| Carlson Setup | | | | <u>-8</u> - |
|---|--|--------|--|----------------|
| Setup Type | | | | |
| Select the setup type that best suits your neer | ds. | | | |
| CitAu Remot | e (ggeoclestupgouprats 30)(n351) e install | B. | Contractor Tabletetelleteces theleestecomputer | CDCD-CDCD ? |
| InstallShield | < ₿ack | Next > | | Cancel |

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When prompted for the setup type, choose the Complete Install

Leave the Profile blank

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| Carlson Setup | | | |
|--|----------------------|---|--------------|
| Get Profile Name | | | |
| and a second | Remonitorational CAD | naljournotoccijilum ferrotjentytourodet | 21 1. |
| | Rote | | |
| | | | |
| | | | |
| | | | |
| InstallShield | < <u>B</u> | ack | Cancel |

Click Next and finish the install

Important: Launch Carlson 2012 by right clicking Carlson Civil 2012 and running as Administrator. Run as Administrator even through you may be logged in as Administrator. Verify there are no licensing errors. **This program involves user profile specific features*. *Please have the user Run as Administrator the first time they launch the application*. *If this is not performed, the application may appear to launch and then close*.



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8. Set 'AutoCAD Map Classic' Menu:

Set / verify that Carlson 2012 is set to open to the AutoCAD Map Classic menu.

| JEIEC | i une | Jerun | gs men | u uropu | | iu ci | | i Cariso | ni coning | ure |
|-----------|----------|------------|-----------|-------------|--------|---------|----------|------------|-------------|----------|
| RA- | ₽ | 3 3 | | How we want | Ca | rison (| PAR 1901 | 2 with An | iòCAD - [CR | D: NONE) |
| Se3D | file | C | Vitew | Querro | lacuta | Set | tings | Potato | . ID Date | Sang |
| Same Anna | Map | Hel | p File | Edit | View | 1 | Drawin | ng Setup | | |
| Anno | tate | Home | Insert | Output | Home | | Set Pro | niect/Data | Folders | ģr |
| | | | 1.1.1.1.1 | | < | 13 | Carlso | n Configu | | |
| | | | | | | | Setting | gs Explore | r | |

Click General Settings...

| Configure | |
|--------------------------|-----------------------|
| General Settings | Drawing Setup |
| Project/Data Folders | Startup Settings |
| <u>Survey Settings</u> | Surface Settings |
| Section-Profile Settings | Hydrology Settings |
| Mine Note Settings | Mining Settings |
| Takeoff/SiteNet Settings | Localization Settings |
| Exit Help | Load SaveAs |

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

| General Settings | <u>-</u> | |
|---|---|--------------------------------------|
| General | Object Linking | Coordinate File Format |
| 🔽 Use Startup Wizard | 🖾 Link Points with CRD File | Carlson Numeric Only |
| 🖾 Generate Report Log | Think Linework with Points | Carlson Alphanumeric |
| ☑ Save Drawing INI Files | | C and G Numeric Only |
| Ignore Zero Bevs | Link Labels with Linework | C and G Alphanumeric |
| 🗂 Use South Azimuth | 🔄 Link Linework with Centerlines | Simplety ZAK |
| Use Dview Twist Angle | Comm Paint Entries | |
| Set DIMSCALE to Drawing Scale | [X] Group Forit Entries | MS Access Database (LD1) |
| Set AUNITS to Drawing Angle Mode | Maintain CRD History File | Remove Arcs |
| Set PDSIZE to Symbol Size | Database Format | Method By |
| Set INSUNITS to Unitless | | Max Offset Offset Otherd Len |
| Set LTSCALE on startup to Drawing Setup | Access 97 D Access 2000 | Max Offset 0.00010000 |
| (J) Force software-only OpenGL driver | | Chord Length 1.000 |
| Coordinate Report Order North-East 👻 | Diasizer Settinas | |
| Date Format Windows Setting • | [] Use Mouse | |
| Formatted Document Type | Digitizer Puck Layout | View |
| Report Mewer Cadson Report Mewer | Auto Tablet On For Digitize Commands | |
| . AutoCAD Menu AutoCAD Map Classic - | [] Auto Tablet Off After Digitize Commands | |
| OK | Cancel | Еер |

Click Exit to close Carlson 2012 configuration.

9. Express Menu:

To restore the Express menu, simply enter expresstools on the program command line and press Enter



10. Raster Menu:

Restoration of the Raster menu is necessary only if AutoCAD Raster Design 2012 has been installed. If Raster Design has not been installed, please skip

Enter cuiload or menuload on the program command line and press Enter



Use Browse to navigate to the AutoCAD Raster Design 2012 program Support folder (The default path would be C:\Program Files\AutoCAD Raster Design

2012\UserDataCache\Support\AecCo.cuix.)

| Loaded Customization Groups: | Unload |
|------------------------------|--------|
| ACADIZIB ACADBASE | |
| EXPRESS | |
| | |
| <u> </u> | al |
| Etc. Manage | Losd |
| The Mane. | Browse |
| | |

From the DVD root directory, highlight / select the file AecCo.cuix, and click Open.

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Note that the path to AecCo.cuix is shown. Click Load to complete the menu load.

| Load/Unload Customizations | | <u> </u> |
|--|---------------|--------------|
| Loaded Customization Groups: ACADIST ACADIST ACADBASE CARLSON EXPRESS MAPCLASSIC | <u>Unload</u> | |
| <u>File Name:</u> >>>> EW:::::::::::::::::::::::::::::::::::: | Erowse | |
| | | <u>H</u> elp |

*You may get a message the file is already loaded. If so go ahead and exit out of the load/unload customization screen.

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Note that AUTOCADRASTERDESIGN is now included in the list of Loaded Customization Groups. Click Close to exit the cuiload routine.

| Mi Lo | oad/Unload Customizations | | -83-5 |
|-------|--|----------------|-------|
| >>>> | Loaded Customization Groups: ACAD ACAD12TB ACADBASE ACADBASE CARLSON EXPRESS MAPCLASSIC | <u>U</u> nload | |
| | <u>File Name:</u> E:\AecCo.cuix | Load Browse | |
| | | Qose He | P. |

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Go to the File menu dropdown and click Exit to close the program (Click No when prompted to save the drawing file).



This completes installation and initial setup of Carlson Software 2012.

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4. Install 2012 AutoCAD Raster Design

Use 2012 AutoCAD Raster Design serial number and configure network license as 2012 AutoCAD Map 3D S:\CD\MMD\AutoCAD Raster Design 2012

Click Install on this computer



Under License Type, click Network, type in the serial number and product key. The license number is located in the same folder as the install.

Under Network License, click Single License Server from drop down menu

In the field under, "Enter the name of the server that will run the Network License Manager," type in "TIPS." Click Next

| AutoCAD® Raster Design 2012 | |
|--|--|
| AutoCAD [•] Raster Design 2012 | Autodesk [.] |
| Install > Product Information | |
| Install > Product Information | Officerso Hithe Haanselsen varme of Moouse with Other Network Affredese gese with ya Affredese varme of the server the fault have the Network Affredese ges ges |
| | |
| Installation Help System Requirements Readme | Back |

Ignore server error message and click Yes

| AutoCAD N | Map 3D 2012 |
|-----------|--|
| | You entered the name of a server that does not exist or is currently not available on the network. To ignore and continue, click Yes. To change the server name, click No. |
| | Yes No |

Click Install

Important: Launch 2012 AutoCAD Raster Design by right clicking 2012 AutoCAD Raster Design and running as Administrator. Run as Administrator even through you may be logged in as Administrator. Verify there are no licensing errors.

*This program involves user profile specific features. Please have the user Run as Administrator the first time they launch the application.



5. Setup environmental variables for Carlson 2012

Navigate to Start Menu -> Control Panel -> System to open the System Properties window (In Windows 7, Start Menu -> Control Panel -> System->Advanced System Settings).

On the System Properties window, select the Advanced tab and click Environment Variables. Click New and under Variable Name enter "LSHOST"

Under Variable Value enter in 192.243.168.150

| New System Varia | ble |
|-------------------------|-----------------|
| Variable <u>n</u> ame: | LSHOST |
| Variable <u>v</u> alue: | 192.243.168.150 |
| | OK Cancel |

| variable | Value |
|---|---|
| TEMP | %USERPROFILE%\AppData\Local\Temp |
| TMP | %USERPROFILE%\AppData\Local\Temp |
| | New Edit Delete |
| | |
| vstem variables Variable | Value |
| rstem variables Variable ComSpec | Value C:\Windows\system32\cmd.exe |
| vstem variables Variable ComSpec EMC_AUTOPLAY | Value C:\Windows\system32\cmd.exe C:\Frogram Files (x86)\Common Files\ |
| vstem variables Variable ComSpec EMC_AUTOPLAY FP_NO_HOST_C | Value C:\Windows\system32\cmd.exe C:\Frogram Files (x86)\Common Files\ NO |
| stem variables Variable ComSpec EMC_AUTOPLAY FP_NO_HOST_C LSHOST | Value C:\Windows\system32\cmd.exe C:\Frogram Files (x86)\Common Files\ NO 192.243.168.150 |

After speaking with Tom Mastaller regarding the Environment Variables, we should only use the West address at this time. Currently, there is an issue with it communicating with both addresses. This will be addressed and communicated in the future.

6. Edit Hosts file for Carlson with Notepad:

C:\Windows\System32\drivers\etc >hosts

Add the following addresses to the bottom of the hosts file:

192.243.168.150westlswestls.osmre.gov192.243.130.130eastlseastls.osmre.gov

| J hosts - Notepad | |
|--|---|
| File Edit Format View Help | |
| # Copyright (c) 1993-2009 Microsoft Corp. | • |
| # This is a sample HOSTS file used by Microsoft TCP/IP for Windows. | |
| This file contains the mappings of IP addresses to host names. Each entry should be kept on an individual line. The IP address should be placed in the first column followed by the corresponding host name. The IP address and the host name should be separated by at least one space. | |
| # Additionally, comments (such as these) may be inserted on individual # lines or following the machine name denoted by a '#' symbol. | |
| 🛉 For example: | |
| # 102.54.94.97 rhino.acme.com # source server # 38.25.63.10 x.acme.com # x client host | |
| <pre># localhost name resolution is handled within DNS itself. # 127.0.0.1 localhost # ::1 localhost 192.243.168.150 west1s west1s.osmre.gov 192.243.130.130 east1s.essmre.gov</pre> | |
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Save changes and exit.

7. Install Carlson 2012 S:\CD\MMD\CarlsonSoftware2012

*Accept all defaults

Select the 64-bit version of AutoCAD Map 2012

| Carlson Setup | La construction of the second s | | |
|--------------------|---|----------------------|--------|
| Select CAD version | | | |
| | WithCAD propensilibour | sedwithCertson 20122 | |
| | CANGEAD/ANGEAD MED? | 2012 2001 | |
| | O AutoCADAAutoCAD Maps O AutoCADAAutoCAD Maps | 2009 | |
| | | | |
| | | | |
| P | | | |
| linstallShieid | < Back | k (<u>Next</u>) | Cancel |

Enter in the serial number:

| Get Serial Number | | | |
|-------------------|--|---|------|
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