Installation Note

Agilent Technologies U9066A Sequence Studio

Agilent Technologies

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U9066A Sequence Studio Installation Note

Products Affected:	E6607 EXT Wireless Communications Test Set
Serial Numbers:	All
To Be Performed By:	(X) Agilent Service Center
	(X) Personnel Qualified by Agilent
	(X) Customer
Estimated Installation Time:	0.5 Hours

Introduction

Use this Installation Guide to install the U9066A Sequence Studio software on your PC.

Requirements

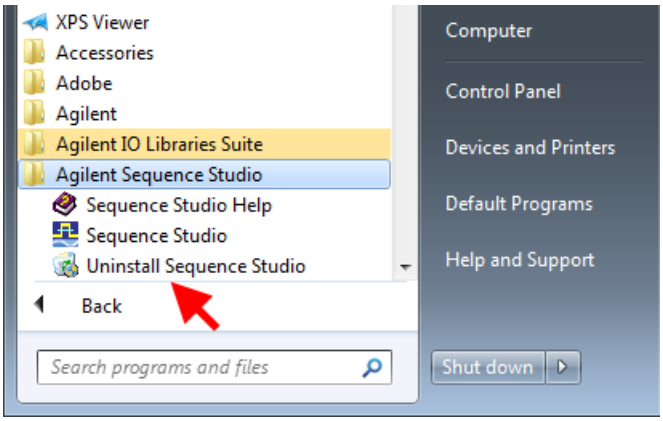
Before beginning the installation and connection, make sure that you have the following items:

- Installation PC with any of these supported operating systems: Windows XP (Home/Premium/Pro), Windows Vista, Windows 7.
- USB 2.0, LAN, or GPIB connection from your PC to the EXT test set.
- The PC must have Agilent I/O libraries version 15.5 (or greater) installed. The latest version of this software can be downloaded and installed from: http://www.agilent.com/find/iosuite/

Installation Procedure

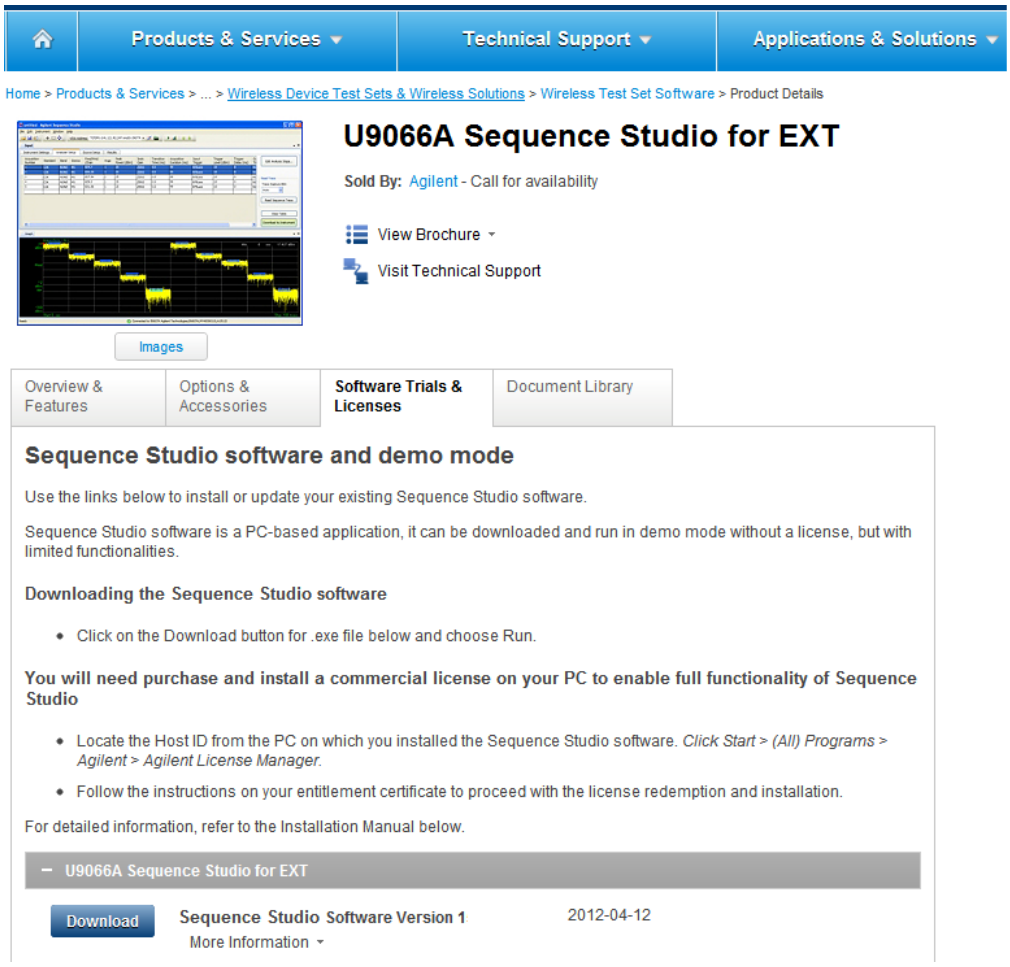
Install the Sequence Studio application on your PC as follows:

1. Make sure that Agilent IO Library Suite (version 15.5 or greater) is installed on your PC; see "Requirements" on page 4.
2. If an older version of Sequence Studio is already installed on your PC, it is recommended that you uninstall it before you install the new version. An "Uninstall Sequence Studio" utility is accessible from the Windows "All Programs" menu, listed under Agilent Sequence Studio.

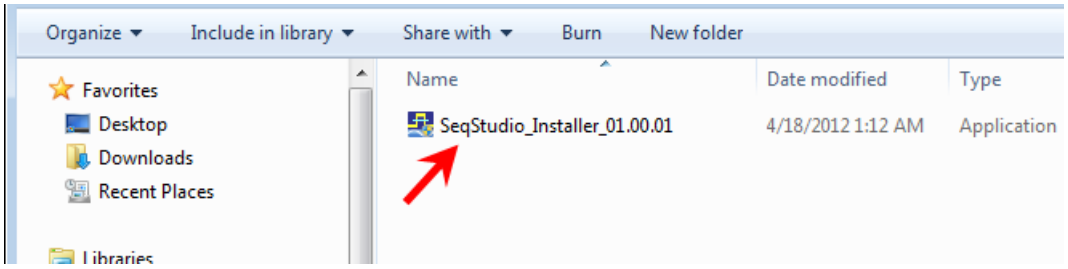


3. Download the Sequence Studio application from: http://www.agilent.com/find/u9066a

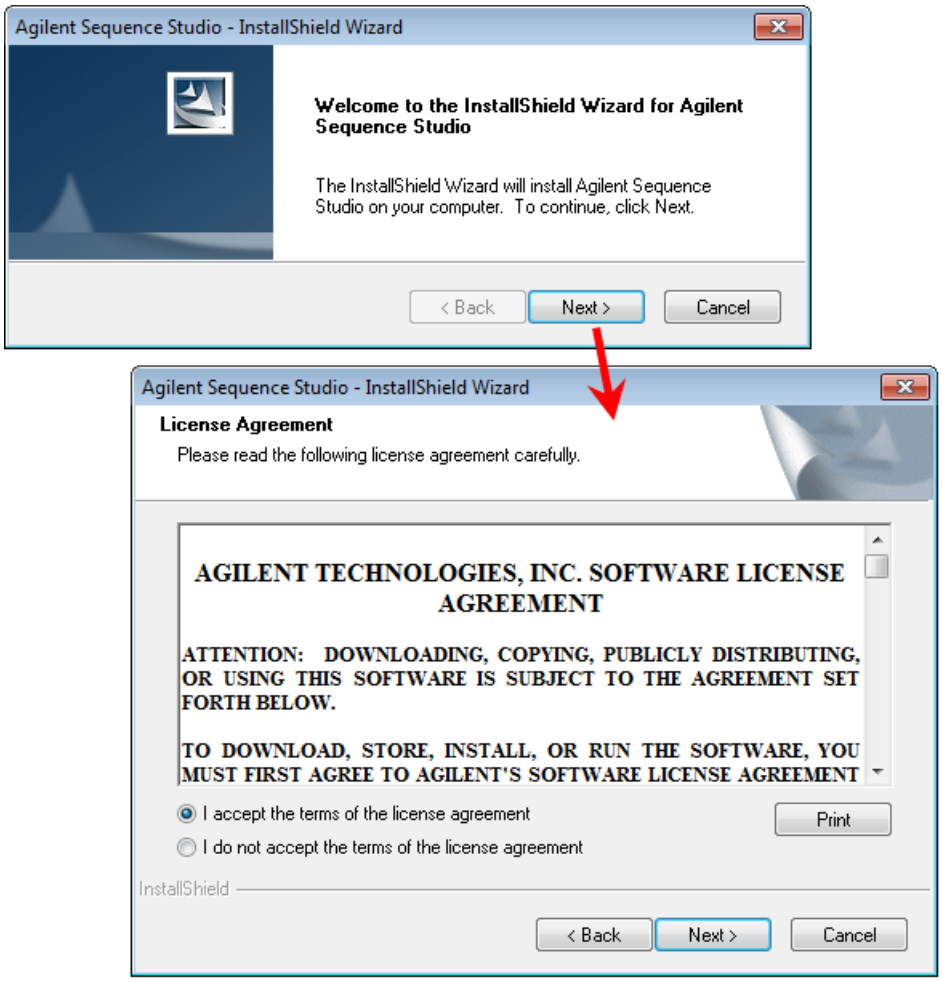
   Go to the Software Trials & Licenses tab and download the installer file to the hard drive of your PC. This is a large file, because it includes additional applications which are needed to support Sequence Studio (Agilent License Manager, Microsoft .NET Framework 4, and Microsoft Visual C++ 2010 Redistributable).



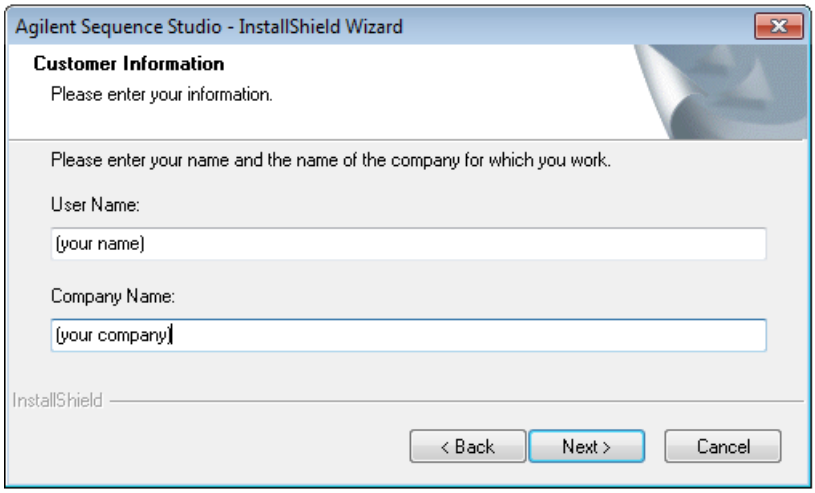
4. After the installer has been downloaded, launch it by double-clicking on the name of the installer file in Windows Explorer.



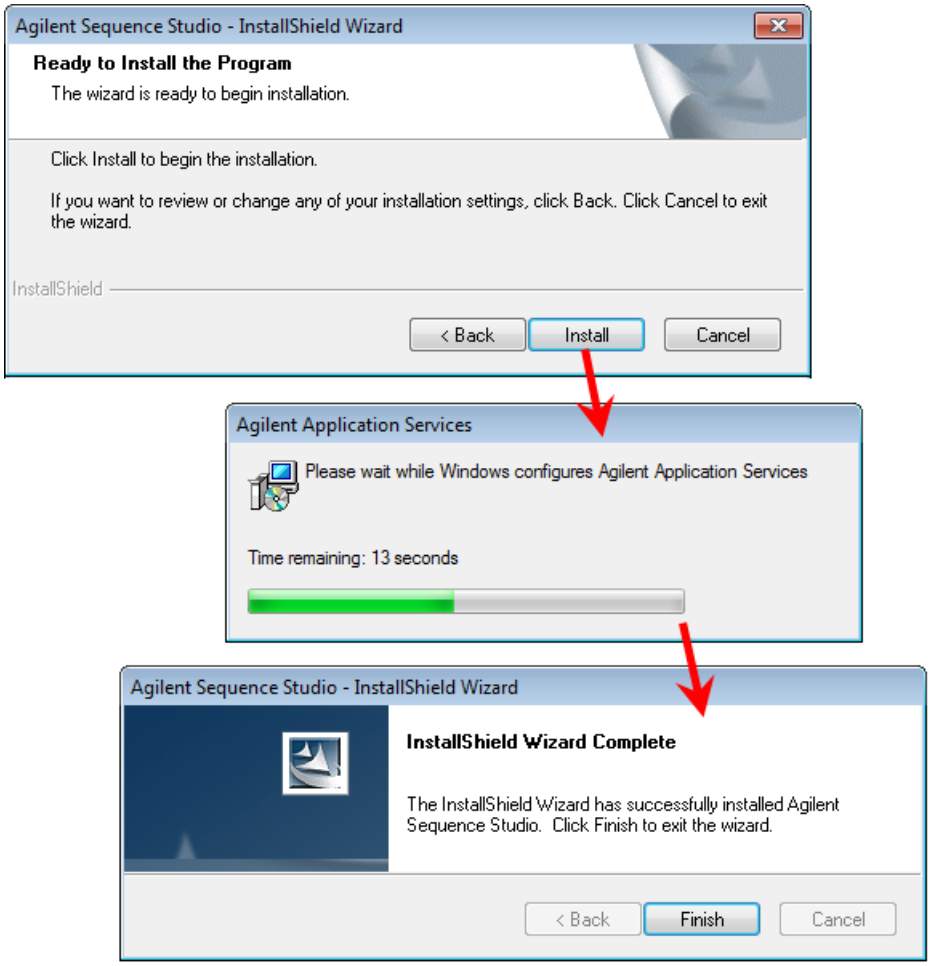
5. A series of Windows appears as the installation progresses. Follow the instructions displayed, including clicking on “I accept...”: in the License Agreement window. Click Next to continue.



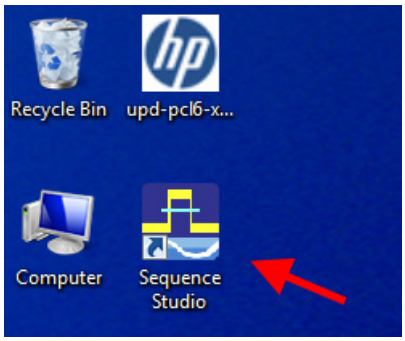
6. Enter your name and company name in the Customer Information window, and click Next to continue.



7. Click Install. The installation includes, in addition to Sequence Studio, other applications which Sequence Studio requires, such as Agilent License Manager, Microsoft .NET Framework 4, and Microsoft Visual C++ 2010 Redistributable. Expect various windows to appear and disappear before the InstallShield Wizard Complete window appears; then click Finish to conclude the installation.

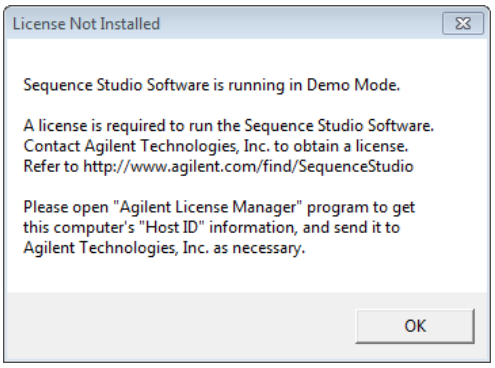


8. A Sequence Studio icon is now visible on the desktop, which can be used to launch the application.



Sequence Studio License

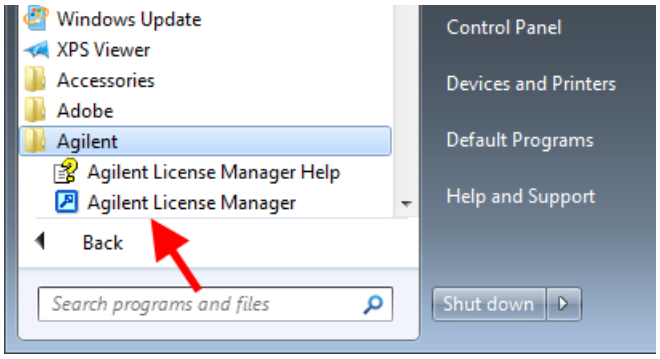
Although Sequence Studio can be launched and run in Demo Mode without a license installed, several features (especially those which support communication with the EXT test set) are not available in that mode. When you launch Sequence Studio without an installed license, a warning window appears:



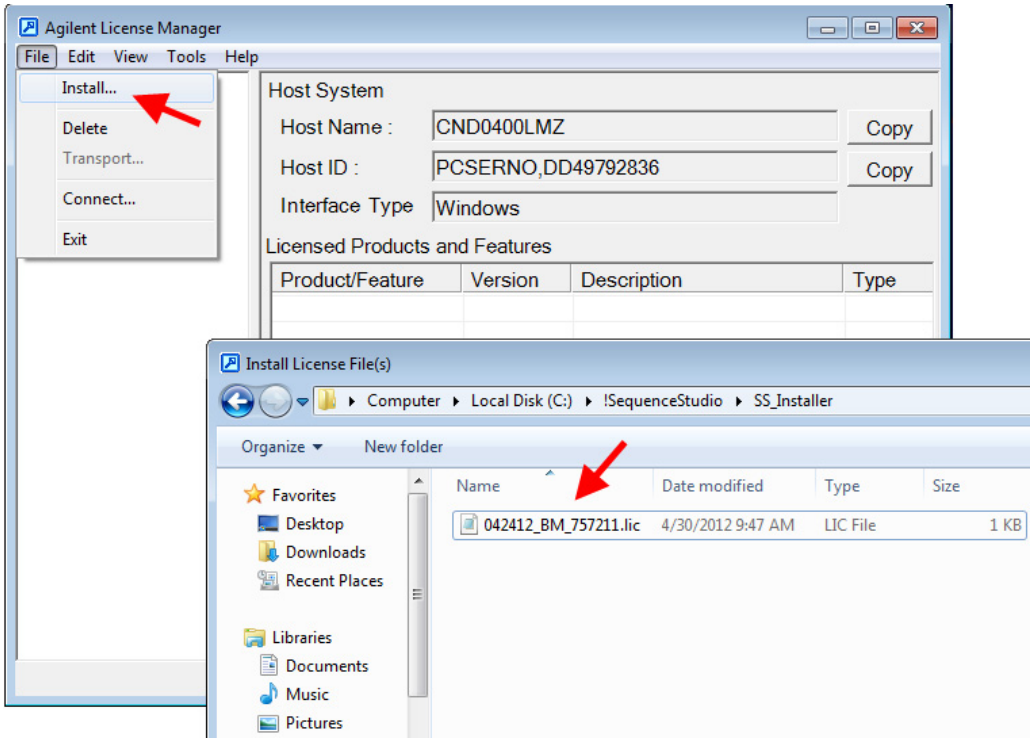
Installing a License

To install a Sequence Studio license, proceed as follows.

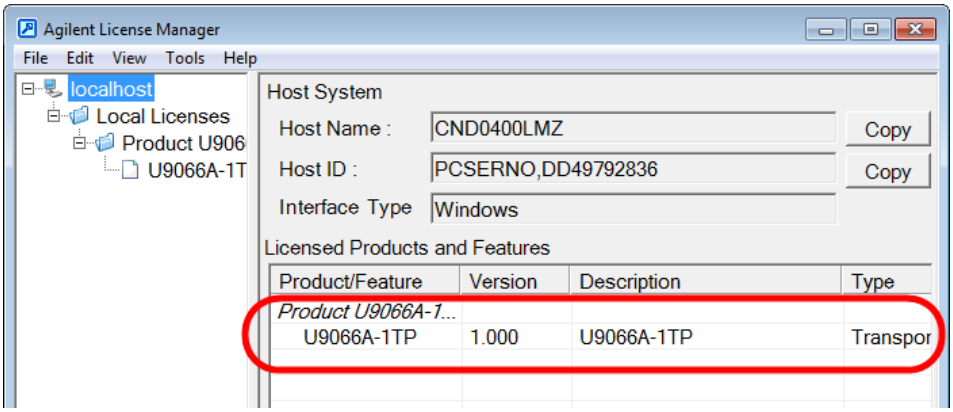
1. When you purchase a Sequence Studio license, Agilent Technologies provides you with an Entitlement Certificate (in printed or electronic form) which includes the web address for a site where you can redeem the certificate, and instructions on how to do so.
2. Visit the referenced web site, and use the information from the Entitlement Certificate to fill in the redemption form. When the redemption process is completed, you will be provided with a license file (`filename.lic`).
3. Save the license file to the hard drive of the PC on which you have installed Sequence Studio.
4. Launch Agilent License Manager (it is accessible from the All Programs menu in Windows, under Agilent).



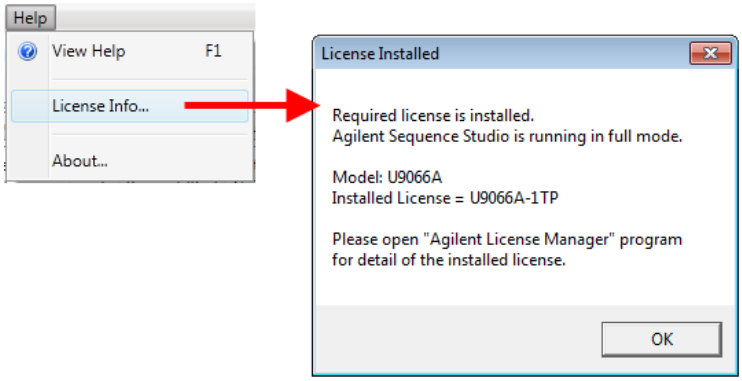
5. From the File menu of Agilent License Manager, select Install. Navigate to the location on your PC hard drive where you have stored the Sequence Studio license file (`filename.lic`), and select it for installation.



6. Once the license is successfully installed, it is listed (as “U9066A-1TP”) in the table of Licensed Products and Features.



7. Agilent License Manager can now be closed. When Sequence Studio is launched, it recognizes that the U9066A-1TP license is installed; this allows Sequence Studio to run in full mode rather than demo mode.

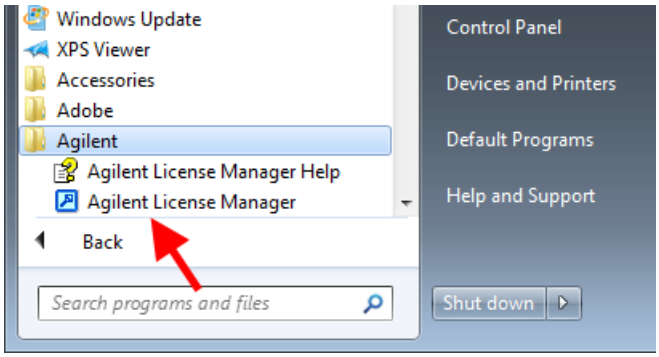


Transporting a License

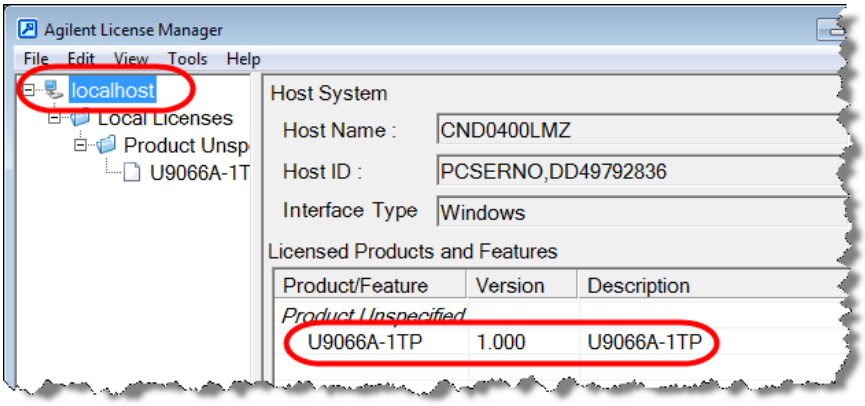
A transportable license for Sequence Studio can be moved from one PC to another up to 10 times per month, but it can only be used on one PC at a time. Two methods of moving a transportable license between PCs are described below.

Recommended Method: Both PCs Connected to the Internet

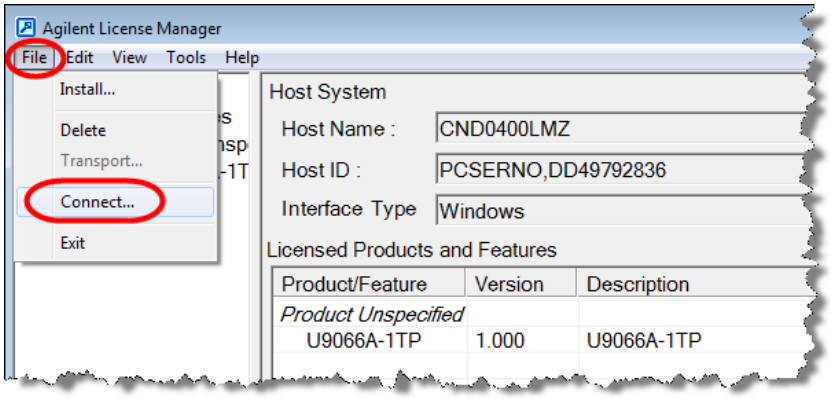
1. Make sure that the source PC (the one currently licensed) and the target PC (the one to be licensed) are connected to a Local Area Network, with internet access.
2. Launch Agilent License Manager (it is accessible from the All Programs menu in Windows, under Agilent).



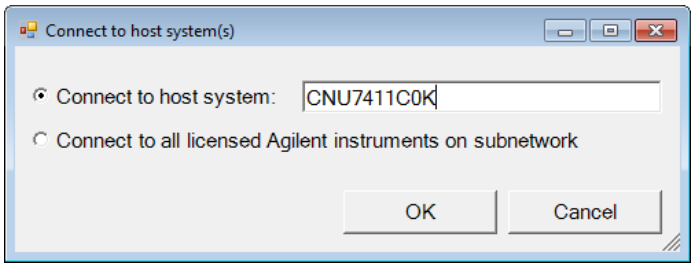
3. Agilent License Manager identifies the source PC as "localhost" and shows the licenses installed on it.



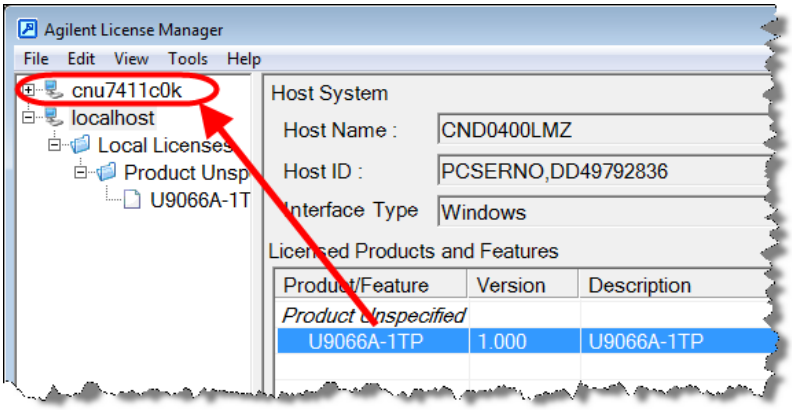
4. Select File > Connect...



5. Enter the hostname or IP address of the target PC.

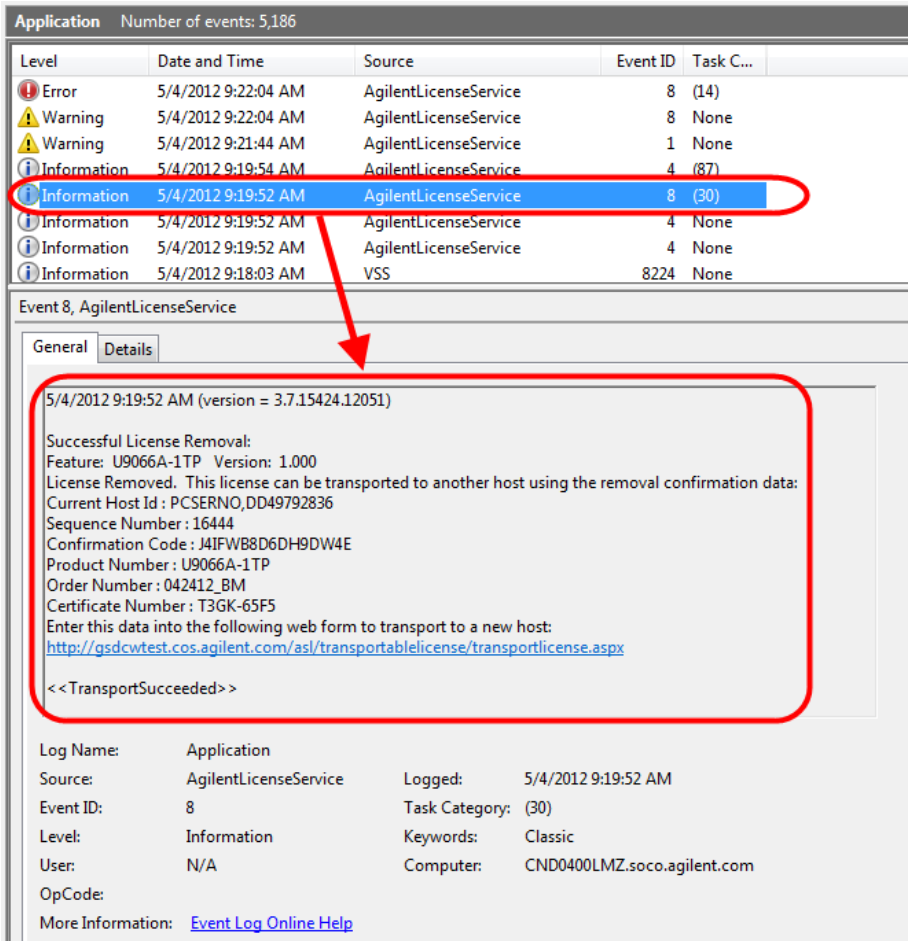


6. After Agilent License Manager has added the target PC in the left pane, drag and drop the U9066A-1TP license to the hostname/address node of the target PC. This transports the license.



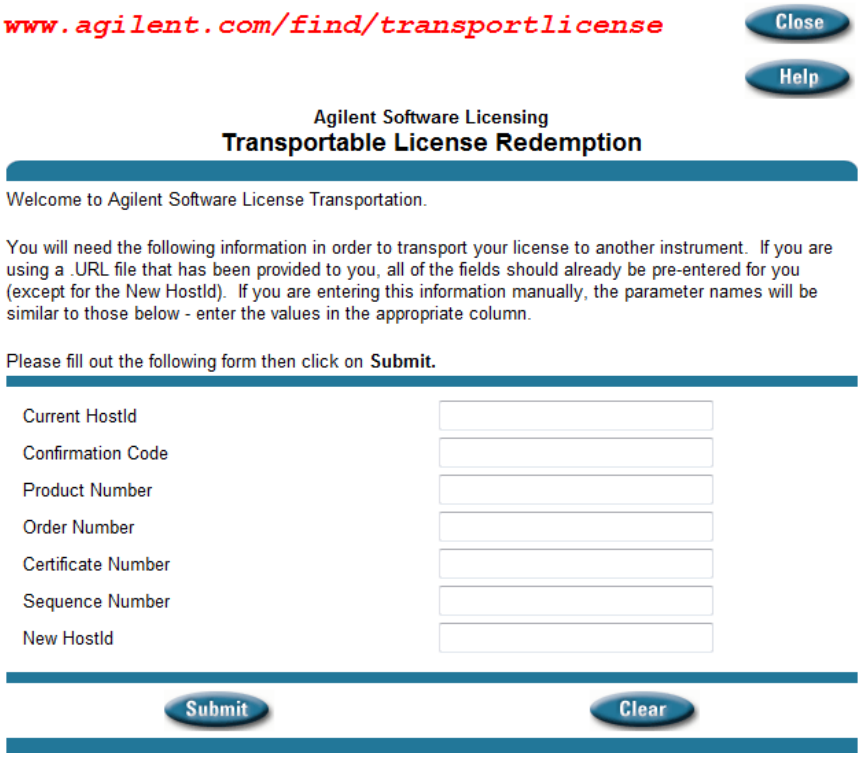
Alternative Methods

1. Launch Agilent License Manager on the source PC, as described above.
2. Right-click on the U9066A-1TP license displayed in the table, and select Delete from the right-click menu.
3. In the Transport License dialog box which appears, save the license contents to a file with a .url extension.
4. If you don't save the license contents at this time, you can retrieve the information later. In the Windows Control Panel, under System and Security/Administrative Tools, open the Event Viewer and go to the Applications section. Browse through the entries for "Agilent License Service" at the time when the license was removed, until you locate the event file which includes the information illustrated below:



5. If the source PC is not connected to the internet, copy the .url file that you created in Step 3 to a portable mass storage device, such as a USB flash drive. Connect the portable mass storage device to the target PC, which needs to be connected to the Internet.

6. On the target PC, located and double-click on the name of the .url file that you transferred from the source PC. The .url file appears in a browser that is connected to the Agilent Software License Transportation web page, as illustrated below. The fields automatically update with the license contents. If you did not save the .url file, and must work with the information collected from the Event Viewer, enter that information manually in the form.

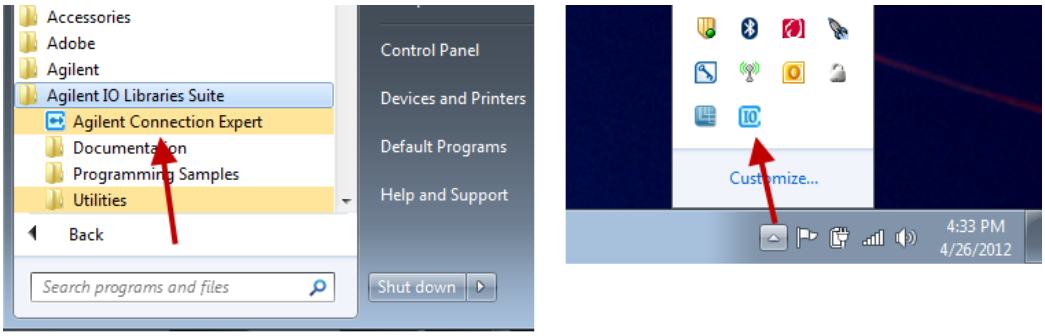


7. Enter the target PC's HostId (model number, serial number) and then click the Submit button. A link to the re-issued license is displayed.
8. Right-click the link and select Save Target As. Save the license file to a location on your PC (or portable mass storage device).
9. Open Agilent License Manager on the target PC. Locate the license file and drag (or copy and paste) it into the License Manager's tree view.

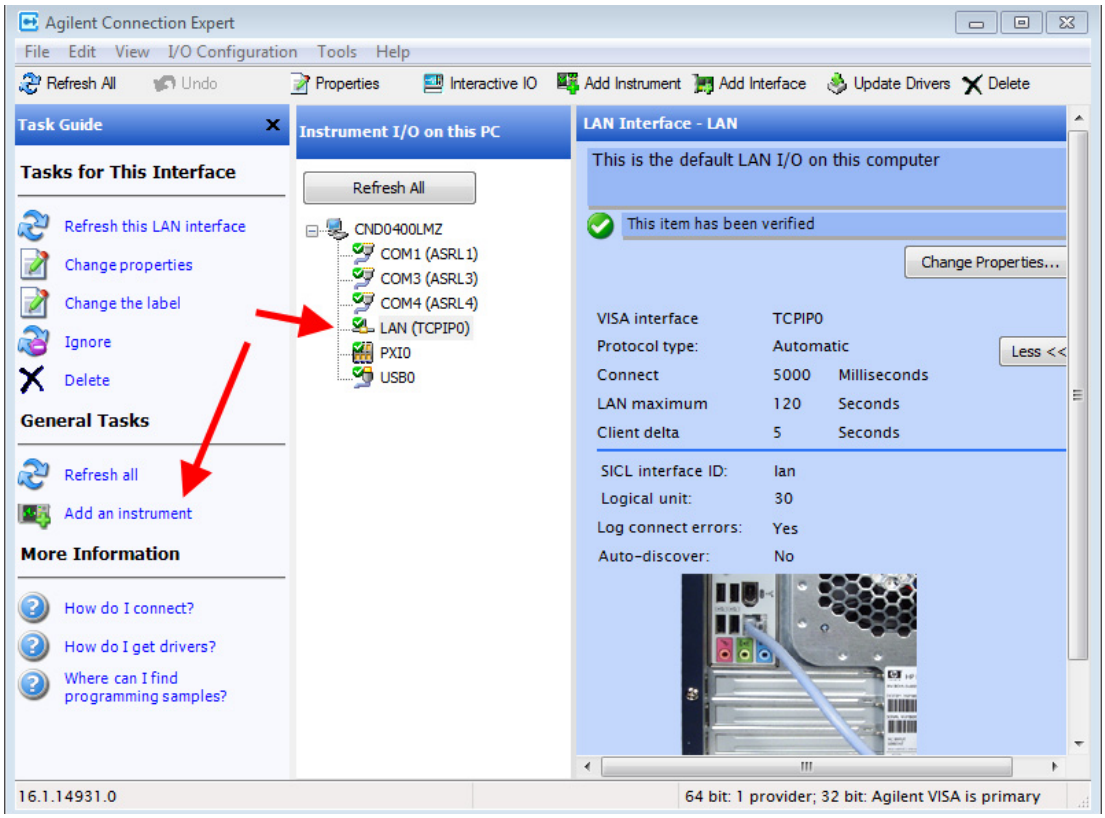
Connecting to the Test Set

Although Sequence Studio can be used to create and edit sequences on the PC, without connecting the PC to other equipment, the full capabilities of Sequence Studio become available only when the PC is set up with an interface connection to the EXT test set, as described below.

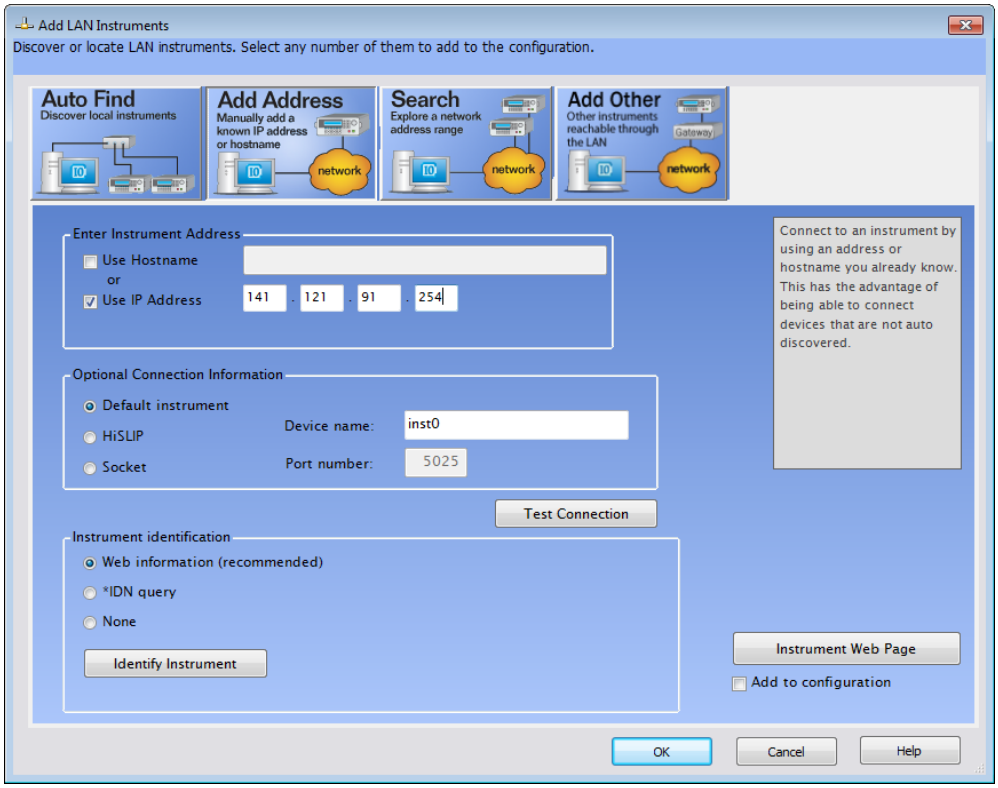
1. Set up a hardware interface connection (LAN, USB, or GPIB) between your PC and the EXT test set.
2. Open an Agilent Connection Expert window, either by select Agilent Connection Expert from the All Programs menu in Windows (under Agilent IO Libraries Suite), or by clicking on the IO icon, located in your PC tool tray.



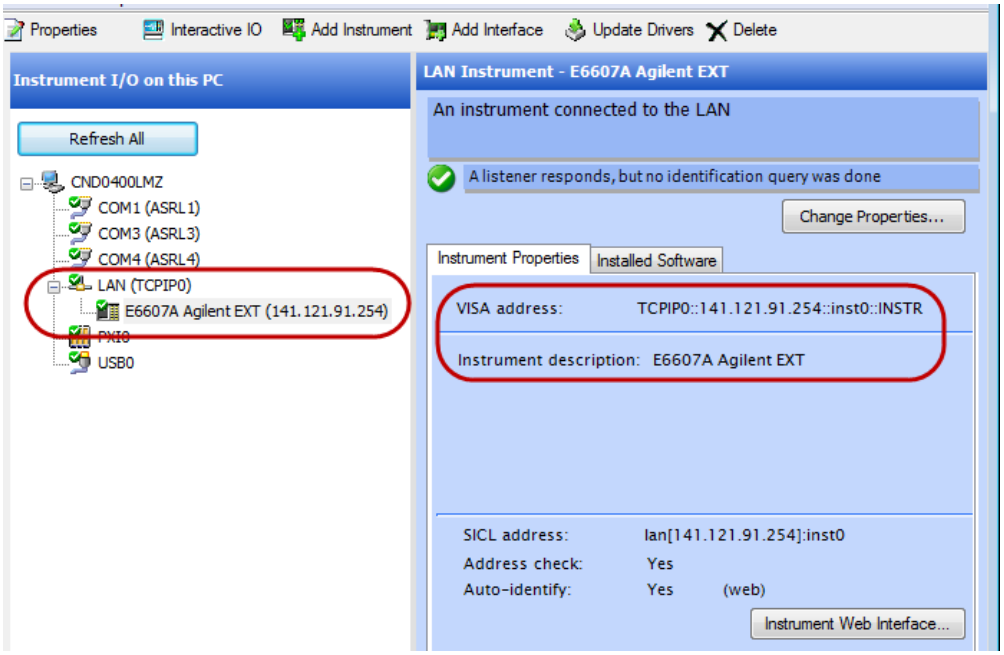
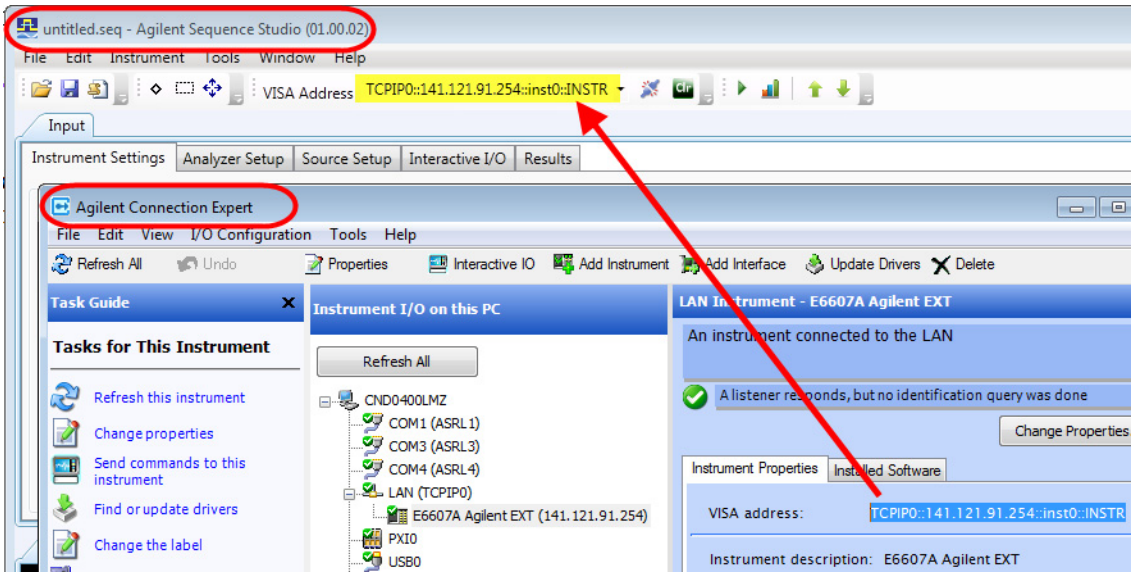
3. Under “Instrument I/O on this PC”, select the interface you have used to connect your PC to the test set; then click “Add an instrument” under “Task Guide”.



4. Use the configuration window which opens to establish the interface connection with the EXT test set. (In the example illustrated below, the connection is made via LAN.)



5. When a connection is established, the EXT is listed (with a green check mark) with the relevant interface under “Instrument I/O on this PC”.



6. The VISA address of the EXT test set can be copied from the Agilent Connection Expert window to the VISA Address field of the Sequence Studio window, in order to connect Sequence Studio to the instrument.