

Chapter 5: The Installation Process

Before proceeding with the installation of PowerSCADA Expert 7.40 and optional components, refer to chapter 4 (Installation Requirements) in the *PowerSCADA Expert 7.40 Installation and Configuration Guide*, to ensure that you have the necessary hardware and system software on the target computer to support the installation. Also refer to chapter 3 (Installation Description) in the *PowerSCADA Expert 7.40 Installation and Configuration Guide*. That chapter explains the installation process and the options to select to correctly install the system that you want. Once you have decided which components of PowerSCADA Expert 7.40 you want to install you can perform the installation process by following the steps below.

To modify files after you install PowerSCADA Expert, you will need to re-run the installation.

NOTES:

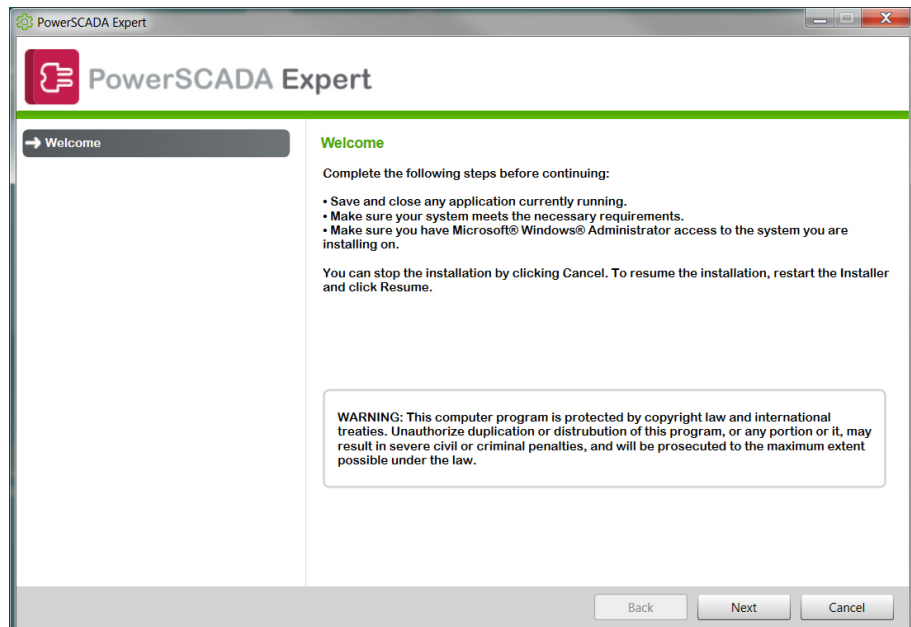
- Back up your existing projects, then uninstall prior versions before installing 7.40, as PowerSCADA Expert 7.40 does not support different versions running side by side. Make sure you uninstall the Schneider Electric Floating License Manager and PowerSCADA Expert Documentation.
- If you are installing PowerSCADA Expert 7.40 on a Windows 8 operating system, install all Windows 8 updates before you begin the PowerSCADA Expert 7.40 installation.
- If you install Matrikon Explorer on the same computer as PowerSCADA Expert 7.40, the LiveView and reporting features will not launch. To prevent this, install Matrikon before you install PowerSCADA Expert 7.40. If you install Matrikon after you install PowerSCADA Expert 7.40, you need fix the issue in this way: Go to IIS > ISAPI Filters, and then reset the dll that is already selected (click browse and re-select v4.0.30319 *aspnet_filter.dll*). Click OK.).

Preliminary Installation

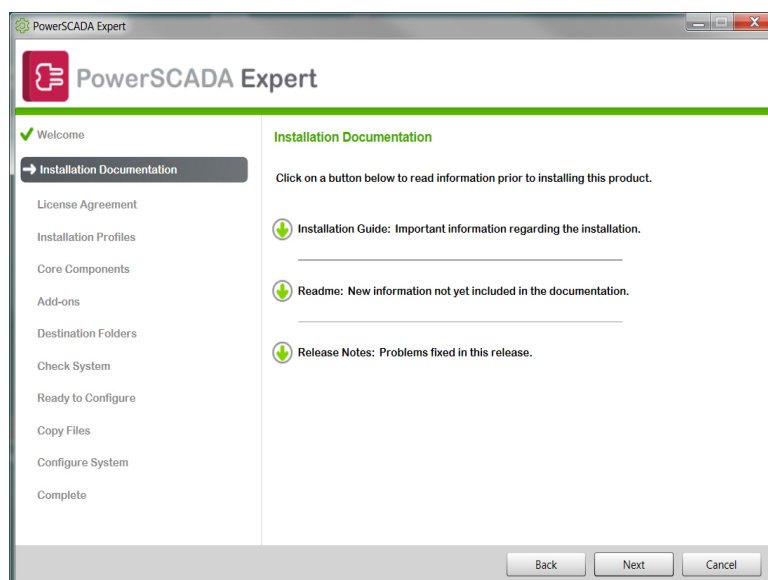
Do not have Windows Update running when attempting to install PowerSCADA Expert 7.40.

When you begin the installation, any additional system software that is necessary will be installed prior to the initial PowerSCADA Expert 7.40 Setup dialog being displayed..

1. To begin the installation, place the PowerSCADA Expert 7.40 DVD in the DVD drive of your computer. If you have autorun enabled the initial **PowerSCADA Expert 7.40 Setup** dialog will display. If this does not occur, use Windows Explorer to navigate to the root directory of the DVD and click MainSetup.exe to display the initial **PowerSCADA Expert 7.40 Setup** dialog.

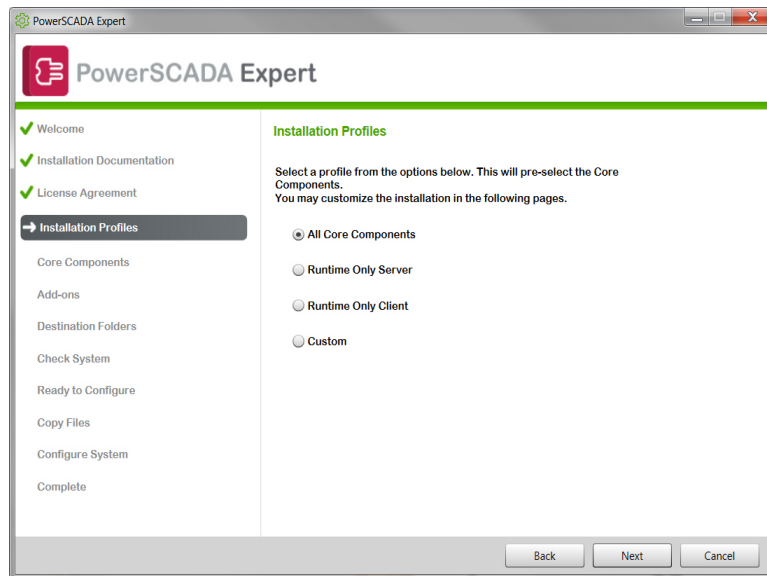


2. Click **Next** to begin the installation process and display the **Installation Documentation** dialog.



To read one of the documents before you continue the installation, click the green arrow (↓) beside the document name.

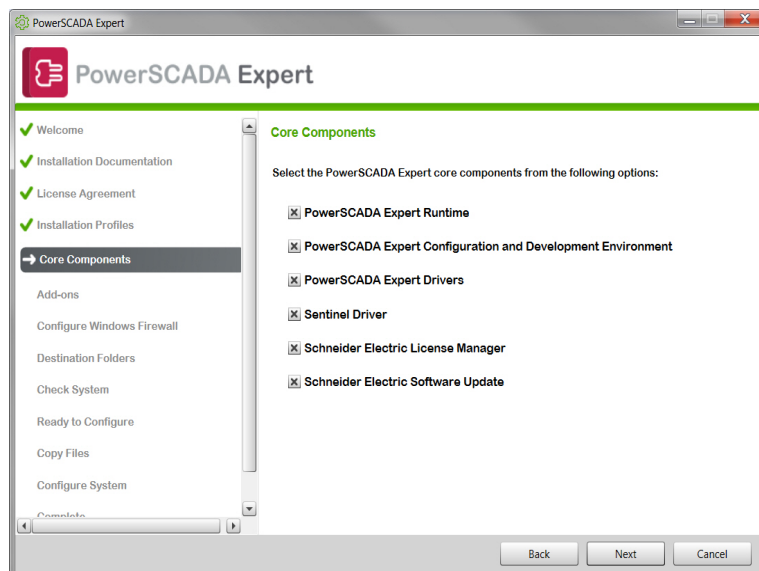
3. Click **Next** to display the **Installation Profiles** dialog:



Installation Profiles

1. In the **Installation Profiles** dialog, select the profile that represents the type of installation that you require. For information on the profiles and their application components refer to Chapter 3, Installation Description, in the *Vijeo Citect 7.40 Installation and Configuration Guide*.
2. Click **Next** to display the subsequent dialog in the installation sequence. The optional components selected by default in the subsequent dialog will vary subject to the option that you select in this **Installation Profiles** dialog.

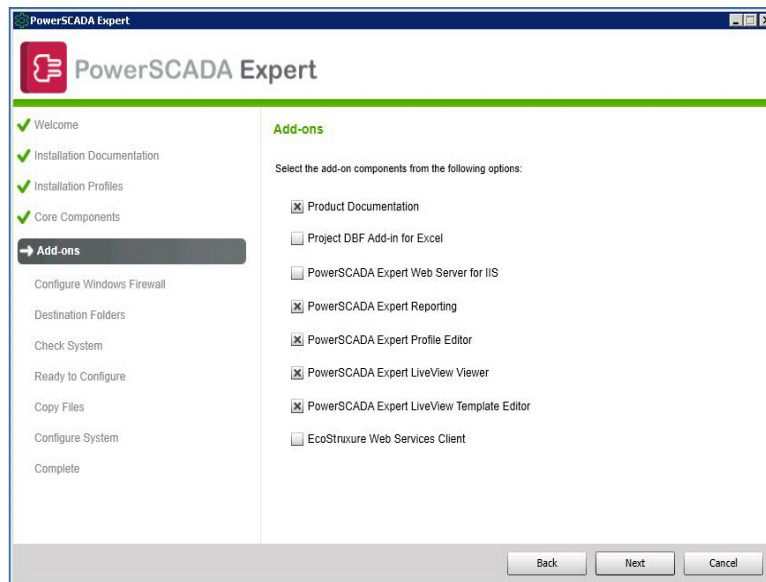
As an example, if you selected the default **All Core Components** option in the previous step, when you click **Next** the **Core Components** dialog will be displayed and will have all the components selected by default. If you had selected another profile in the previous step, only some of the components will be selected.



Notes: The Sentinel Driver is not necessary on a client that gets a floating license from a server. However if you upgrade from a Runtime installation to a Configuration and Development Environment, you need to select the Sentinel Driver so that the hardware protection key will be recognized.

The Schneider Electric License Manager box is checked by default. Leaving it checked will cause the Schneider Electric floating license to be installed at the end of the installation procedure.

3. When you are satisfied with the components that are selected click **Next** to display the **Add-ons** dialog:



The Add-ons dialog allows you to select specific additional components for your installation.

Note: The Project DBF Add-in for Excel™ option is selectable only if Microsoft Excel 2003 or greater is installed on the computer.

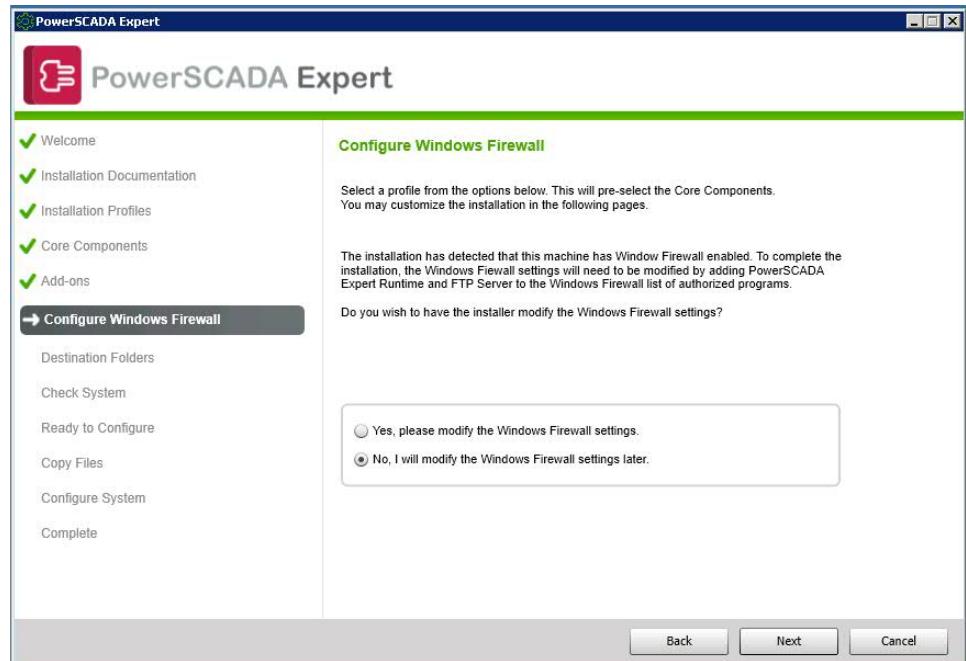
Refer to Chapter 3, (Installation Description) of the *Vijeo Citect 7.40 Installation and Configuration Guide*, for a description of these optional add-on components.

The PowerSCADA Expert Web Server on IIS (Internet Information Services) option uses IIS as a platform for your server.

4. Proceed to [Completing the Installation](#).

Completing the Installation

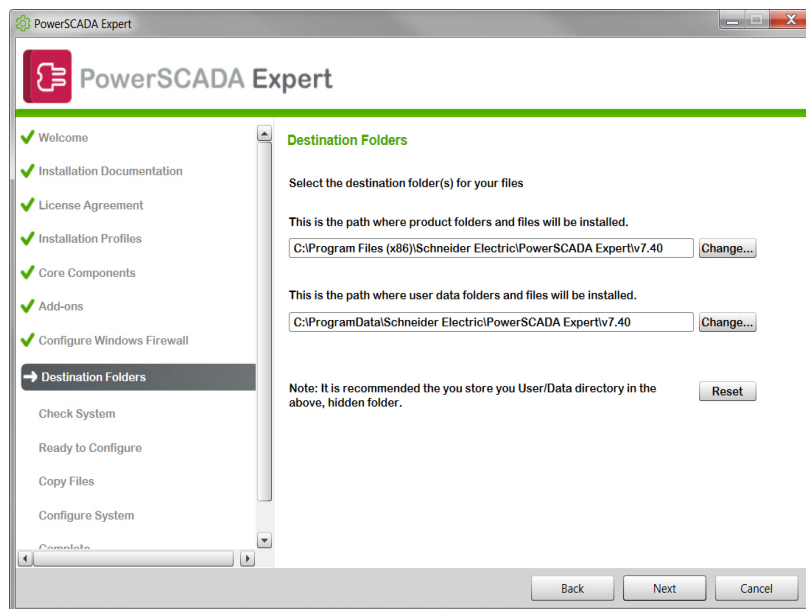
If you selected "PowerSCADA Expert Runtime" on the Core Components dialog, the **Configure Windows Firewall** dialog displays.



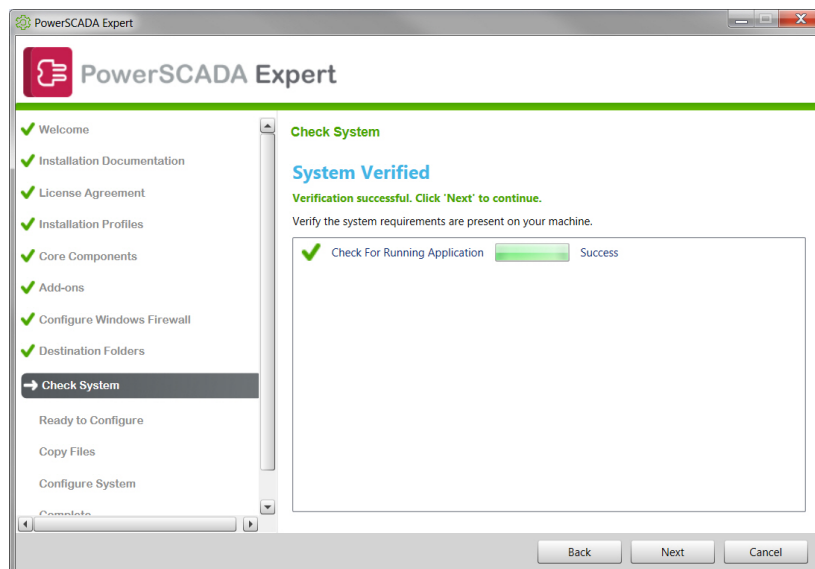
This dialog determines whether the Windows firewall is enabled (by default, it is not enabled). If you click Yes, you accept that the install will enable the setting. If you click No, it is not enabled; but you can enable it later.

1. Click **Next** to display the **Destination Folders** dialog.

The **Destination Folder** dialog identifies the folders into which the PowerSCADA Expert 7.40 program files you have selected will be installed:



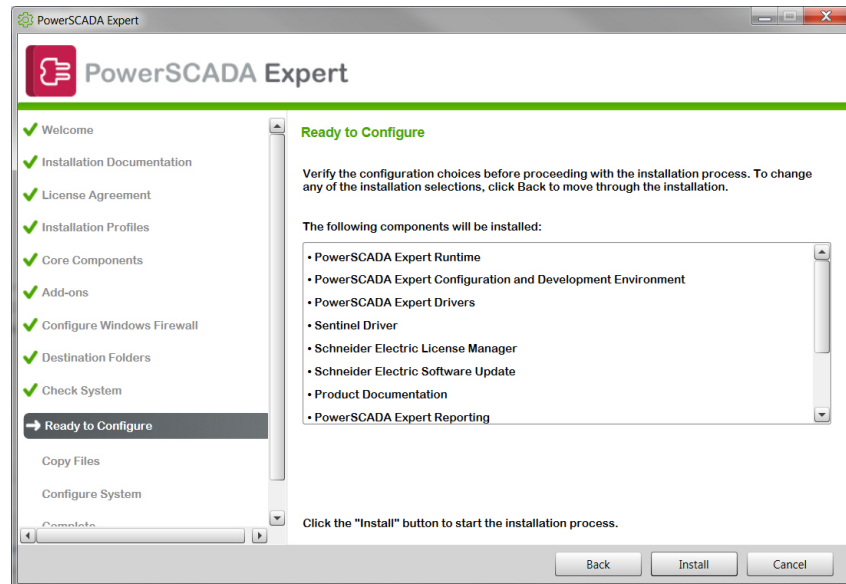
2. You may change the folder locations by clicking the **Change** buttons and selecting alternative locations.
3. When you are satisfied with the folder selections, click **Next** to display the **Check System** dialog:



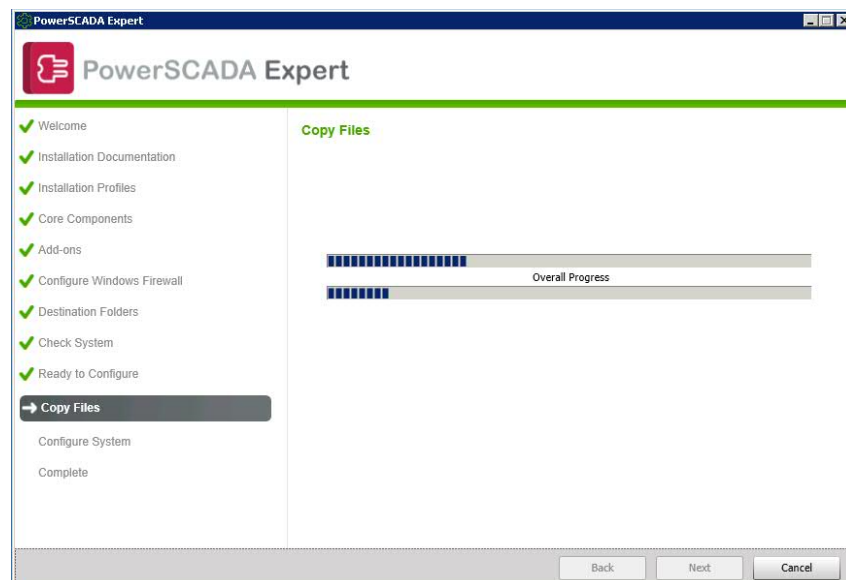
This dialog verifies that there are no running processes that would interrupt the installation. If a PowerSCADA Expert component is running, a red X displays on the Check System screen.

4. Note the processes, and close them. After you make the necessary changes, click **Try Again** in the middle pane of the screen.
5. Repeat steps 4 and 5 until all problems are solved.
When all errors are fixed, the system is verified.

6. Click Next to display the **Ready to Configure** dialog.

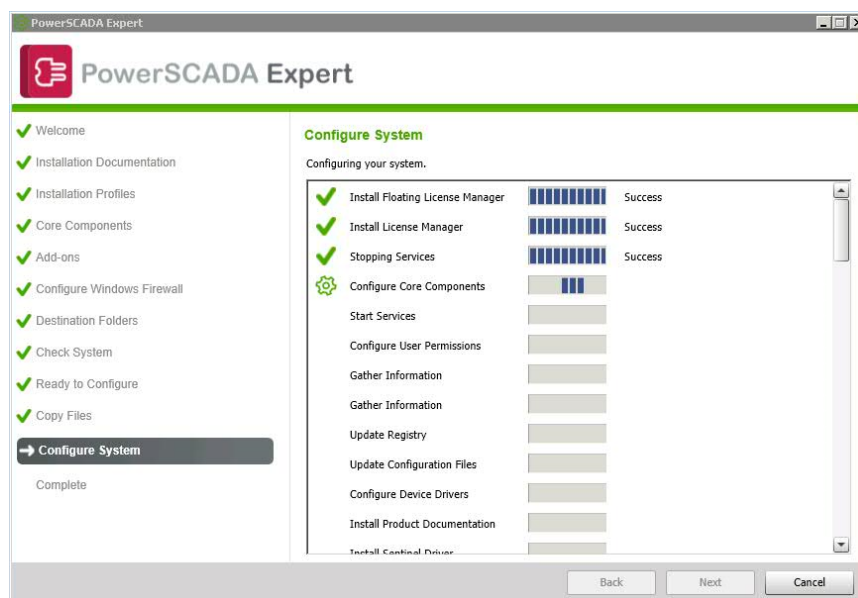


7. Click **Install** to view the Copy Files screen.



Progress bars display as files are being copied.

The **Configure System** screen displays while the system is being configured.



PowerSCADA Driver Installation

PowerSCADA Expert 7.40 communicates with control or monitoring I/O Devices that have a communication port or data highway - including PLCs (Programmable Logic Controllers), loop controllers, bar code readers, scientific analyzers, remote terminal units (RTUs), and distributed control systems (DCS). This communication takes place with each device through the implementation of a communications driver. It is important that these drivers are the latest version.

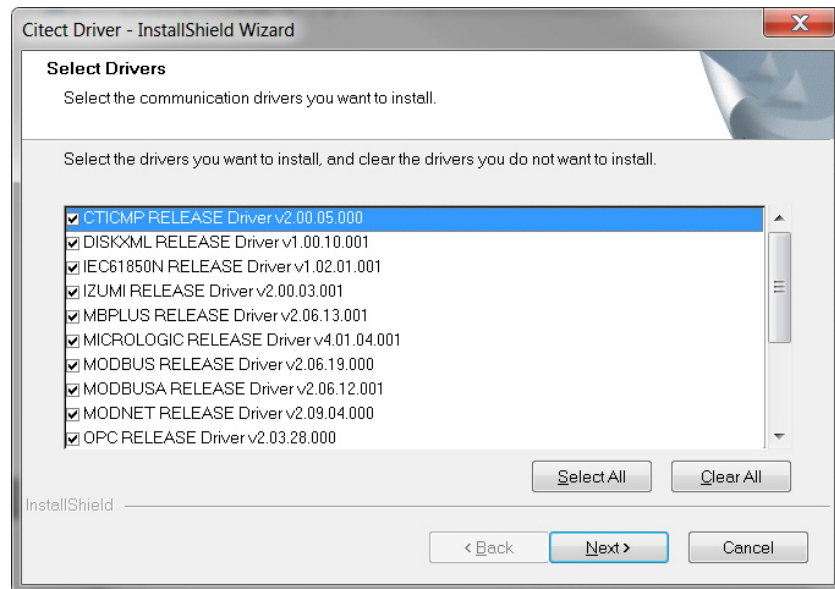

WARNING

INCOMPATIBLE DRIVERS

Do not ignore alerts during driver installation. If you choose to ignore such alerts, the driver will be installed, but may operate incorrectly.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

During the configuration, you will see driver installation screens if you selected PowerSCADA Expert Drivers on the Core Components screen. The first one is **Select Drivers**:



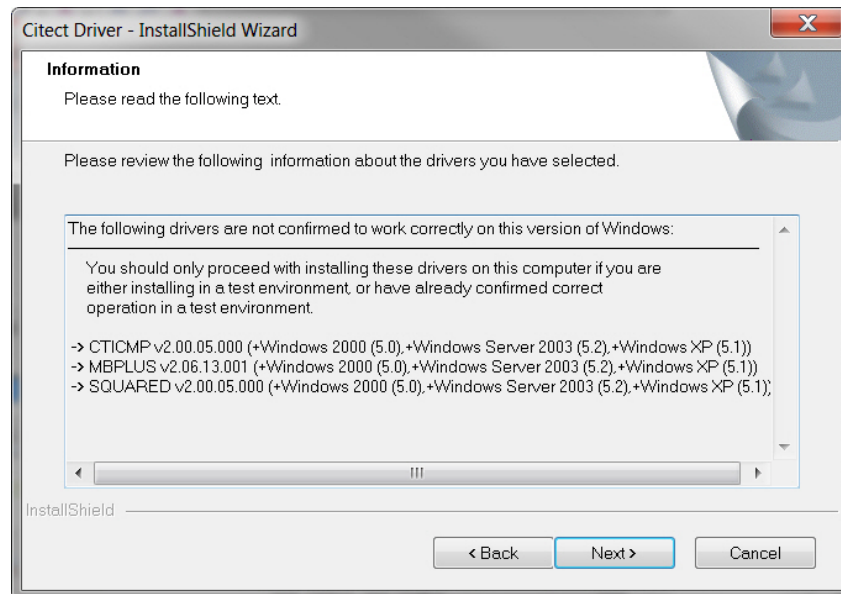
NOTE: You can also install additional communications drivers at any time after you have installed PowerSCADA Expert 7.40 product.

Some previous installations of PowerSCADA Expert 7.40 installed all the available communication drivers automatically with the installation of the product. Now, the installation process allows you to select individual drivers that you want to install, specific to your system and its I/O devices. There are certain drivers that the product installation will install that are necessary for PowerSCADA Expert 7.40 to function correctly. These are installed automatically, as in previous releases.

Only install drivers that are identified as being compatible with the computer's operating system. If you select any driver that is not yet identified as being compatible, or is specifically identified as not compatible, the installation process will provide an alert to that effect, and will allow you to deselect the driver prior to continuing with the installation.

8. Check the drivers you want to install. Click **Next**.

If you have selected drivers that are not confirmed to work with this installation, you see the following **Information** screen:



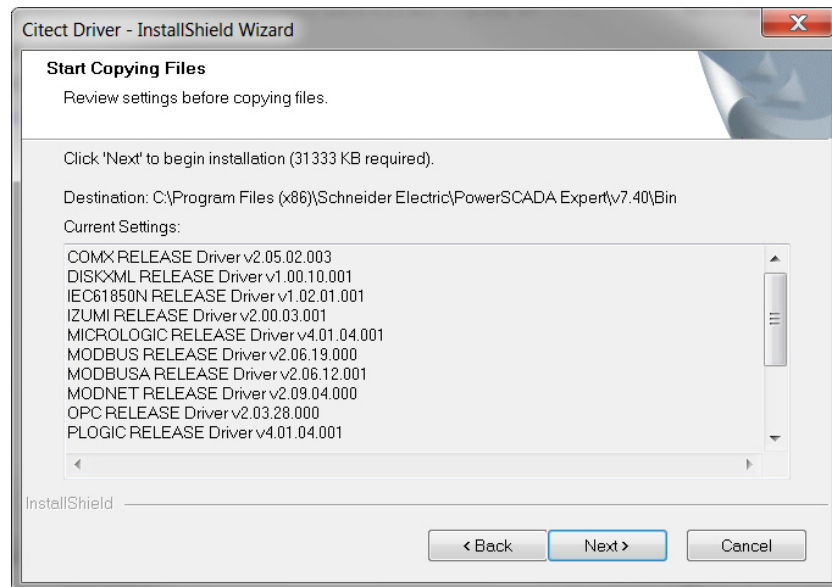
9. Unless this is a test installation and you have confirmed that these drivers will work, you should click **Back** and uncheck the drivers listed.

The following verification screen displays:



10. This screen asks you to verify that you have the correct drivers installed. When you are ready, click **Yes**.

The Start Copying Files screen displays a confirmation list of the drivers that will be installed.

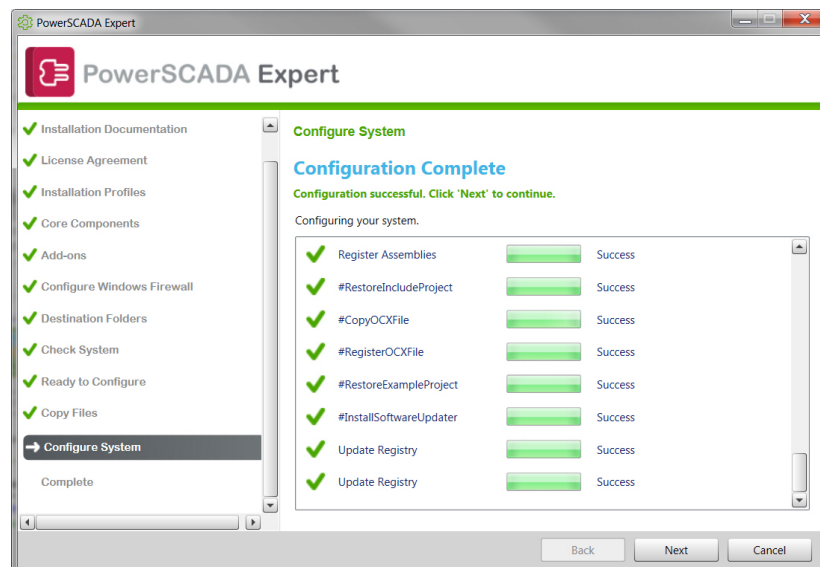


11. Click **Next** and the install will continue the installation.

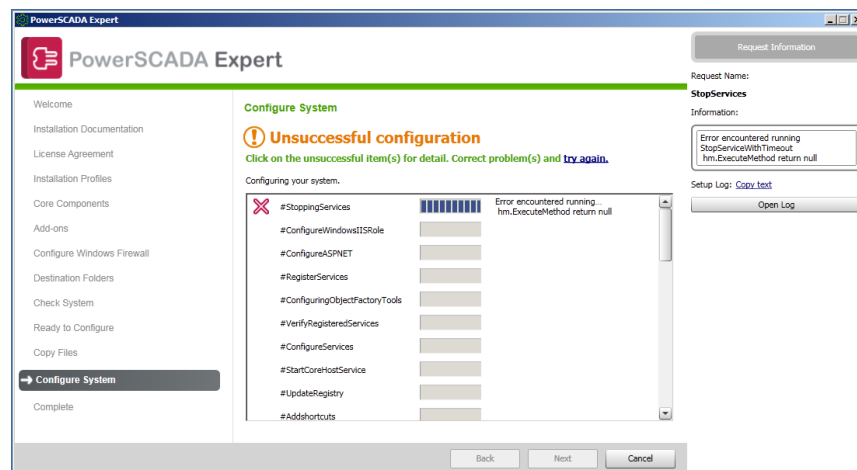
If you see a message telling you that Java Runtime Environment (JRE) is installed, but that it might be outdated, you can safely continue the install. This message is there because you checked "Schneider Electric License Manager" on the Core Components screen. You are asked to keep your JRE updated to help increase cyber security on this computer.

12. Click **OK** to continue the installation.

When configuration is complete, all of the components will be checked as in this image:



If you see "Unsuccessful configuration" (see below), you can view a log file, which will help you determine when the installation failed. To view the log file, click **Open Log** on the right side of the screen. When the file opens, read it, noting where files need to be corrected. Correct them in the order that they are presented.



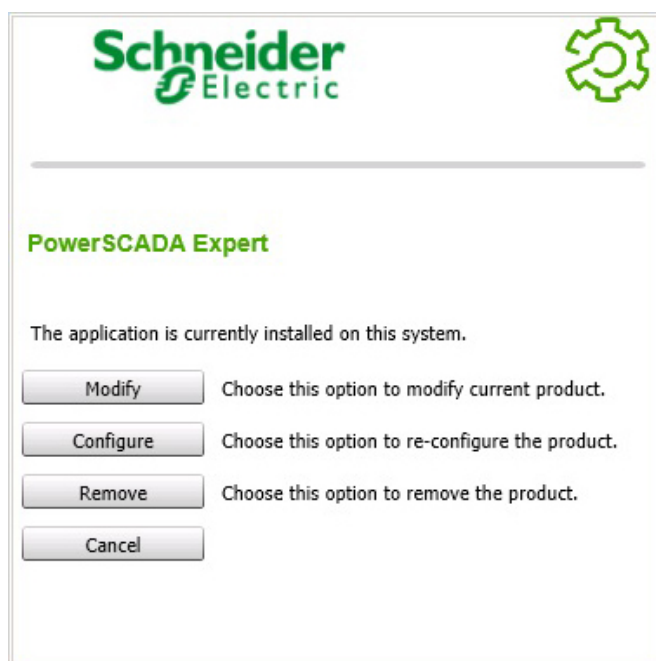
13. When configuration has completed successfully, click **Next**.

You see the **Complete** screen. Click **Close** to complete the installation.

PowerSCADA Expert 7.40 is ready to use.

Configure Components in PowerSCADA Expert 7.40

If you need to change components of the install after you finish installing PowerSCADA Expert 7.40, you can simply re-run the Setup.exe file. You see this screen:



NOTE: To remove components, you can also use Add/Remove Programs.

The following table describes the features of this window:

Option	Action
Modify	Use Modify to add PowerSCADA Expert 7.40 components that were not installed during the original installation, or to remove selected components via the Custom Setup dialog. If you select the Modify operation and click Next , the Custom Setup dialog will display.
Configure	This option allows you to configure the existing PowerSCADA Expert 7.40 component installation by reinstalling all non-customizable files in the same location as the previous installation. If any of the files were accidentally deleted or modified, then this option will restore the software back to its original state. The configure begins on the Check System dialog. See Completing the Installation on page 5 .
Remove	Use this option to remove all PowerSCADA Expert 7.40 component files and all of the registry entries. This will restore the computer to the state prior to installation of the PowerSCADA Expert 7.40 components. If you select the Remove operation and click Next, a message box will display requesting that you confirm or cancel the operation. If you confirm the operation, the PowerSCADA Expert 7.40 component will be uninstalled. This does not remove documentation, the PowerSCADA Expert Project DBF Addin, license manager files, or the Schneider Electric Software Update.
Cancel	Click to back leave this dialog without making any changes.

To begin modifying the install, click the same MainSetup.exe file you used to install PowerSCADA Expert 7.40. See [Preliminary Installation on page 1](#) for instructions.

