StrataExplorer Installation

To get StrataExplorer up and running, the program first needs to be installed on your computer. The program can either be installed from the CD or it can be downloaded and installed from GAEA's website at "www.StrataExplorer.com". To install the program from the CD, insert the disk and the installation should start automatically. If the installation doesn't start when the CD is inserted, run the "setup.exe" program on the CD. To install it from the website download and run the "StrataExplorer_Setup.exe" program.

Installation

When installing StrataExplorer you must be logged in as an administrator.

The following steps occur during the installation:

1. The StrataExplorer application is installed on your computer
2. ESRI's ArcEngine is installed on your computer
3. Files for the databases and data store are copied to a temporary directory on your computer
4. Shortcuts are placed on your Start menu and desktop

After the application has been installed, there are a few more steps before it is ready for use. The databases and data store need to be setup, and industry settings must be specified, and a default basemap created. All these steps are accomplished by running the StrataExplorer for the first time. The program can be started using the icon on your desktop or the StrataExplorer application menu on the Start menu.

First-Run and Program Setup

The first time that the program is run you must be logged in as an administrator so that the directories can be created.

When the program is started for the first time a setup wizard will run that guides you through the steps below.

1. Selection of a single user or network user installation.
2. Selection of the database and data store directories. These directories can either be on your local drive or a network drive. **You must have full read/write privileges for these directories as described below**.
3. Select the industry that you will be using to register the software. The features and settings in the application will change depending on the industry selected.
4. After the above information is specified, the databases and data store will be created and setup.
5. The last step is to specify a default basemap for the application. On the Create Basemap form you can select whether to create a new basemap based upon a predefined basemap, user defined basemap, or an existing basemap in a file. The easiest method is to select a predefined basemap.

After the above steps are completed, the application will start initially in demo mode. You can use the application in demo mode for up to 20 times before you need to register it.

Directory Permissions

The data for the application is stored in the database and data store directories. **All of the users must have full read and write access to these directories.** For administrative users this will not be a problem; however, limited users will need to be given permission to read and write to these directories. The location and method of setting the permissions will vary with the type of Windows operating system as described below.

Windows XP Home

The default location for the database and data store files in Windows XP is "c:\Documents and Settings\All Users\Documents\GAEA\StrataExplorer". Typically non-administrative (limited) users only have read access to this directory. To change the permissions on this directory to grant limited users full control follow the steps below.

1. Log in as an administrator
2. In Windows Explorer browse to the directory "c:\Documents and Settings\All Users\Documents\GAEA" and highlight the folder "StrataExplorer".
3. Right click on the StrataExplorer folder and select "Sharing and Security" from the popup menu, the form below will be displayed.
4. On the Sharing tab check the boxes for "Share this folder on the network" and "Allow network users to change my files".
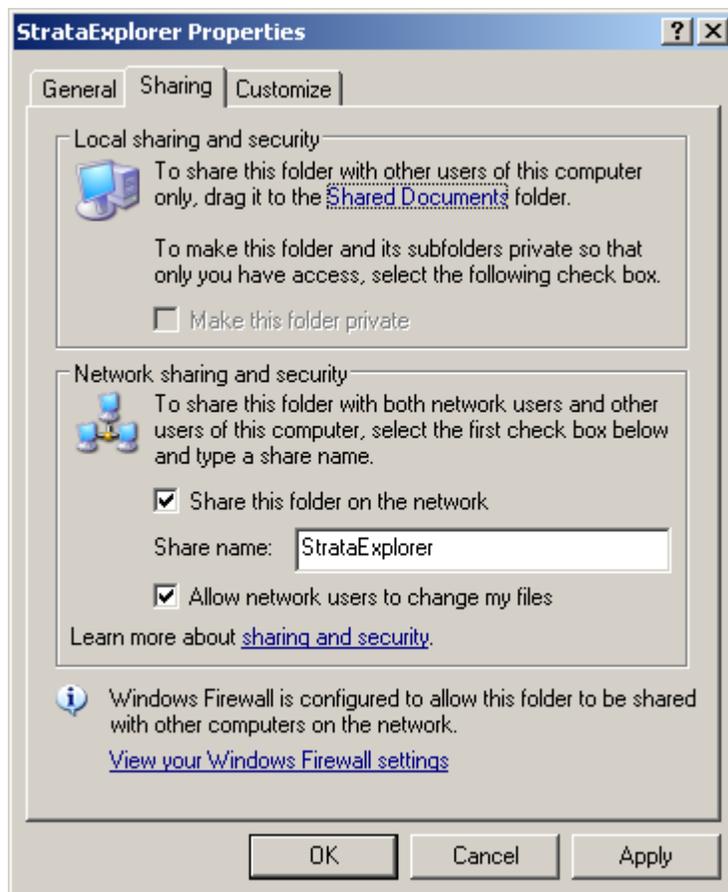
Windows Vista and XP Professional

The default location for the database and data store files in Windows Vista is "c:\Users\Public\Public Documents\GAEA\StrataExplorer". Typically non-administrative (limited) users only have read access to this directory. To change the permissions on this directory to grant limited users full control follow the steps below.

1. Log in as an administrator
2. In Windows Explorer browse to the directory "c:\Users\Public\Public Documents\GAEA" and highlight the folder "StrataExplorer".
3. Right click on the StrataExplorer folder and select "Properties" from the popup menu, the form below will be displayed.
4. On the Security make sure that the group "Everyone" has "Full Control" permissions.