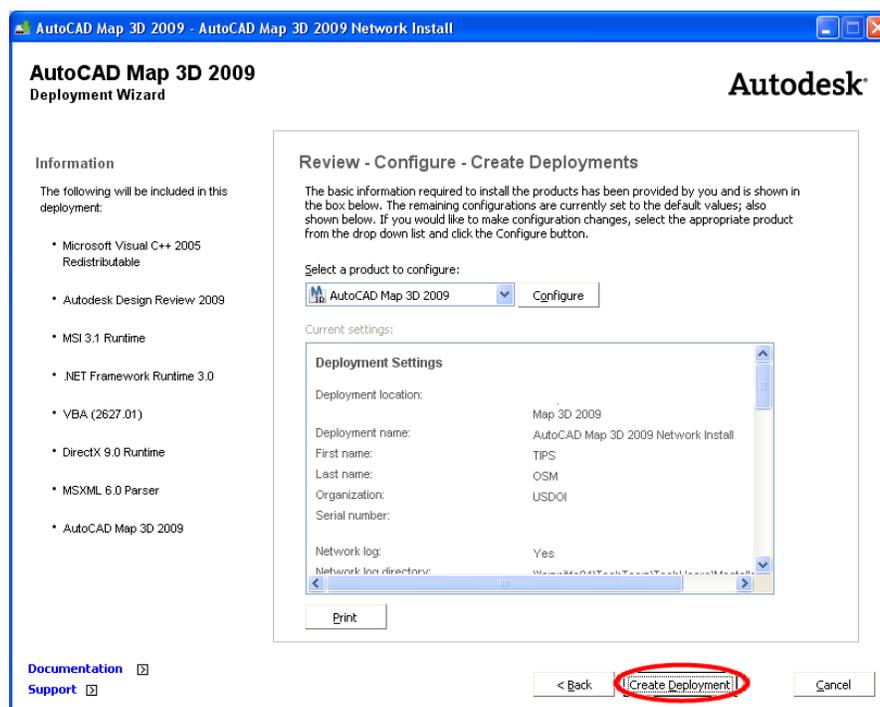
- Verify the install path. The default 'C:\Program Files\Autodesk\Autodesk Design Review\' is recommended.
- (If using the direct install option, there will also be a choice to create a desktop shortcut.)
- Click **Next** to continue.



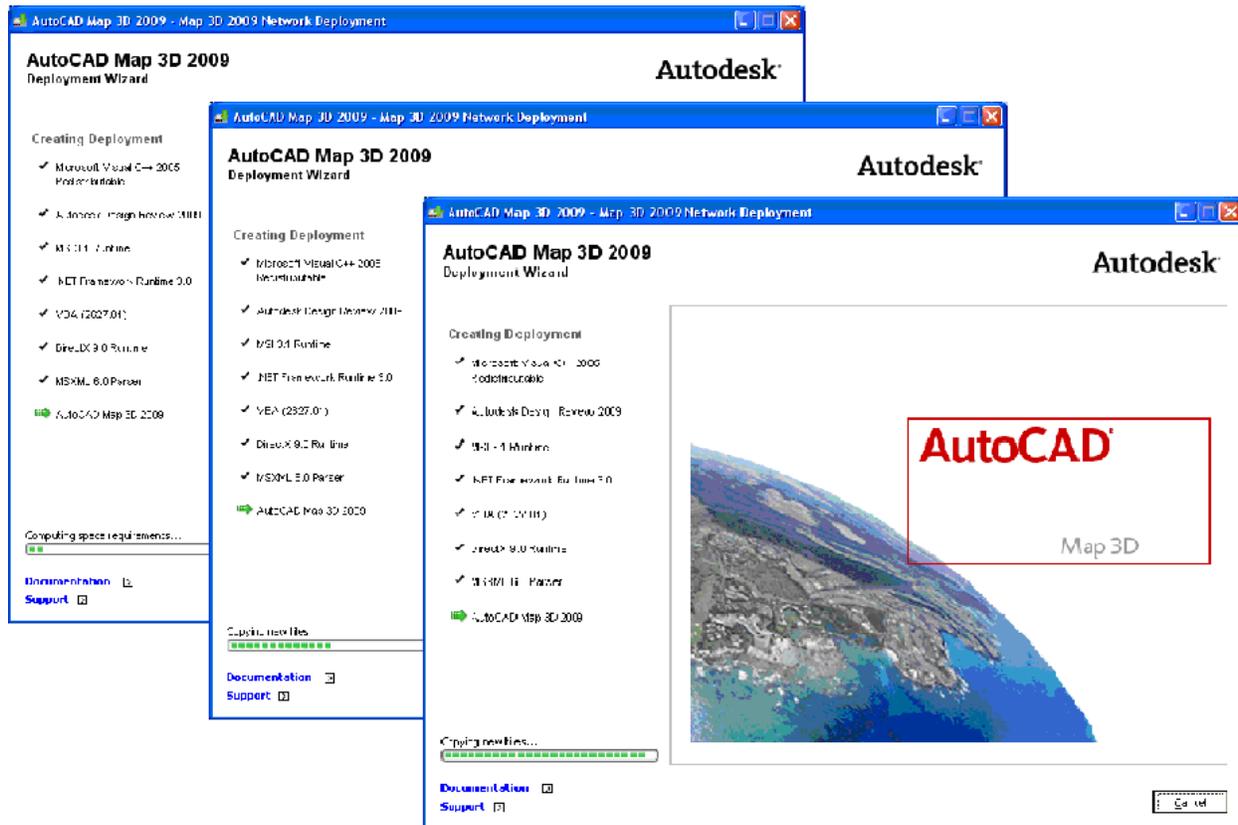
- This completes the configuration for Autodesk Design Review 2009 and / or AutoCAD Map 3D 2009.
- Click **Configuration Complete** to continue.



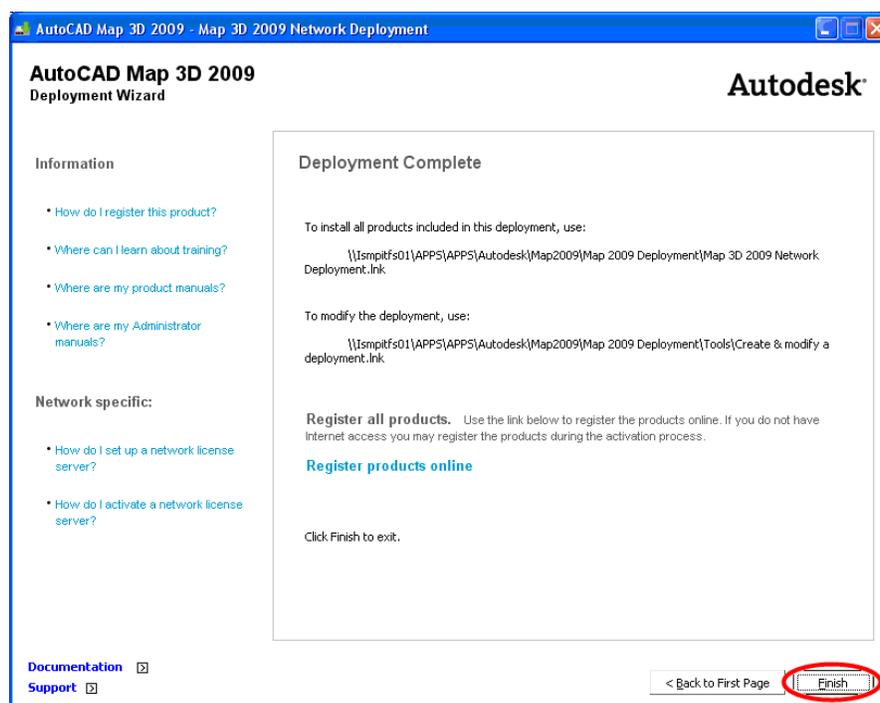
- Review the settings to ensure that the configuration is as intended. If desired, you can also print the settings for your records.
- If settings are correct, click **Create Deployment** to continue.
- If using the direct install option, click **Install**; the installation should complete in approximately 20 minutes. At that point click **Finish** and continue on to 'Verify Installation / Network Licensing' on page 17.



- 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 30 minutes.

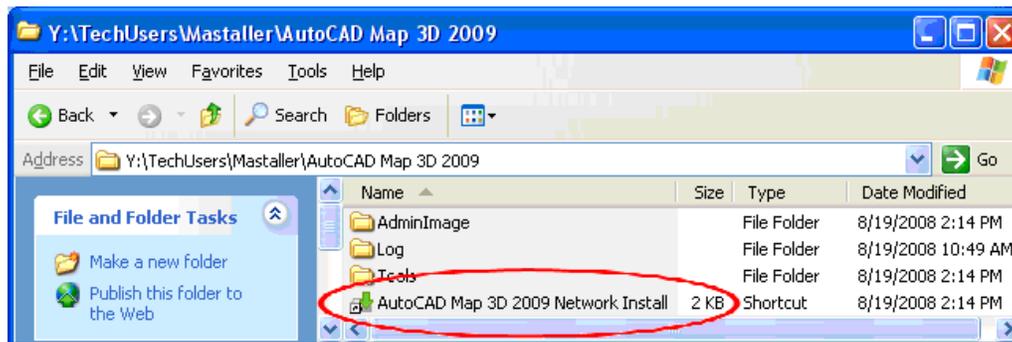


- When the process has completed, note the links for product installation and deployment modification shown on the summary window.
- Click **Finish** to complete the process and exit.

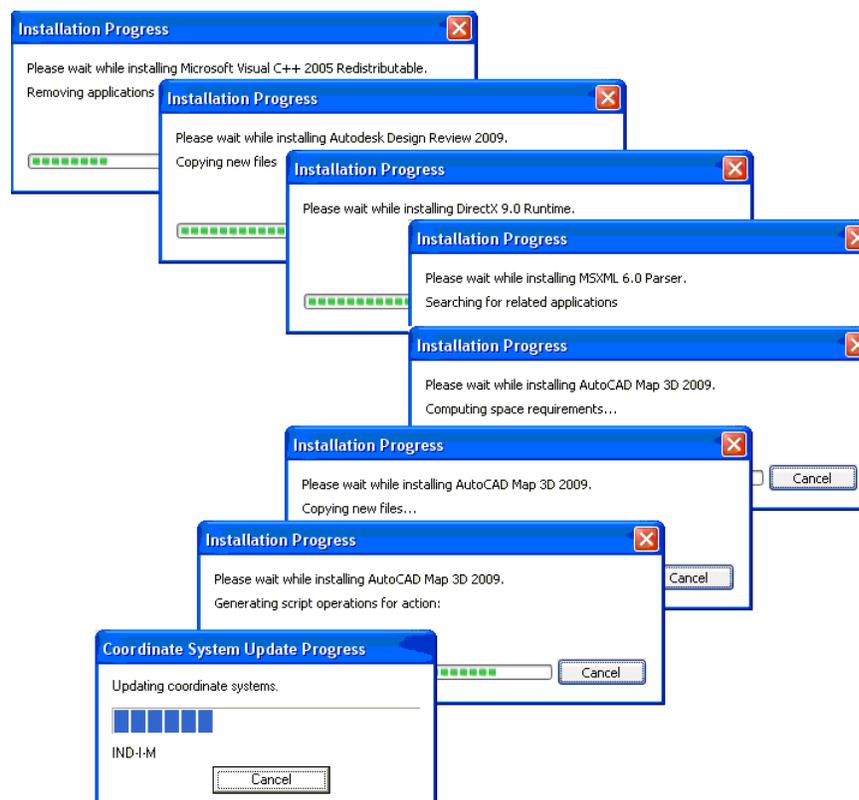


## Install AutoCAD Map 3D 2009 on Client Machines

- 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 the step on bottom of page 15.).
- Double click on the shortcut in this directory. It will have what ever name you specified during creation of the deployment image (see page 3 and / or the bottom section of page 15).
- 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.



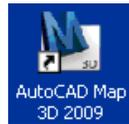
- Installation will begin and should take 15 - 20 minutes to complete, depending on network connection and client machine speed.



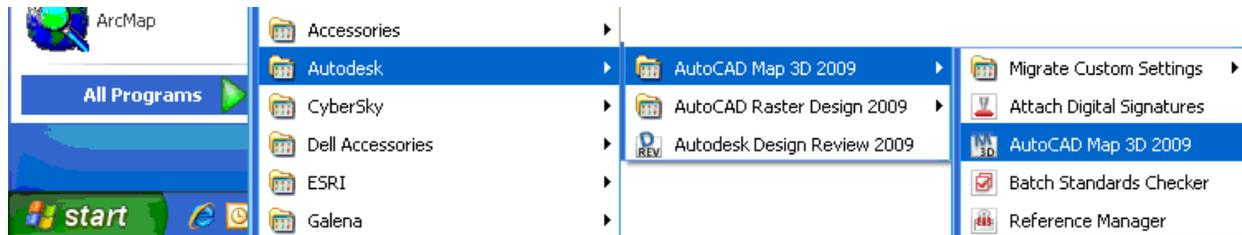
- Note that the status window will simply close (i.e., disappear) when installation is complete. There will not be a “notice” that the installation was successful.

## Verify Installation / Network Licensing

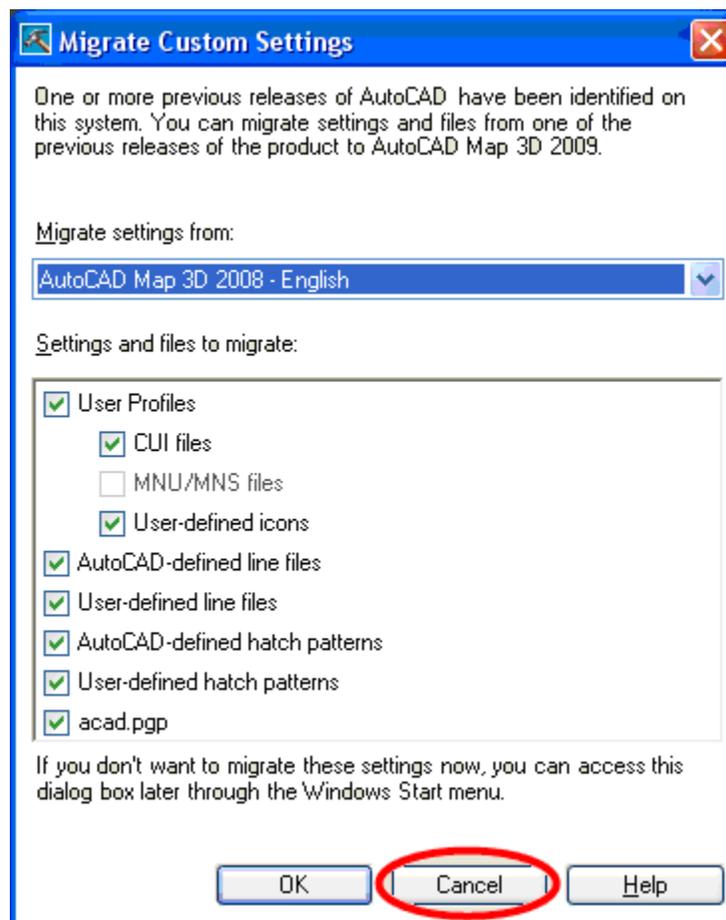
- Have the user login and launch AutoCAD Map 3D 2009 from the Start Menu or from the desktop shortcut.



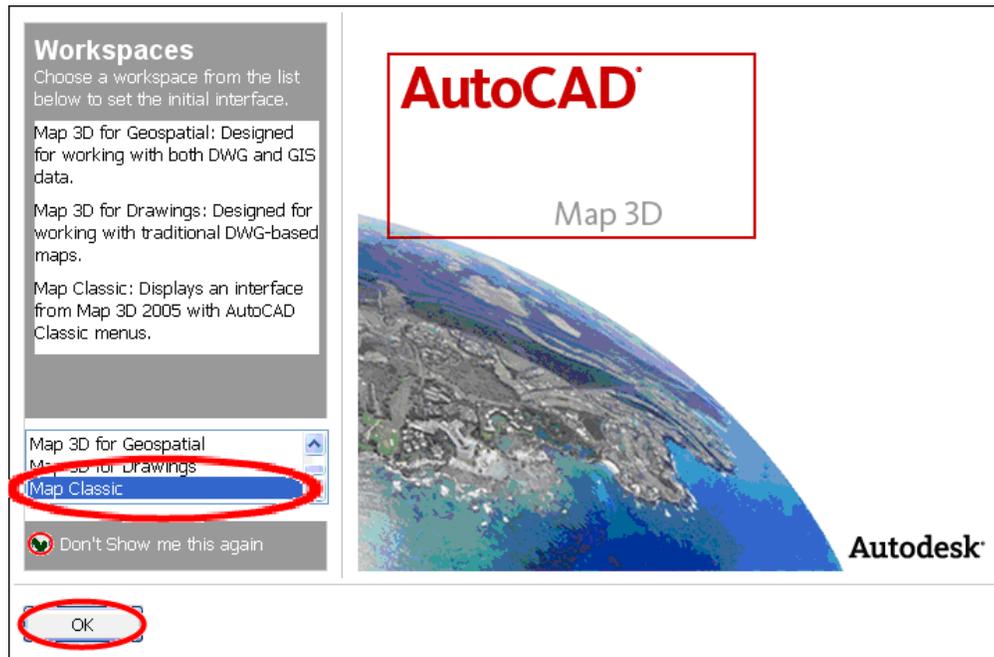
OR



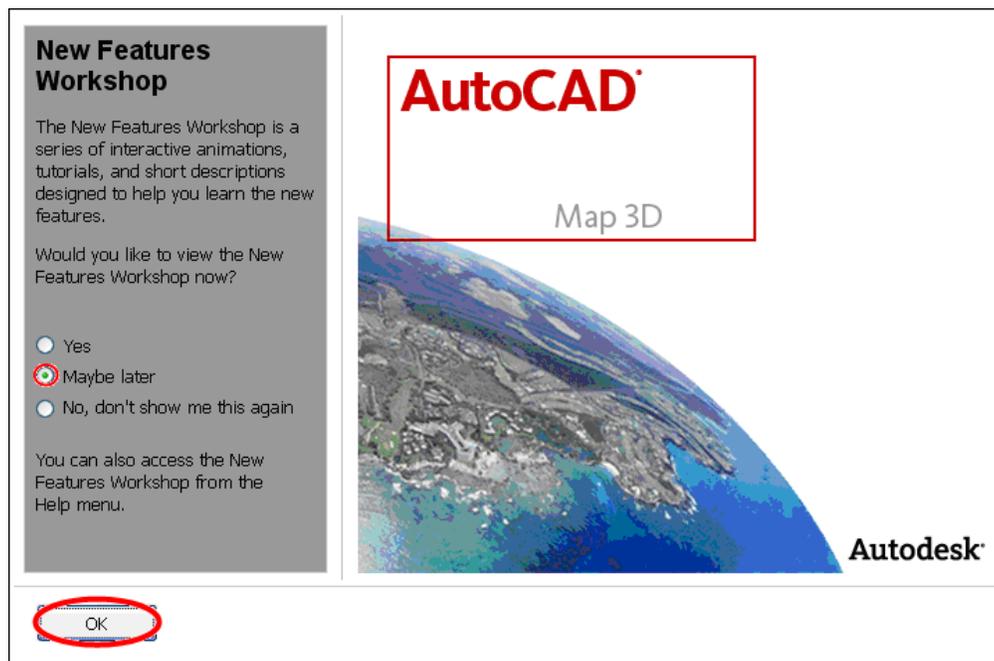
- The Migrate Custom Settings window allows the user to import custom settings from previous versions of the software. **However, there have been problems reported with such migrations that result in toolbar menu problems for the previous version. As such, it is STRONGLY RECOMMENDED THAT MIGRATION NOT BE USED.**
- Click on **Cancel** to continue without migrating settings..



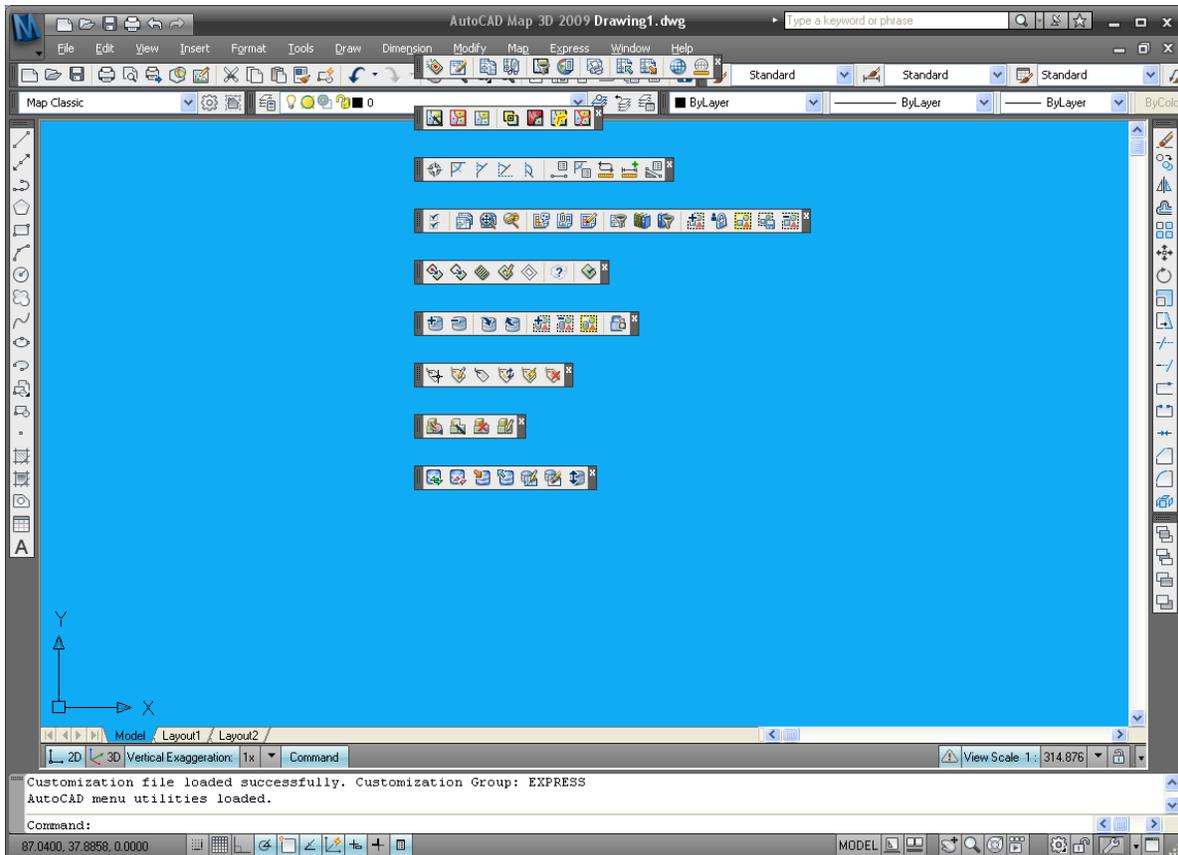
- Scroll to and select 'Map Classic' as the default workspace.
- Check the box next to 'Don't Show me this again.'
- Click **OK** to continue.



- Select the circle next to 'Maybe later' to enable the user to be reminded of the New Features Workshop on the next program launch (The New Features Workshop can also be accessed at any time from the program 'Help' menu.).
- Click **OK** to continue.



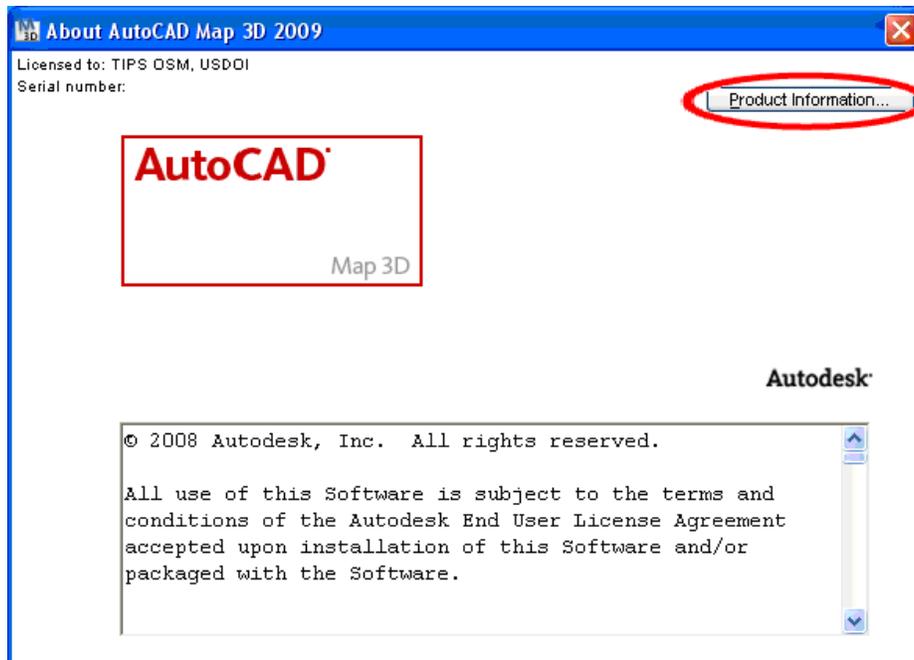
- The program will open...



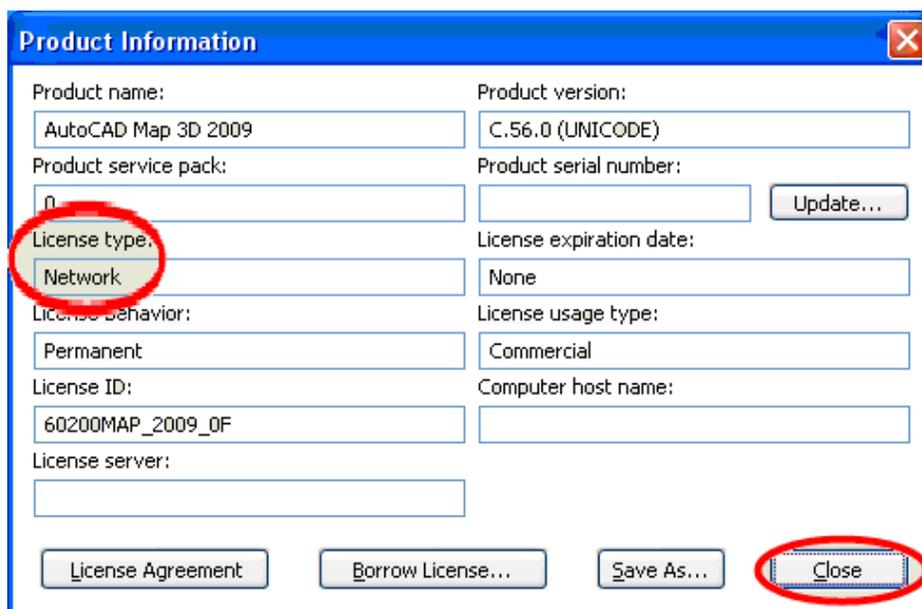
- To verify that the client installation has performed properly, go to the 'Help' menu pulldown and click **About AutoCAD Map 3D**.



- 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.
- Note: If service pack 1 was included with the deployment, the 'Product service pack' value will be 'AutoCAD Map 3D 2009 Version 2' rather than '0' as shown.
- After verifying the settings, click **Close**.



- Go to the 'File' menu pulldown and click **Exit** to close the program.
- Proceed to the installation of Service Pack 1, below (if not previously applied as part of the deployment image).

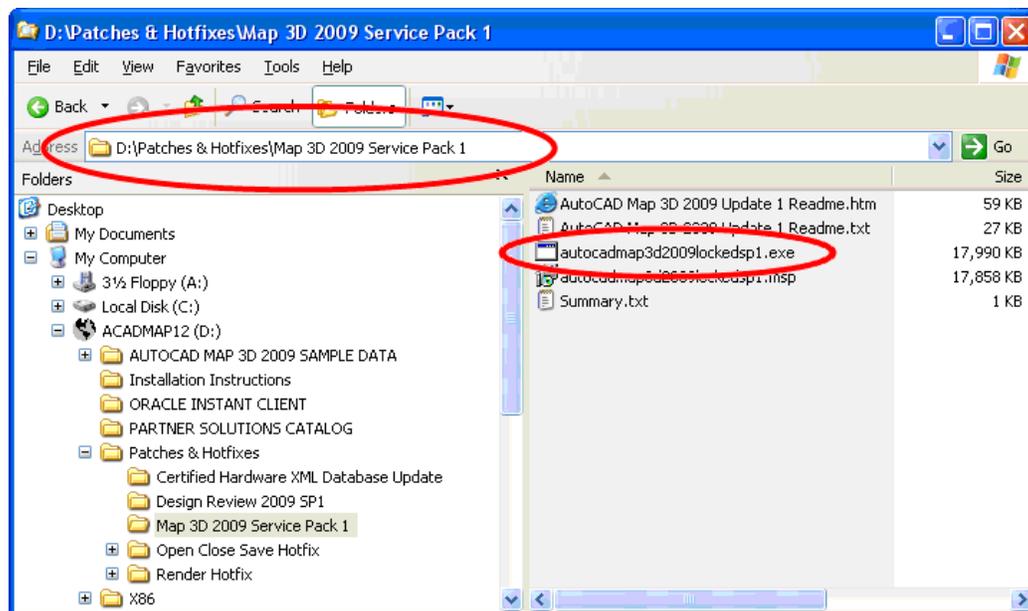
## Install Service Pack 1 on Client Machines

*This procedure is necessary only if using the direct install option or the service pack was not included with the deployment image as discussed on page 9.*

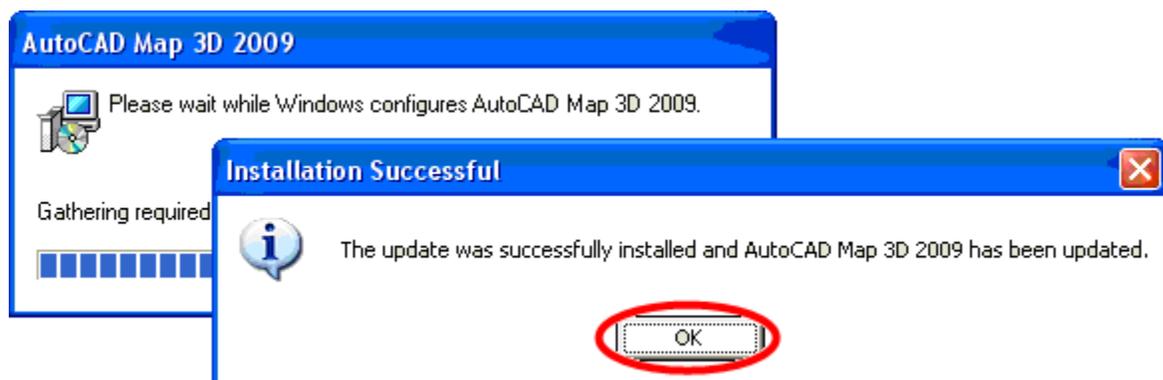
Service Pack 1 (i.e., SP1) was the latest available at the time of the TIPS software distribution and can be found on the distribution DVD in the Patches & HotFixes folder.

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.

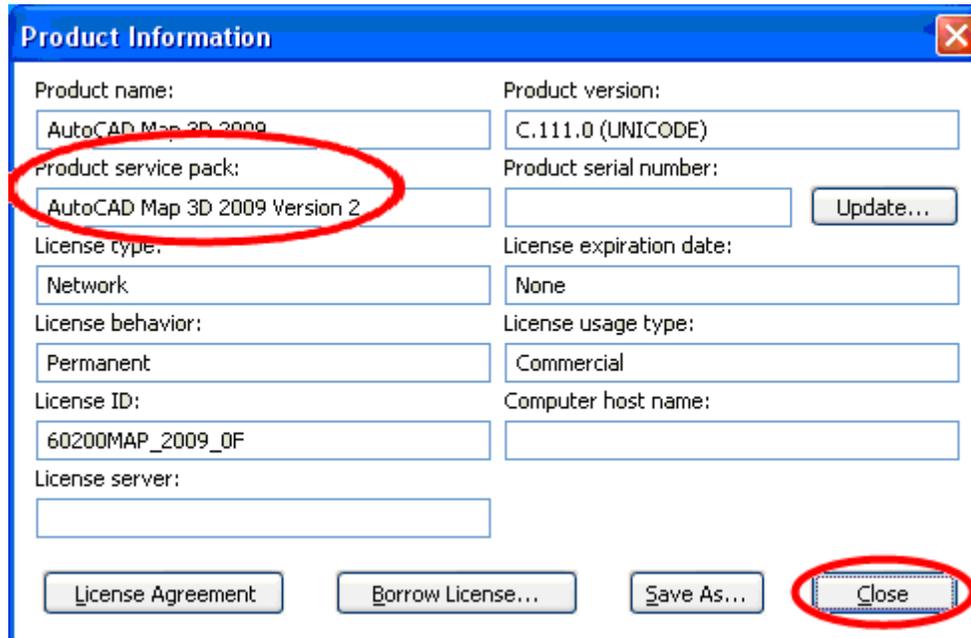
- To initiate installation of SP1, browse/navigate to <DVD DRIVE>:\Patches & Hotfixes\Map 3D 2009 Service Pack 1.
- Double click on the file **autocadmap3d2009lockedsp1.exe** to initialize installation of the update.



- Installation will begin and should take 5 -10 minutes 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 17-20, above).
- In summary, open AutoCAD Map 3D 2009; select **About AutoCAD Map 3D** from the 'Help' menu dropdown; then, click **Product Information** in the 'About AutoCAD Map 3D 2009' window.
- On the 'Product Information' window, verify that the value for 'Product service pack' is 'AutoCAD Map 3D 2009 Version 2' (or later, if newer service pack is installed).
- After verifying the settings, click **Close**.



- Go to the 'File' menu dropdown and click **Exit** to close the program.
- 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 'Render Hotfix' update contained on the DVD has been applied as part of Service Pack 1;
- The 'Open Close Save Hotfix' can (should) be applied to Service Pack / Update 1 per the 'OpenCloseSaveHotfixReadme.txt' file in the 'Patches & Hotfixes\Open Close Save Hotfix' folder on the DVD.
- 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.