

TIPS Carlson Software 2010 Installation Instructions

Getting Started

- All TIPS software users must install the latest KeyServer Client (i.e., version 6.x) on their machine prior to installing new software versions. This is a requirement of the TIPS program to allow for adequate collection of license and server usage statistics.
 - The latest KeyServer Client is available on the TIPS website at http://www.tips.osmre.gov/tips_html/downloads.asp#K2.
- Before starting the installation process, you will need the following:
 - TIPS Carlson Software 2010 CD or downloads from the Carlson website (<http://update.carlsonsw.com/updates.php?downloads=7b6a448ee20afa9bd6c9b842a78fbdfb&product=Carlson>). File: Full version Carlson 2010 dated 12/04/2009 or later.
 - AutoCAD Raster Design menu fix (i.e., cs10base.mnl) from TIPS Carlson Software 2010 CD; if you do not have the CD please use TIPS contact(s) listed at bottom of this page.
 - Serial number, hosts file, and environment variable information provided with the OSM TIPS distribution.
 - The end user must have administrative privileges on the workstation for the software to function properly.
 - In order to avoid errors, the end user's account should be logged in while performing the installation.
 - Approximately 15 minutes for installation on each user machine.

General Overview

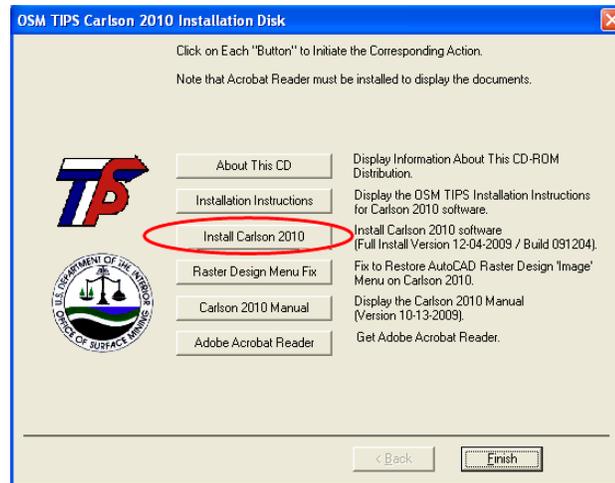
In order to properly install Carlson Software 2010, you must do the following:

1. Install and launch the Autodesk 2010 software prior to installing the Carlson product. If Raster Design 2010 will be loaded on the user machine, it is required that it be installed and run once also prior to installing Carlson 2010.
2. Use the instructions below to install Carlson Software 2010. These instructions are based on installation onto AutoCAD Map 3D 2010 but can also be applied to installation on previous versions of AutoCAD Map.
3. Ensure that the environment variable LSHOST and the HOSTS file are set according to the documentation provided with the TIPS distribution notification. Note that if a previous version of TIPS Carlson or SurvCADD software was installed, the required settings will have already been applied.
4. Launch Carlson Software 2010 in order to complete registration and automatically check for and install current updates. Current updates can be accessed directly at: <http://update.carlsonsw.com/updates.php?downloads=7b6a448ee20afa9bd6c9b842a78fbdfb&product=Carlson>.

If you have any questions or difficulties, contact Tom Mastaller at (412) 937-2108 or TMASTALLER@OSMRE.GOV; if Tom is unavailable, contact Tonya Mullins at (276) 523-0042 x13 or TMULLINS@OSMRE.GOV.

Initialize Base Carlson 2010 Installation

- If you have the TIPS Carlson Software 2010 disk, insert it into the appropriate drive. If the installation does not start automatically, browse to and double click on the CD-ROM drive; if that fails to launch the installer, navigate to the root directory of the CD and double click 'Autorun.exe'. Then click on **Install Carlson 2010** to initialize.

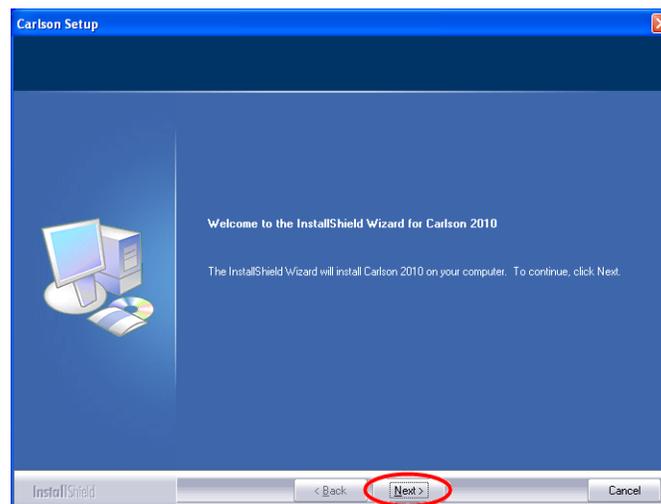


or

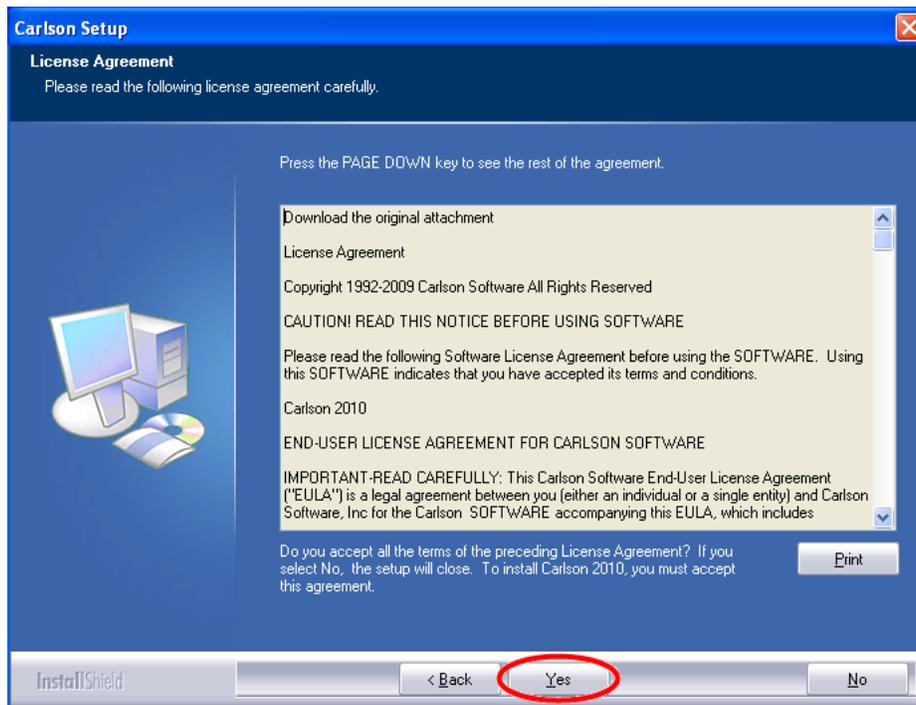
- If you obtained the software via download, navigate to the location where the full version EXE file was saved and double-click on the file (i.e., Carlson2010.exe) to initialize the installation program.
- The Carlson 2010 installation process will initialize... (Note: If the "Open File – Security Warning" window appears, click **Run** and continue.)



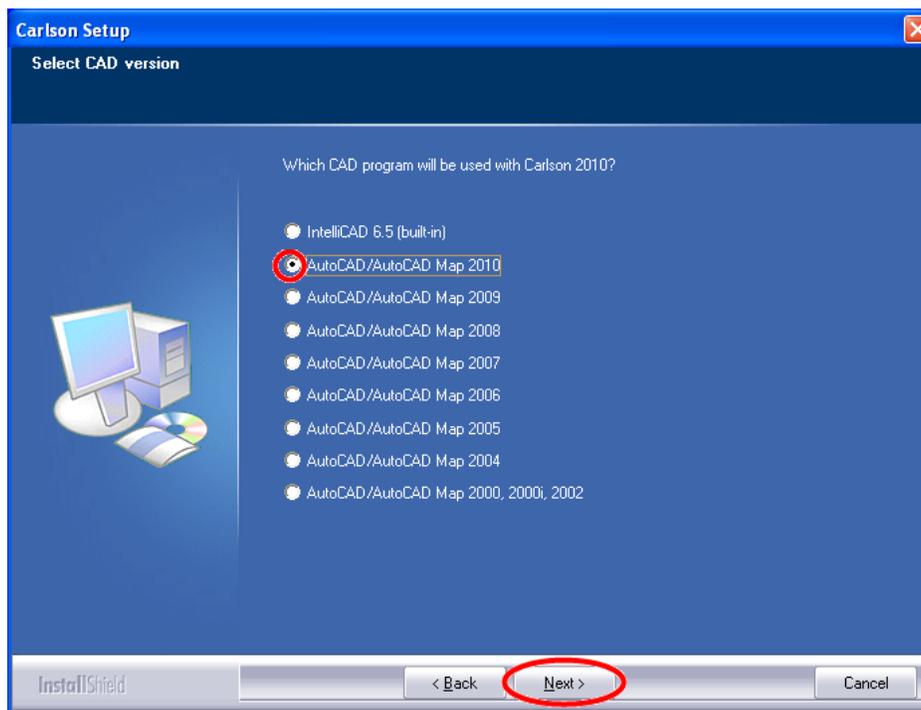
- Click **Next** to continue with the installation.



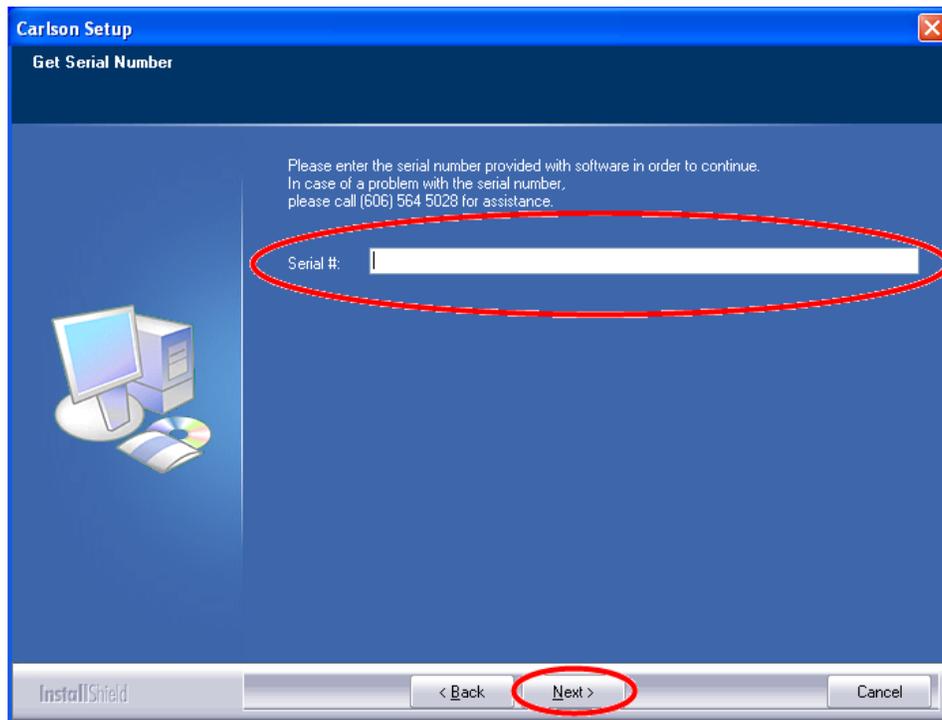
- Review and, if agreeable, click **Yes** to accept the licensing agreement.



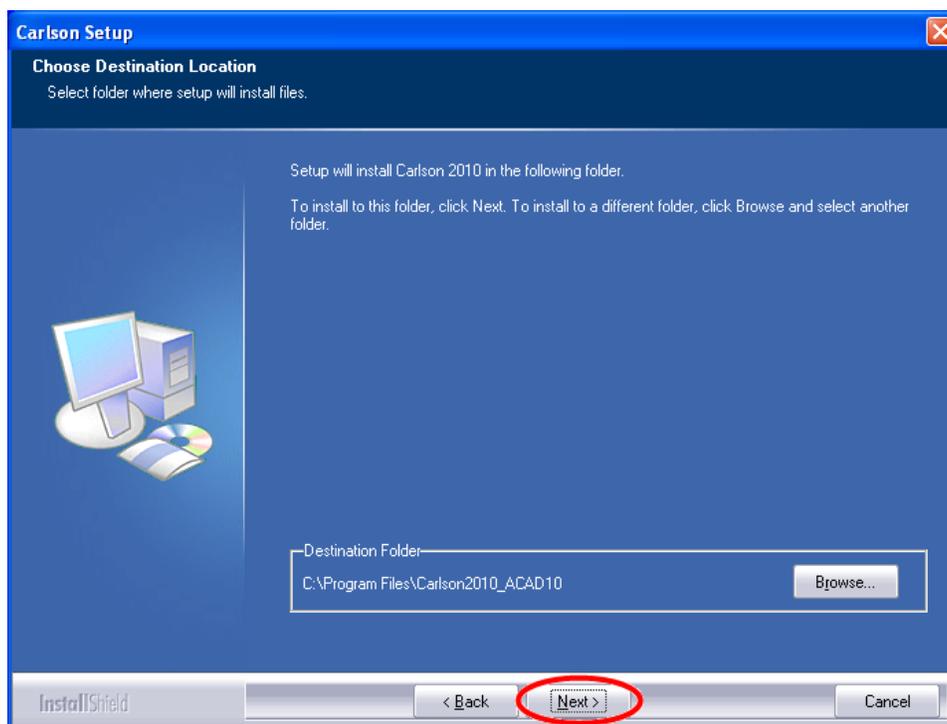
- Select the version of CAD software that you want to use with Carlson 2010 (in this case, click on the circle next to **AutoCAD / AutoCAD Map 2010**).
- Click **Next** to continue.



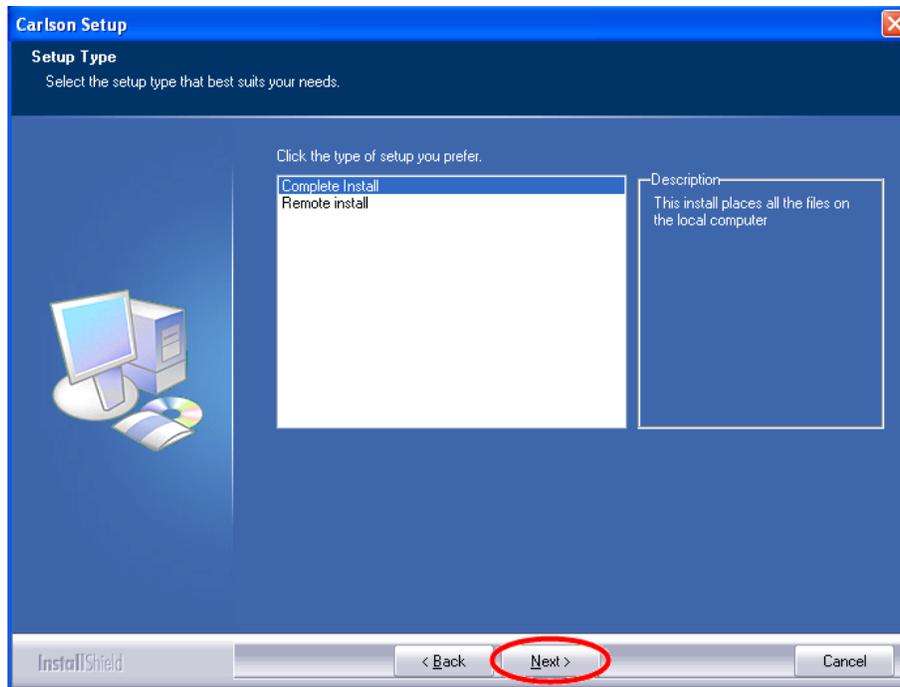
- Enter the Serial number provided with the distribution.
- Click **Next** to continue.



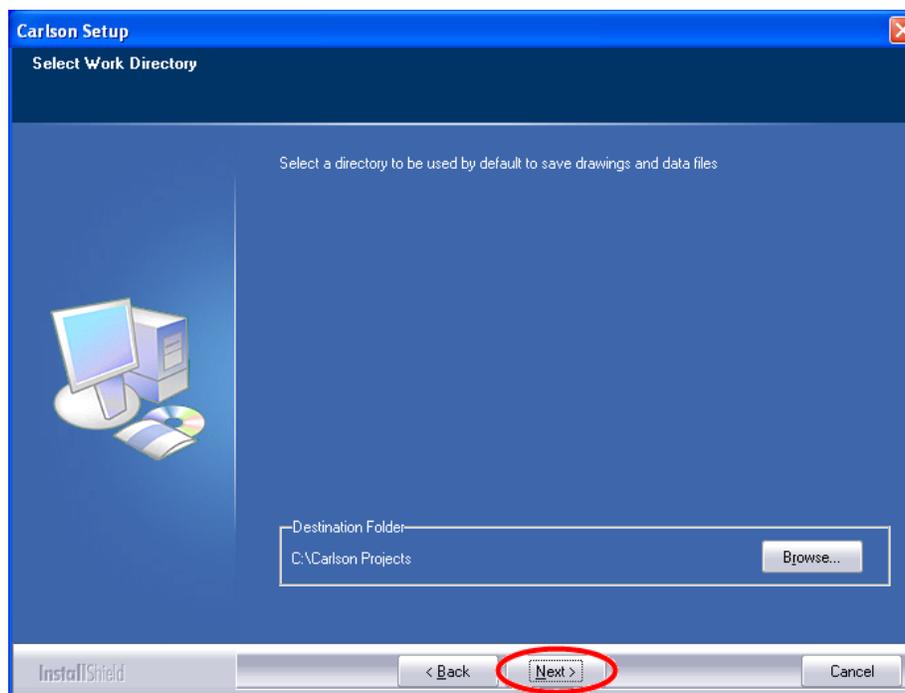
- Verify the install path. The default 'C:\Program Files\Carlson2010_ACAD10' is recommended.
- Use **Browse** to change the default location if desired.
- Click **Next** to continue.



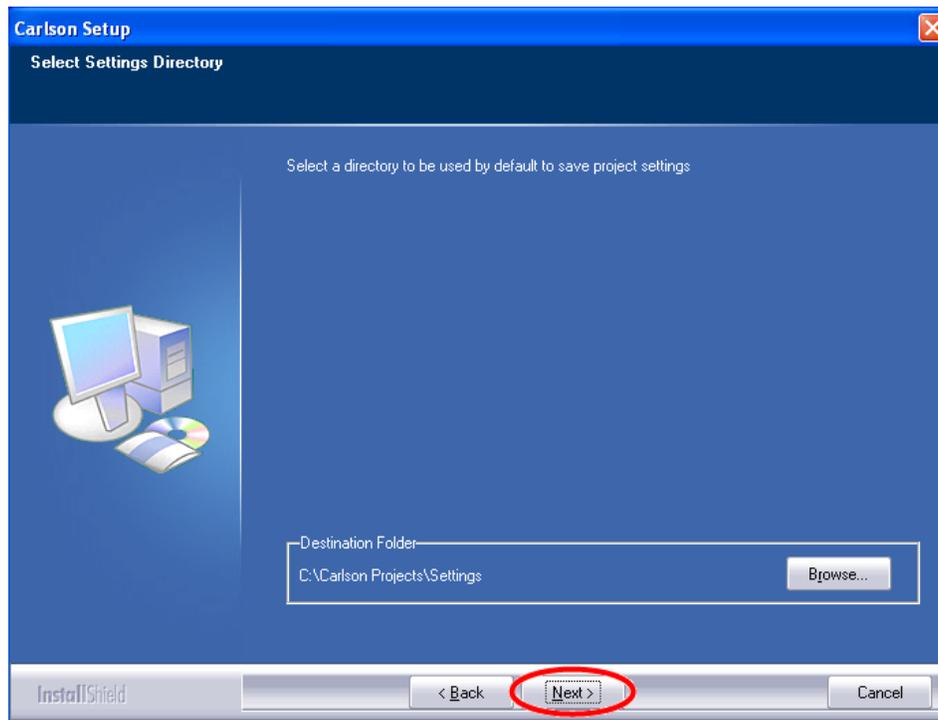
- Choose the preferred Setup Type:
 - ‘Complete Install’ copies all files to the user computer.
 - ‘Remote Install’ copies some files to the user computer and some to a network server.
- The ‘Complete Install’ option is recommended (The ‘Remote Install’ option has not been tested and is not supported by TIPS.).
- Click **Next** to continue.



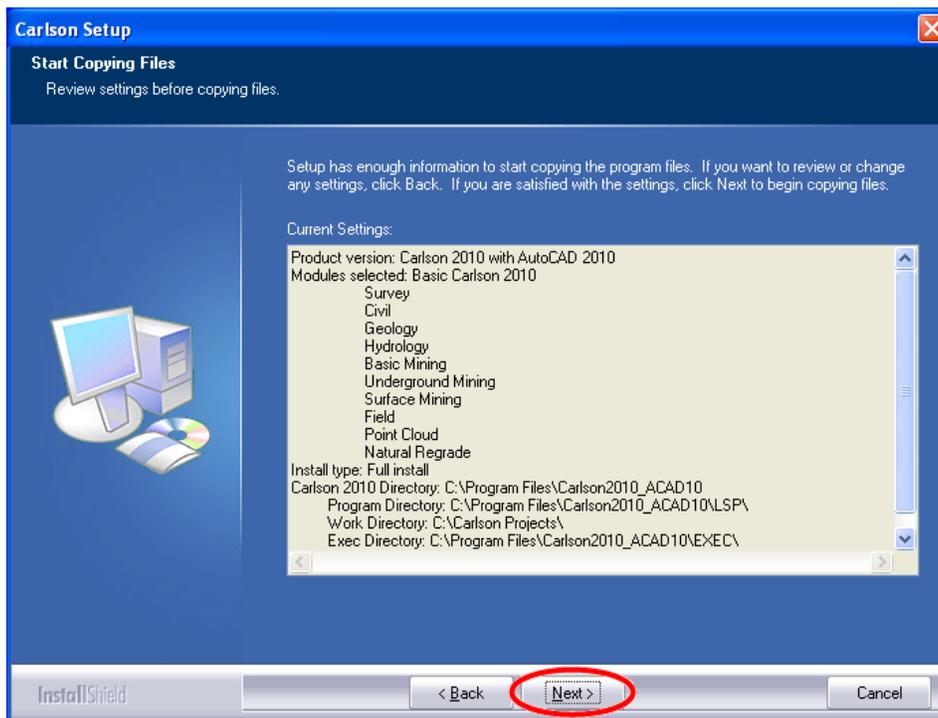
- Verify the Carlson work directory. This is where the program will store drawing and data files by default. The default 'C:\Carlson Projects' is recommended.
- Use **Browse** to change the default location if desired.
- Click **Next** to continue.



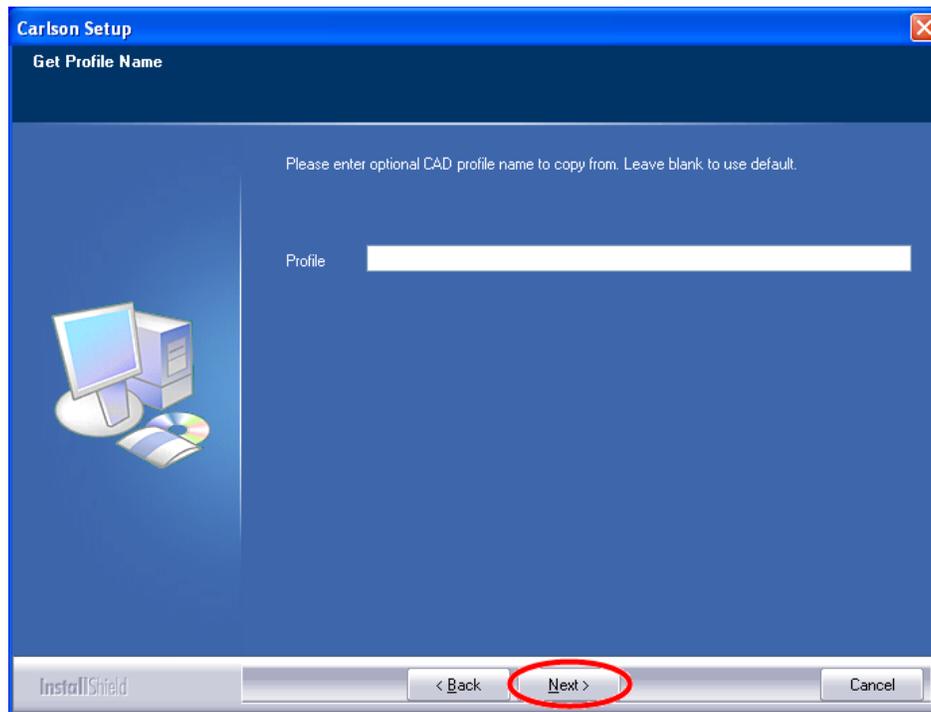
- Verify the project settings directory. The default 'C:\Carlson Projects\Settings' is recommended.
- Use **Browse** to change the default location if desired.
- Click **Next** to continue.



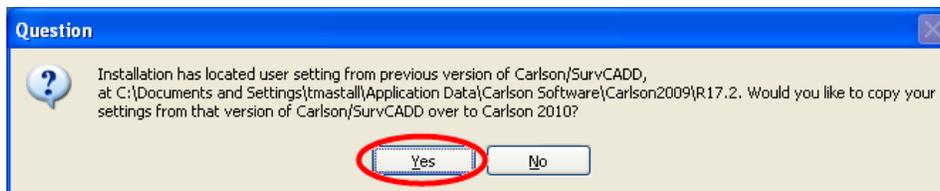
- Review the information in this dialog box to ensure that all settings are as desired.
- If changes are needed, click **Back** to revert to the appropriate screen(s) and revise as necessary.
- Click **Next** to continue.



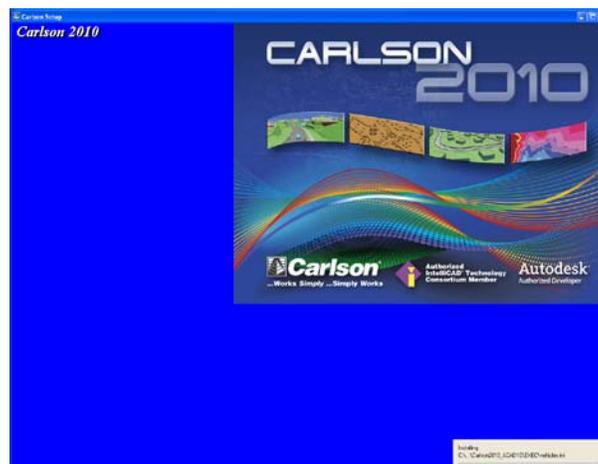
- Enter an optional CAD profile if the user or your office has specified one.
- The default (i.e., leave blank) is recommended.
- Click **Next** to continue.



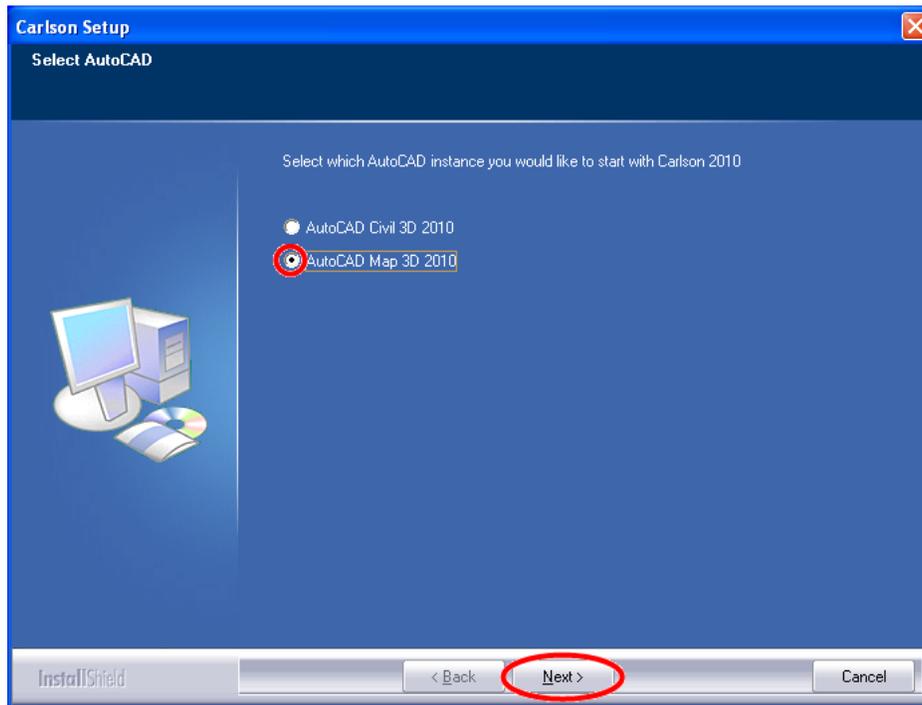
- If a previous version of Carlson software is installed, you will see the following window.
- Click '**Yes**' (recommended) if the user wants program settings from the previous version applied to Carlson Software 2010.
- Click '**No**' if the user does not want the settings copied.



- The installation will progress with files being copied...



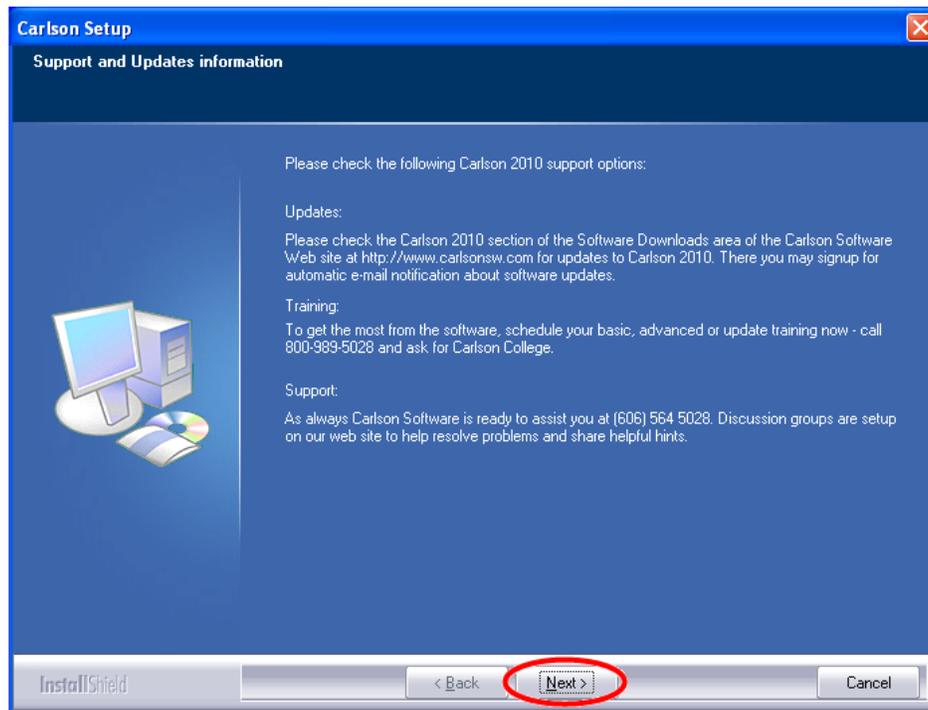
- Select the version of the Autodesk product that you would like to start with Carlson 2010 (in this case, **AutoCAD Map 3D 2010**). This is dependent on what version of Autodesk software is installed and was specified in the step at the bottom of page 3.
- Click **Next** to continue.



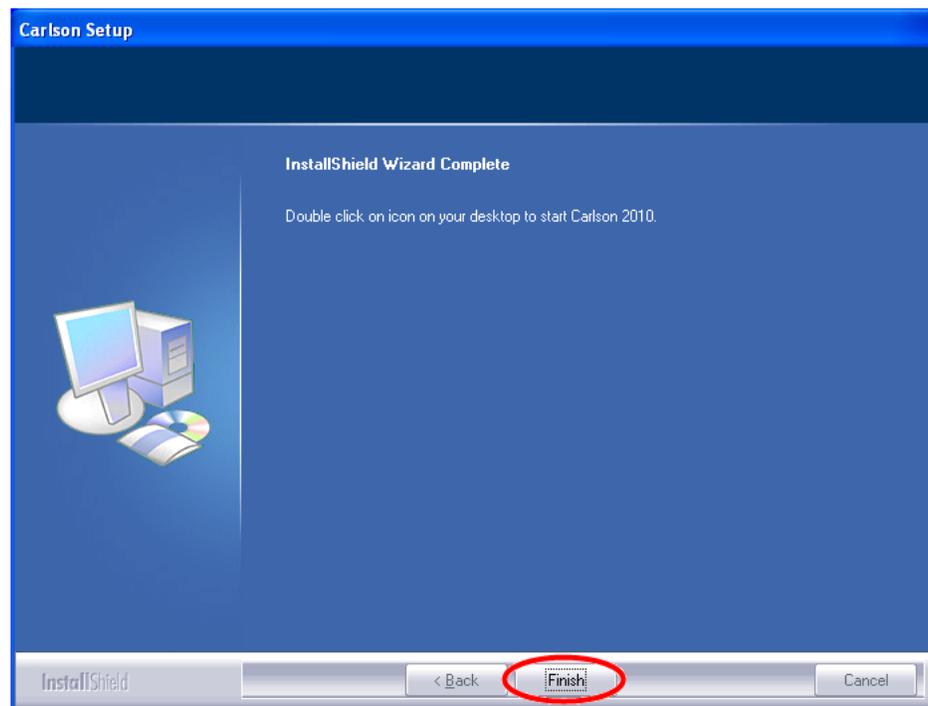
- The installation will continue with additional files being copied...



- Note Updates and Support options.
- Click **Next** to continue.



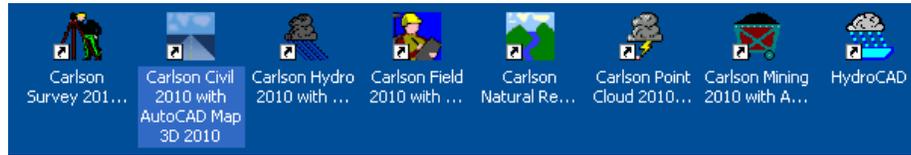
- Click **Finish** to complete the installation.



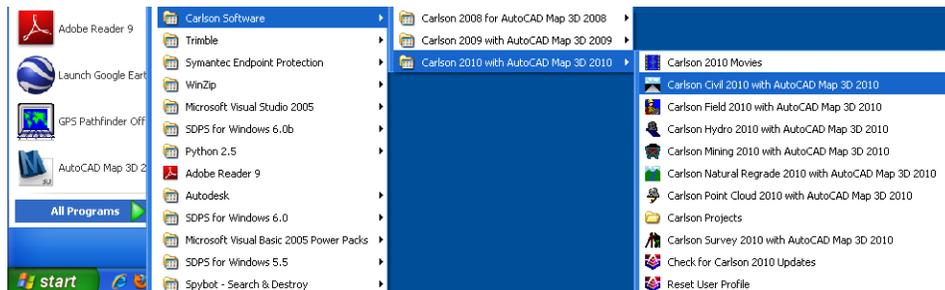
- Before launching Carlson Software 2010, you must set the environment variable LSHOST and the HOSTS file according to the information provided with the TIPS distribution. Note that if a previous version of TIPS Carlson or SurvCADD software was installed, the required settings will have already been applied.

Launch Carlson 2010 / Program Updates / Registration

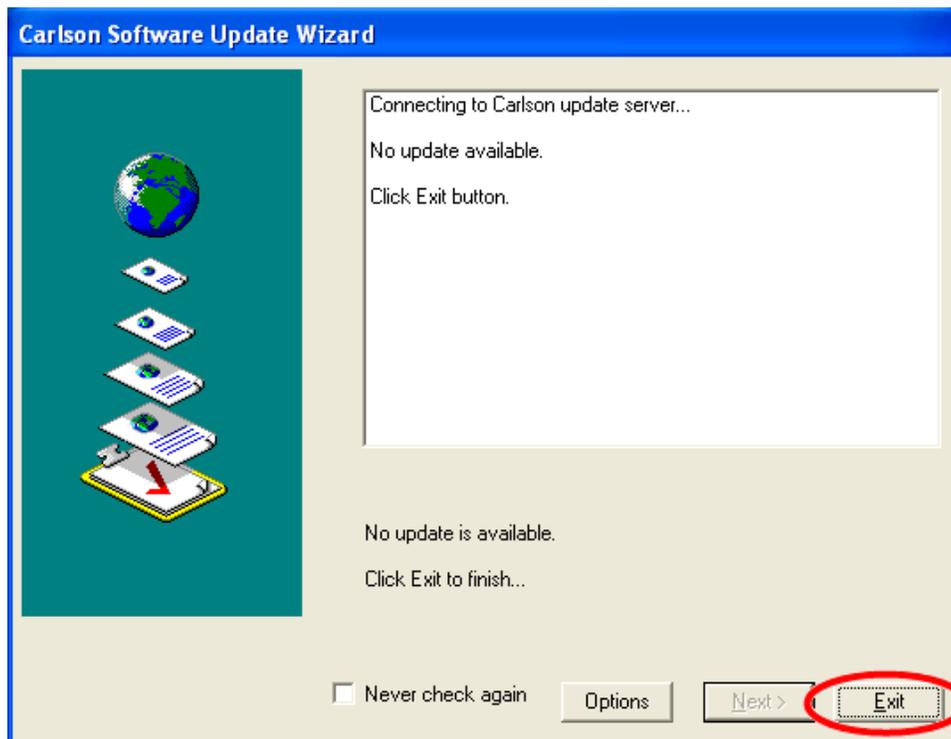
- Launch Carlson Software 2010 from one of the Carlson desktop shortcuts or from the MS Windows Start Menu.



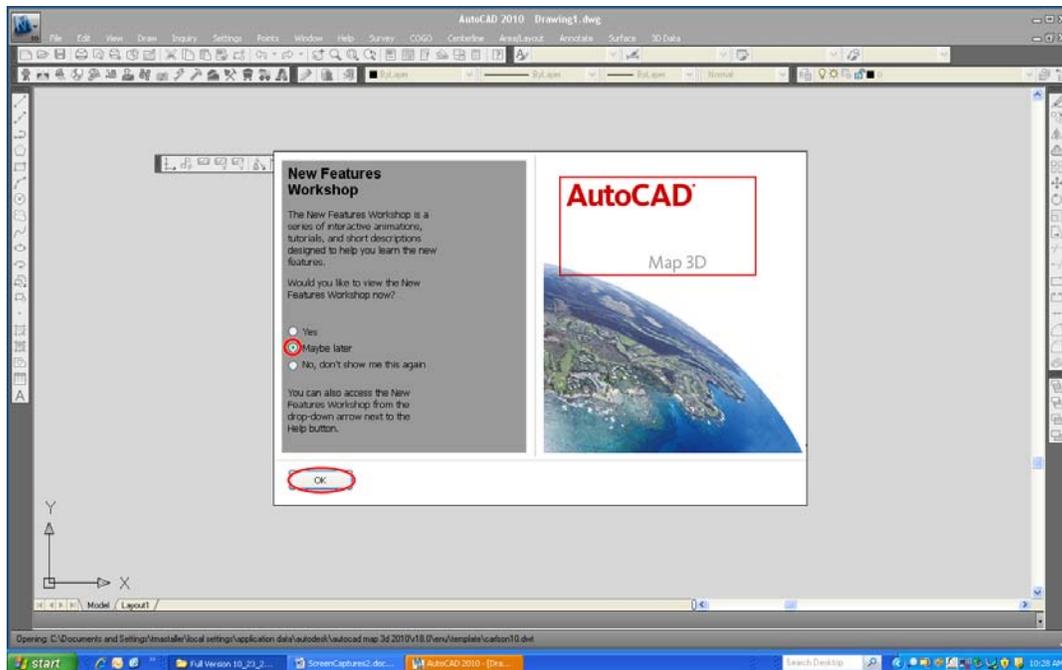
OR



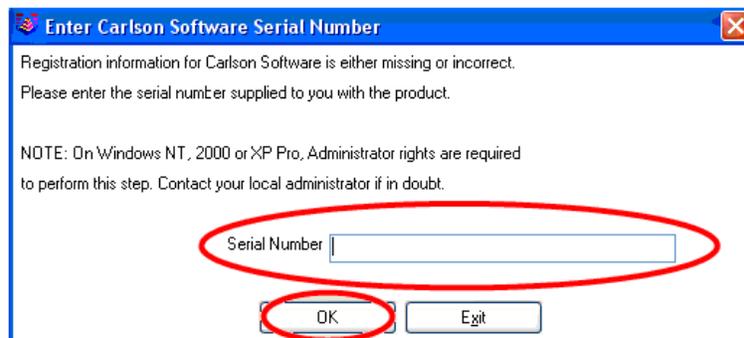
- The program will automatically check for main program updates upon the first run (via internet connection).
- If updates are identified during this process, it is recommended that they be installed to ensure that the most current features are available to users. Simply follow the screen instructions to accomplish this.
- If no updates are available (as shown below), click **Exit**.



- AutoCAD Map 2010 / Carlson Software 2010 will proceed to open.
- If the AutoCAD Map 3D New Features Workshop box 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 (The New Features Workshop can also be accessed at any time from the Map 'Help' menu.).
- Click **OK** to continue.



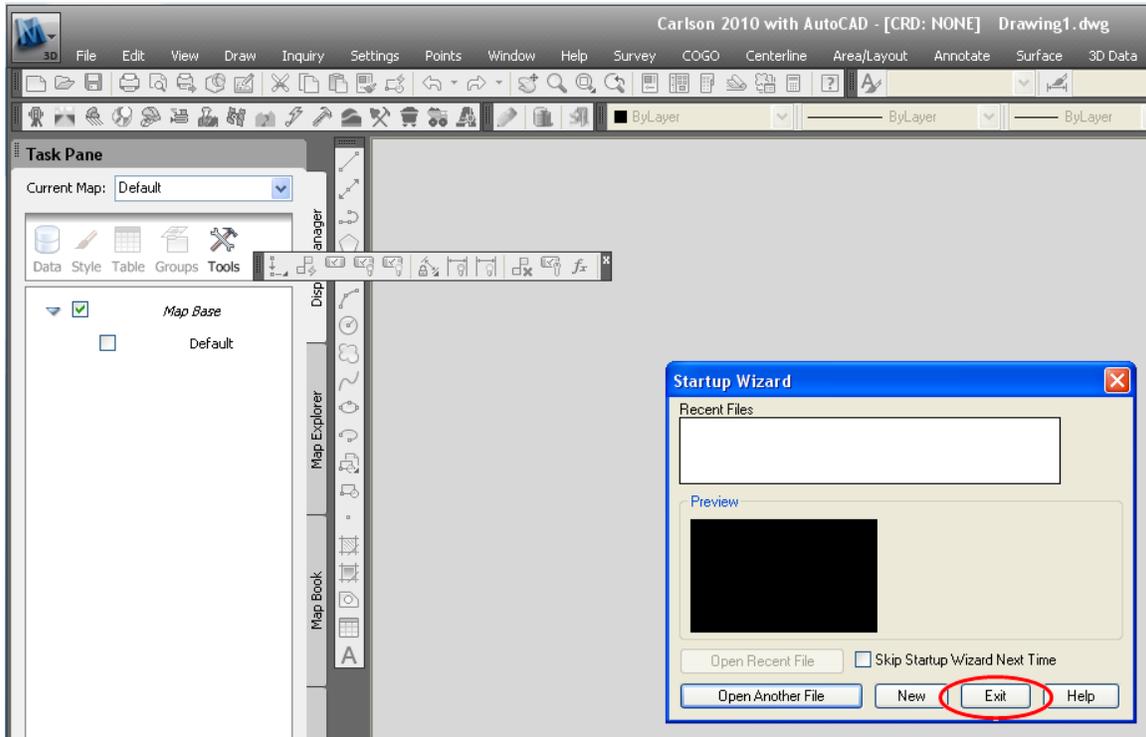
- The 'Enter Carlson Software Serial Number' window will appear if for some reason the Carlson registration process does not see the serial number entered during installation (page 4, above). If it does, enter the serial number provided with the distribution, and click on **OK**.



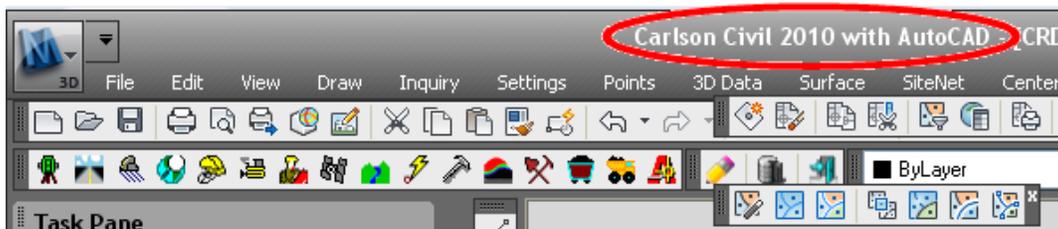
- The Carlson registration process will complete.
- Click **OK** to continue.



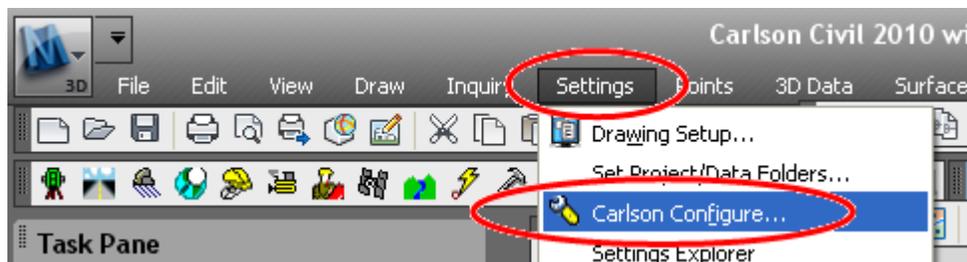
- The Carlson 2010 ‘Startup Wizard’ window will open as a default. Click **Exit** to close the window and continue the software start-up.
- Note: The ‘Startup Wizard’ will not appear if the user had previously altered this setting and the installation included copying the settings (see the middle of page 7, above).



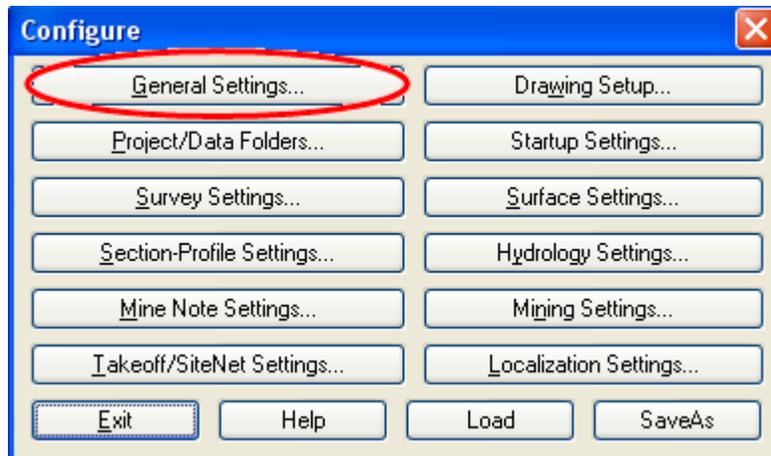
- Carlson 2010 will open to the module selected to initiate the program (in this case ‘Carlson Civil 2010’).



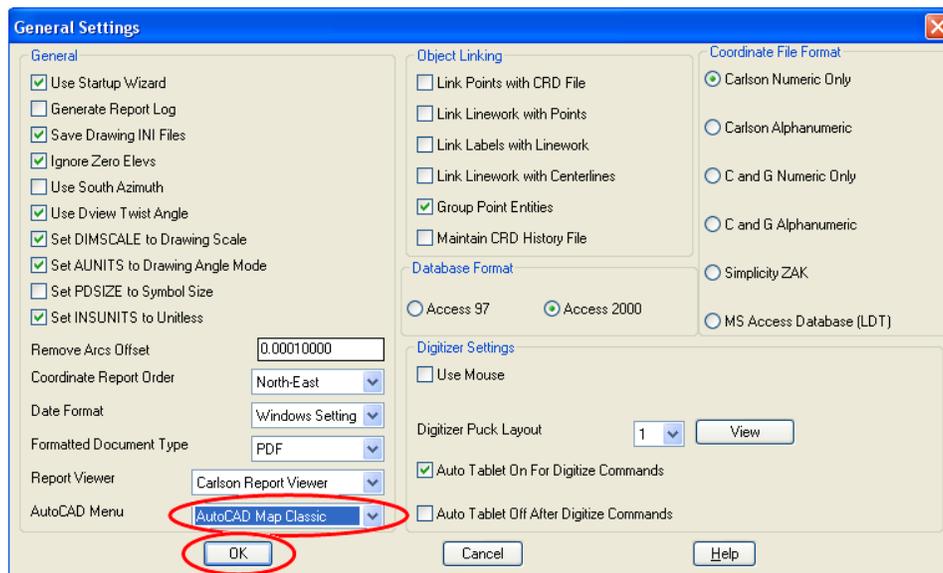
- Next, verify that Carlson 2010 is set to open to the ‘AutoCAD Map Classic’ menu.
- Select the ‘Settings’ menu dropdown and click on **Carlson Configure...**



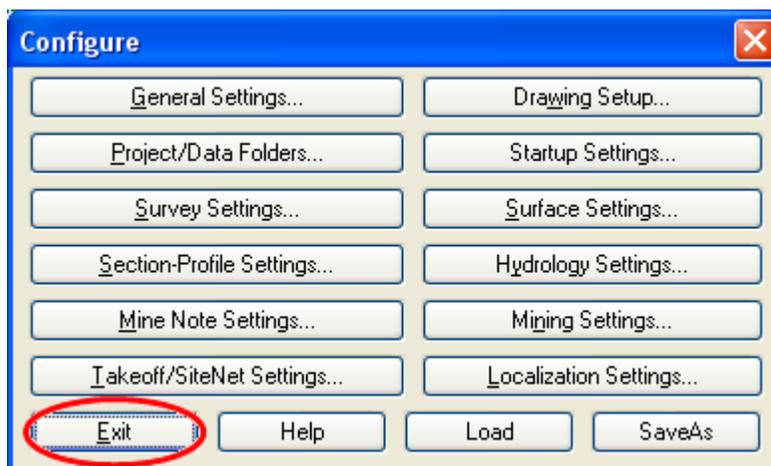
- Click **General Settings...**



- Verify / select **AutoCAD Map Classic** as the setting for 'AutoCAD Menu.'
- Click **OK** to continue.

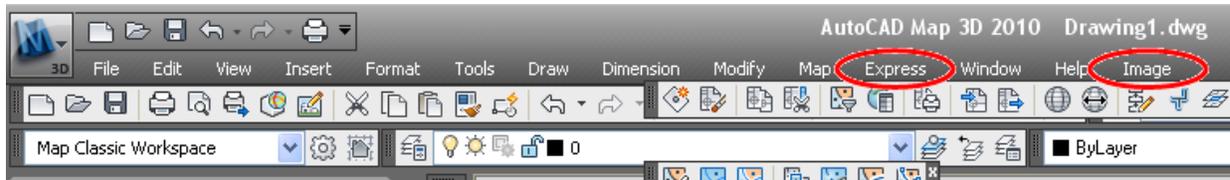


- Click **Exit** to close Carlson 2010 configuration.

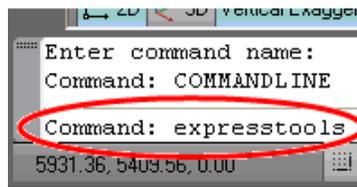


Restore AutoCAD Express Tools and / or Raster Design Menus

- Launching Carlson 2010 using the program 'Start' menu or desktop shortcuts may set AutoCAD with Carlson 2010 to open minus the 'Express' (i.e., Express Tools) and / or 'Image' (i.e., Raster Design) dropdown menus.
- Once the menus are restored per the steps below, the settings will be preserved. The 'Express' and 'Image' menus will be included no matter what program shortcuts or 'Start' menu item is used to open AutoCAD Map / Carlson 2010.
- Note: The 'Express' and 'Image' menus may not appear in the same position or order as shown in the screen capture below.



- To restore the 'Express' menu, simply enter '**expresstools**' on the command line (i.e., type 'expresstools' and press the enter/return key.).



- If the AutoCAD Raster Design 'Image' menu dropdown (shown in the screen capture above) does not appear after Carlson software installation, a Carlson menu file must be updated/replaced.
- Go to the 'File' menu dropdown and click **Exit** to close the program.
- If you have the TIPS Carlson Software 2010 disk, open the disk and click on the '**Raster Design Menu Fix**' button.



- The 'Image' menu dropdown will be restored (Open the program once using the 'Raster Design' desktop shortcut or 'Raster Design' Windows Start Menu item.).
- Click **Finish** to close the installation CD; this completes the installation of Carlson 2010.

- If you do not have the TIPS CD, contact Tom Mastaller at (412) 937-2108 / TMASTALLER@OSMRE.GOV or Tonya Mullins at (276) 523-0042 x13 / TMULLINS@OSMRE.GOV to obtain the 'cs10base.mnl' file.
- Rename the existing 'cs10base.mnl' file located in the Carlson 2010 software 'SupTemplate' subdirectory (e.g., C:\Program Files\Carlson2010_ACAD10\SupTemplate\cs10base.mnl) as 'cs10base.ORG'.
- Copy the new 'cs10base.mnl' to the Carlson 2010 software 'SupTemplate' subdirectory (i.e., C:\Program Files\Carlson2010_ACAD10\SupTemplate\cs10base.mnl).
- The 'Image' menu dropdown will be restored (Open the program once using the 'Raster Design' desktop shortcut or 'Raster Design' Windows Start Menu item.).
- This completes the installation of Carlson 2010.

Latest Program Version / Updates

- The latest program full version and updates / patches can be accessed / downloaded at any time by visiting <http://update.carlsonsw.com/updates.php>; selecting the product 'Carlson Survey/Civil/Mining/Takeoff for CAD'; clicking **Show Files**; and then selecting product version '2010 for AutoCAD/IntelliCAD'.

Carlson Software Product Downloads - Windows Internet Explorer provided by The Office of Surface Mining

http://update.carlsonsw.com/updates.php?downloads=a214d73b728d2ec87a83cf48d911ae59&product=Carlson

Carlson Software is dedicated to providing the finest software to Land Surveyors, Civil Engineers, Mining Engineers, and Land Development Professionals

Select product you are looking for: Carlson Survey/Civil/Mining/Takeoff for CAD

Select product version: 2010 for AutoCAD/IntelliCAD

Carlson 2010 download page

STOP Before downloading any updates, go to Help->About Carlson and verify that you are running **Carlson 2010**. If you are not, then do not download any updates from this page.

Please update your contact and notification preferences as needed:
or Visit [subscribe](#) page.

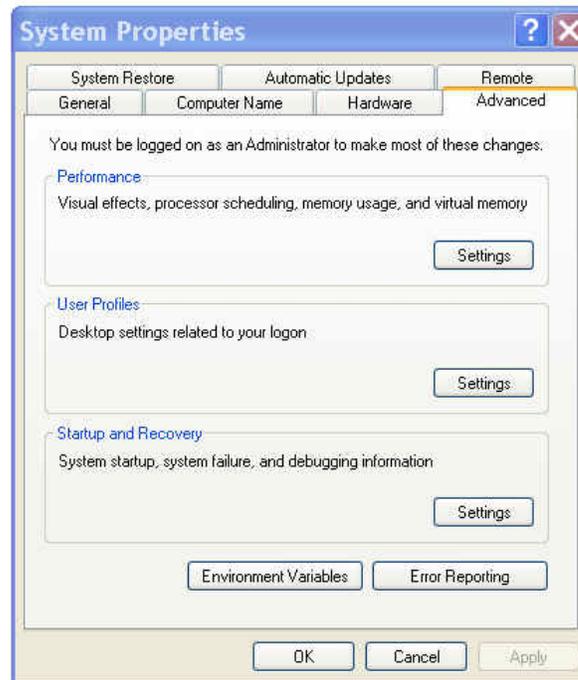
Name: Email: General News Carlson Updates

	Download	File Size	File Date	Description
1	<input type="button" value="Download"/>	485,978,788	Dec-04-2009	This is a full version Carlson 2010. The following modules are included: Survey, Civil, Hydrology, GIS, Basic Mining, Geology, Underground Mining, Surface Mining, Natural Regrade, Field, Takeoff, Construction and Point Clouds. This can be installed on AutoCAD 2000-2010 or with included Intellicad 6.6. AutoCADs 2009 and 2010 are supported on 64-bit Windows. Carlson 2010 Serial number is required for installation. Users on the active maintenance agreement can lookup their upgraded serial number by clicking here . Filename: Carlson2010.exe
2	<input type="button" value="Download"/>	94,902,302	Oct-13-2009	Carlson 2010 User Manual Filename: Carlson2010_manual.pdf

Checking and/or modifying your computer's environment variables (for Windows):

Occasionally, the environment variables are not set correctly to allow Carlson to obtain a license from the TIPS license server. Please check to see that your variables are set correctly following these steps. The variable information is contained within the software distribution letter mailed to your TIPS contact.

1. Go to the Start Menu -> Control Panel -> System. The following dialog should appear (select the "Advanced" tab, as shown)



2. Click on the "Environment Variables" button near the bottom. In the lower half of this dialog box is the area where you can add new variables (which should be done during installation), or modify the existing ones (if you are having problems).

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