



AADvance Controller

Catalog Numbers T9110, T9300, T9310, T9401/2, T9431/2, T9451, T9481/2



Allen-Bradley

by ROCKWELL AUTOMATION

Software Installation

This chapter provides the instructions to install and license the AADvance® Workbench software.

AADvance Workbench Licensing Options

You can use the AADvance Workbench for a trial period of 30 days with a promotional license. To use a fully operational version of the AADvance Workbench you must purchase a license from Rockwell Automation.

License keys come in two forms:

- T9082/3U Single User Hardware License: a hardware license key is a dongle that is delivered with the software. To operate the license insert the dongle into the USB port. This hardware key allows you to move the license to another PC, but only the PC with the USB Dongle installed allows the Workbench to be started.
- T9082/3D Single User Software License: a software license key (hard disk key) is obtained and activated through the AADvance License Manager. This establishes the license on a PC; but only the PC with the software key activated allows the Workbench to be started.

When you purchase a single user software license you can select from the following:

- T9082 Multiscan (PRS): Single user, single controller license
- T9083 Distributed (PRD): Single user, multiple controllers' license.

Network licenses are also available:

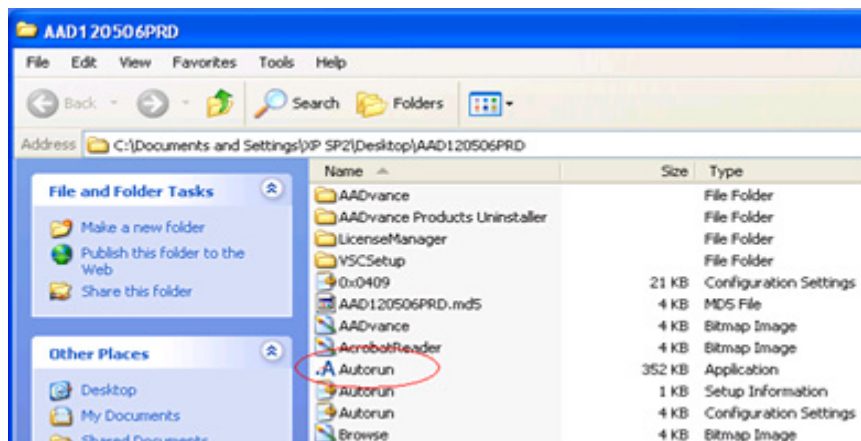
- T9084U Network User License: A network license (USB dongle) allows the users to license copies of the AADvance Workbench on several PC's so long as they have a continuous network connection to a license server. As it is a USB license option and will work with Windows XP Service pack 3; Windows Vista; Windows 7 and server 2003 in both 32-bit and 64-bit versions.

Install the AADvance Workbench and Utilities

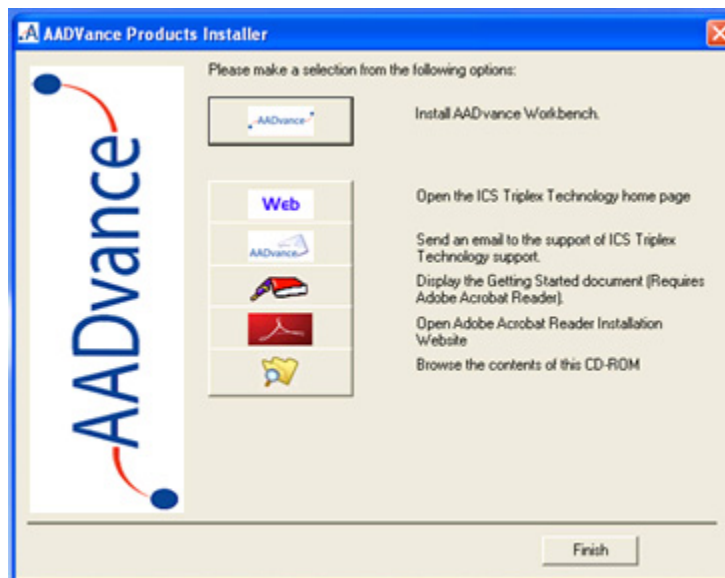
When installing a single user license you do not need to install the License Manager separately unless you are running a network installation; just run the License Manager to activate or enable a license.

Installing Workbench Part Numbers: T9082U, T9082D, T9083U and T9083D

- NOTE**
- You require "Admin" rights on the PC the Workbench is to be installed on.
 - The Install CD has an Autorun application, so simply inserting the CD will launch the AADvance Products Installer.
 - If however the Workbench is being installed using a downloaded CD image, to launch the AADvance Products Installer you must run the Autorun application from the following folder.



To install the Workbench and its Utilities do the following:

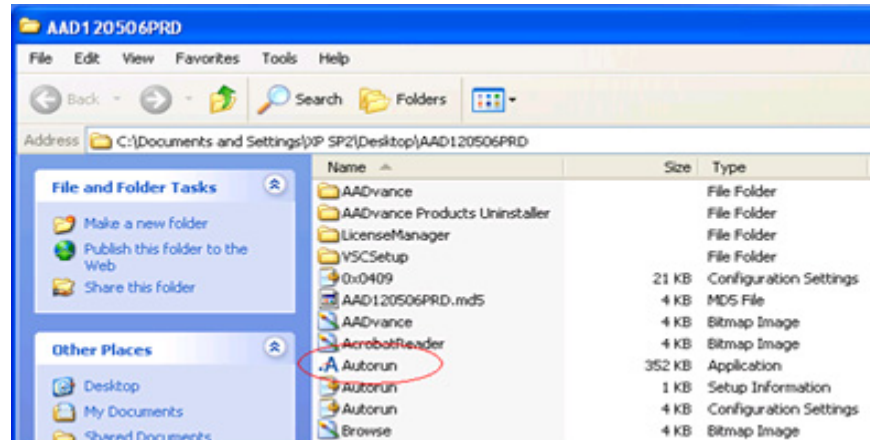


1. Click on the **Install AADvance Workbench** button.
2. Accept the License Agreement and the installation will commence.
 - The default is to install both the Workbench and the License Manager components; we recommend proceeding with the defaults.
 - When the install commences you will be given the option of changing the location for the install, we recommend you accept the default settings.
 - During the install you will be asked if you want shortcuts placed on your desktop, simply answer yes or no depending on your preference.

- When the installation is complete you will be prompted to restart the computer.

Installing Workbench Part Numbers T9084U Network License

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- NOTE**
- You require "Admin" rights on the PC the Workbench is to be installed on.
 - The Install CD has an Autorun application, so simply inserting the CD will launch the AADvance Products Installer.
 - If however the Workbench is being installed using a downloaded CD image, to launch the AADvance Products Installer you must run the Autorun application from the following folder.
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- To use Network based licensing, you have to install the Workbench and the License Manager on any PC's you wish to run the Workbench on and you have to install the License Manager on the PC or Server that will act as the network License Server.
1. Click on the **Install AADvance Workbench** button.
 - You must accept the License Agreement before the installation will commence.
 - The default is to install both the Workbench and the License Manager components; we recommend proceeding with the defaults.
 - When the install commences you will be given the option of changing the location for the install, we recommend you accept the default settings.
 - During the install you will be asked if you want shortcuts placed on your desktop, simply answer yes or no depending on your preference.
 - When the installation is complete you will be prompted to restart the computer, this must be done prior to using the Workbench.

Install the License Manager on the Network License Server

1. Click on the **Install AADvance Workbench** button at the top of the list of the AADvance Products Installer.
 - You must accept the License Agreement before the installation will commence.
2. Select the License Manager Only.

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- NOTE** The License Server can also function as a Workbench, if this is the intended method of operation proceed with the defaults.
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- When the install commences you will be given the option of changing the location for the install, we recommend you accept the default settings.
- During the install you will be asked if you want shortcuts placed on your desktop, simply answer yes or no depending on your preference.
- When the installation is complete you will be prompted to restart the computer, this must be done prior to using the Workbench.

Add and Activate a New AADvance Workbench License

You use the following AADvance License Manager window to add and activate a new Software (Disk Based) AADvance Workbench licenses. USB licenses are detected automatically.

NOTE You need only one set of user codes and registration keys to activate the license key, irrespective of the feature set or number of licenses ordered.

To add a new license do the following:

AADvance License Manager 1.00.002

Configuration

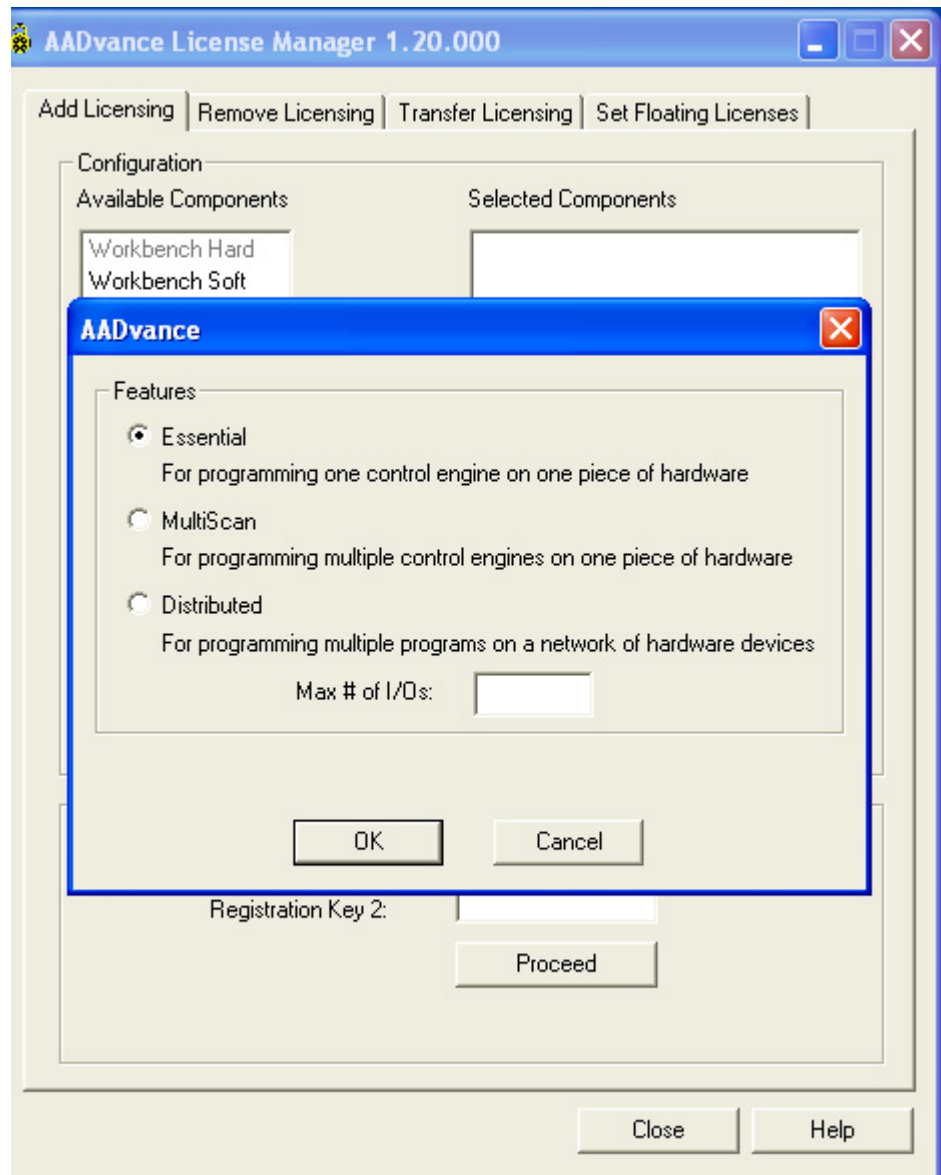
Available Components		Selected Components
AADvance Hard	---> <---	AADvance Soft (Active) - PRD *

Setup Code:
 User Code 1:
 User Code 2:

Registration

Registration Key 1:
 Registration Key 2:

1. From the Start menu select **AADvance ➔ Licensing AADvance**.
 - The AADvance License Manager dialog box opens.
2. Select the **Add Licensing** tab.
3. Select an AADvance Soft component from the Available Components, then click the ➔ button to move the selection to the Selected Components window.
4. The AADvance license Features options appears.



5. Select the license feature and leave the Max # of I/Os blank. When you purchase a single user license you can choose from the following feature sets:
 - T9082 Multiscan (PRS): Single user, single controller license
 - T9083 Distributed (PRD): Single user, Multiple Controllers license.
6. A Setup Code and two User Codes appear in their respective fields.
7. Click **Send**.
 - A License Manager window opens telling you to register by email, click **Yes**.

8. At this point your email client may ask your permission to access an external email address, click the **Yes** button
 - An addressed email form opens containing the following:
 - the selected components details
 - setup code and both user codes.
9. Enter the contact information and the purchase order number into the email form.
10. Send the email.

NOTE If the computer does not have an email client configured, copy the text and send from another computer.

- The original Setup Codes and User Codes together with the new Registration Keys are returned to you in an email.
11. Check that the Setup Code and User Codes are the same as the original ones.
 12. Enter the Registration Keys into their respective fields, click **Proceed**.
 - The selected components appear greyed out in the Selected Components list.
 13. Restart AADvance.

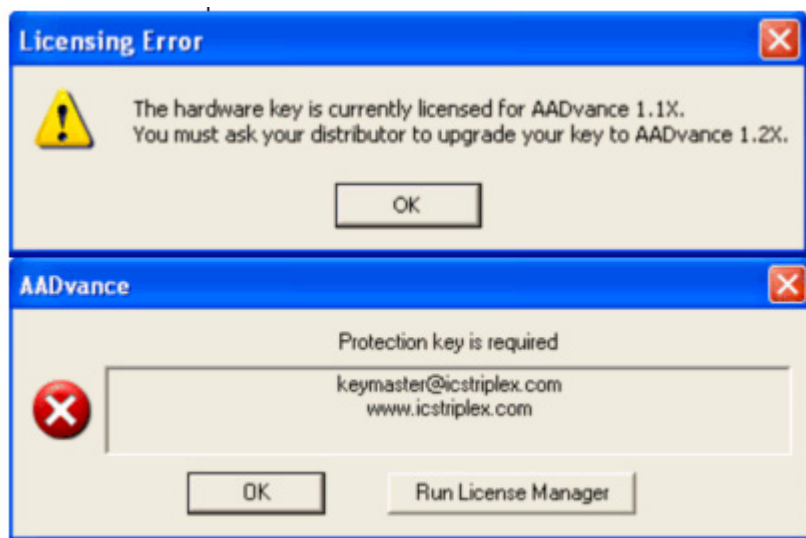
Updating or Upgrading an Existing License

You can update your current license by moving to a newer version or upgrading your license by changing your feature set.

- If you are using a hardware or software license you can update or upgrade it using the AADvance License Manager.

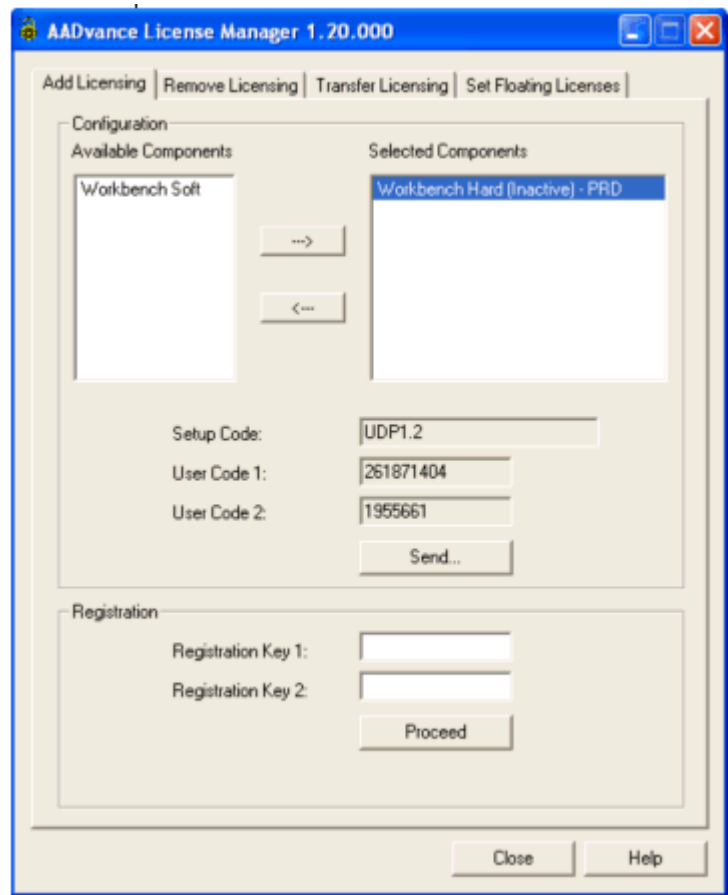
Update or Upgrade a Hardware/Software License Key

After upgrading the Workbench to Release 1.2 and opening it for the first time, a message box will appear showing that the license needs to be upgraded.



1. From the Start menu select **AADvance ➔ Licensing AADvance**.

- The AADvance License Manager dialog box opens with the UPP1.2 Setup Code for a software license and the UDP1.2 Setup Code for a Hardware license and the User Codes 1 and 2.



2. Send the User Codes by email to keymaster@ra.rockwell.com.
3. If you are upgrading a hardware license key, leave it fitted.
 - You will be sent the Registration Keys 1 and 2.
4. Enter these keys in the two boxes and click **Proceed**.
 - Your license will be upgraded.

Multi-User Floating Hardware License

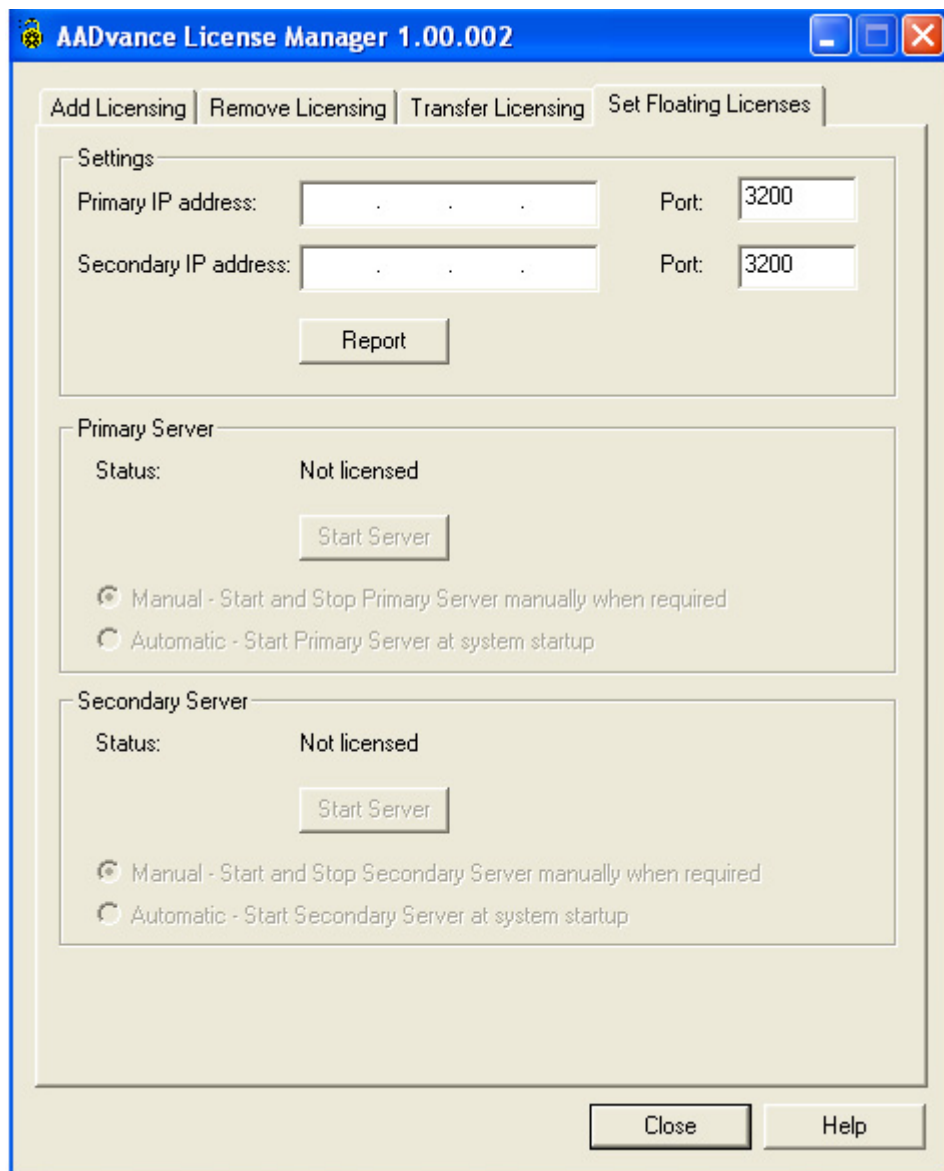
1. The Licensing Error message may not be automatically displayed, but you still need to upgrade your license.
2. A 2-stage procedure must be followed:
 - Follow the above procedure to upgrade a license for a single user.
 - Send a second email to keymaster@ra.rockwell.com with the user codes generated in the first step to create a multi-user license.

Using a Floating License Server

You can set up a networked PC as a server to provide floating AADvance licenses to workstations on the same network. You can also set up a secondary server to provide additional floating licenses or an alternative floating license source.

Set Up a Server for Hardware Floating Licenses

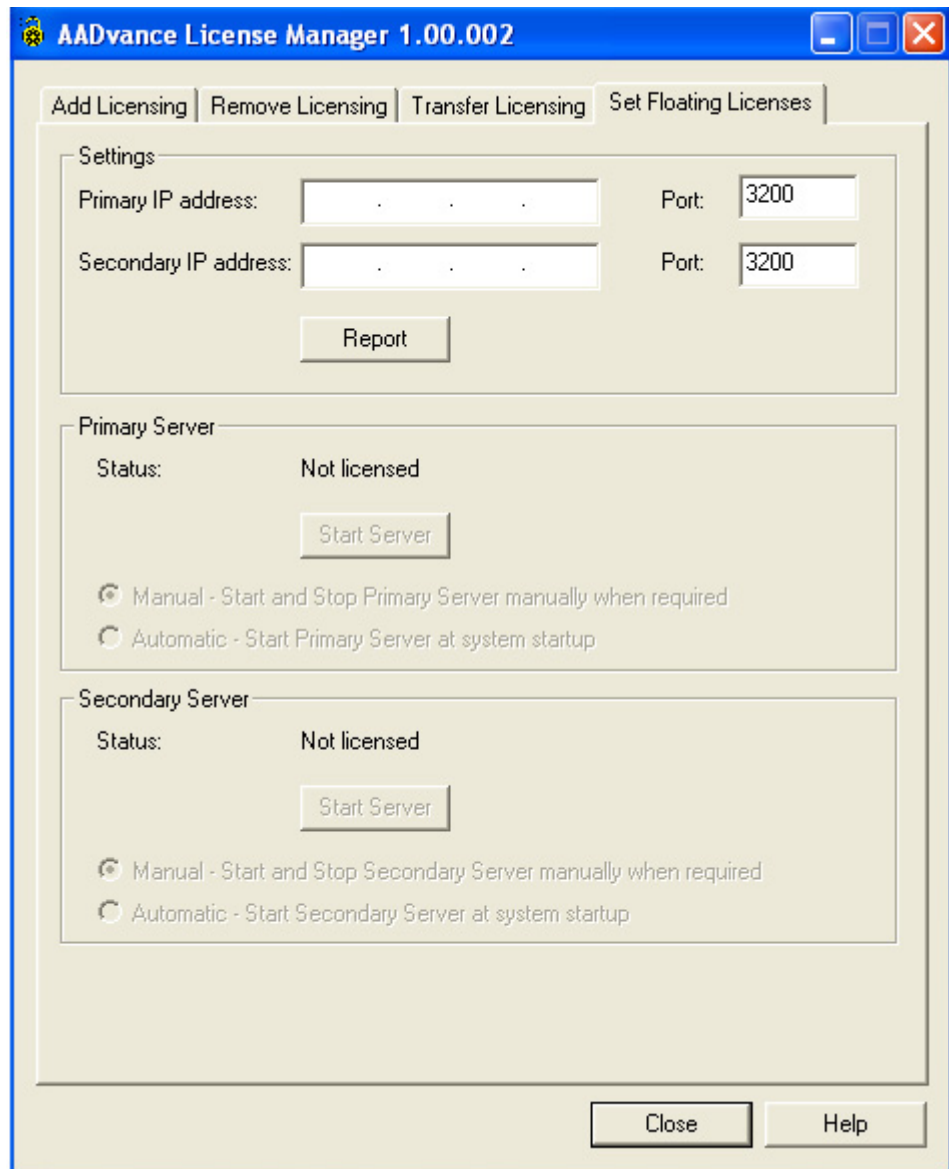
To set up a primary server for hardware floating licenses, do the following:



1. Insert the dongle supplied with the CD set into a USB or parallel port.
2. From the Start menu select **AADvance** ➔ **Licensing**.
 - The License Manager dialog box opens.
3. Select the **Set Floating Licenses** tab.
4. Set the IP Address of the primary server and a port number.
5. Select one of the two options to start the server Manual or Automatic (Automatic is recommended).
 - The Primary Server Status will show Stopped.
6. Click **Start Server** button.
 - The Server Status will show Licensed.
7. Repeat this procedure to set up a secondary server, if you have two floating license servers acting as a backup pair.

Set Access to Floating Licenses

To set access a floating license, do the following:



1. From the Start menu select **AADvance → Licensing**.
 - The AADvance License Manager dialog box opens.
2. Select the **Set Floating Licenses** tab.
 - The Primary Server Status will show Licensed.
3. Set the IP address of the primary server and the port number.
4. Click **Report** to claim a license.
 - The Primary Server Status will show Licensed.
5. Repeat this procedure to set up a secondary server if two license servers have been set up entering the Secondary IP Address and Port number.
6. Click **Report** to claim a license.
 - The Secondary Server will show Licensed.
7. Click **Close**.