

BrainVision Analyzer Installation Instructions

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1 Introduction

This is a short walk through of how to install BrainVision Analyzer2 and get it running on your computer.

2 Install Windows 7

BrainVision Analyzer2 only works on Windows Operating Systems. For specific version requirements and other required libraries, please refer to Brain Products documentation.

Briefly, most people in our labs will be running Analyzer2 on Windows 7 using the .NET4 Framework and have DirectX 9 installed. There are also necessary license dongle drivers to install.

3 Install BrainVision Analyzer2

We have locally available copies of the software to install on your system. As of 2013.11.01 we are on version 2.0.4.

4 Connect to License Server

Our labs have purchased a network license system with a limited number of seats. In order to run BrainVision Analyzer2, you will need to be able to connect to the server running this network license system and how to do so is the main topic covered in this guide.

Two important notes about connecting with this server:

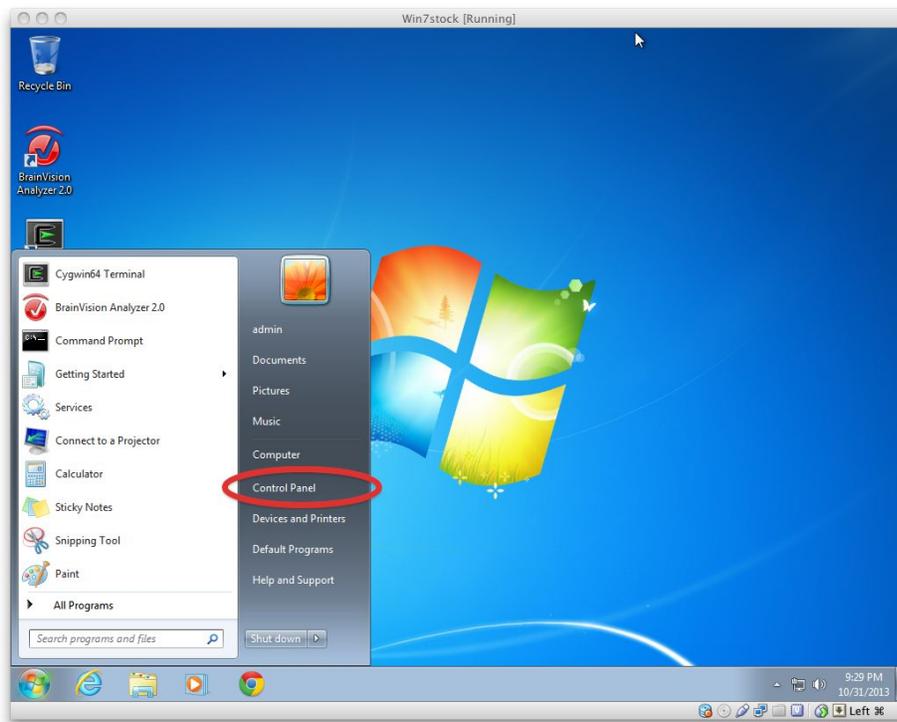
1. If you lose connection with the license server while working, Analyzer2 will complain and may stop working so it is important to maintain a steady connection with the server.
2. Connecting to this server also requires that various firewall ports be open in the Internet connection that you are using. What this means is that connecting to any old "free" wifi point may not work because many of these restrict your access to only a few standard ports.

Think of ports as special lanes of communication. In the far left lane on the freeway you often have an HOV carpool lane only for cars with 2+ occupants. Many free wifi points would block access to this type of special lane and only let you travel in the right lanes. The license server needs the special lanes to work.

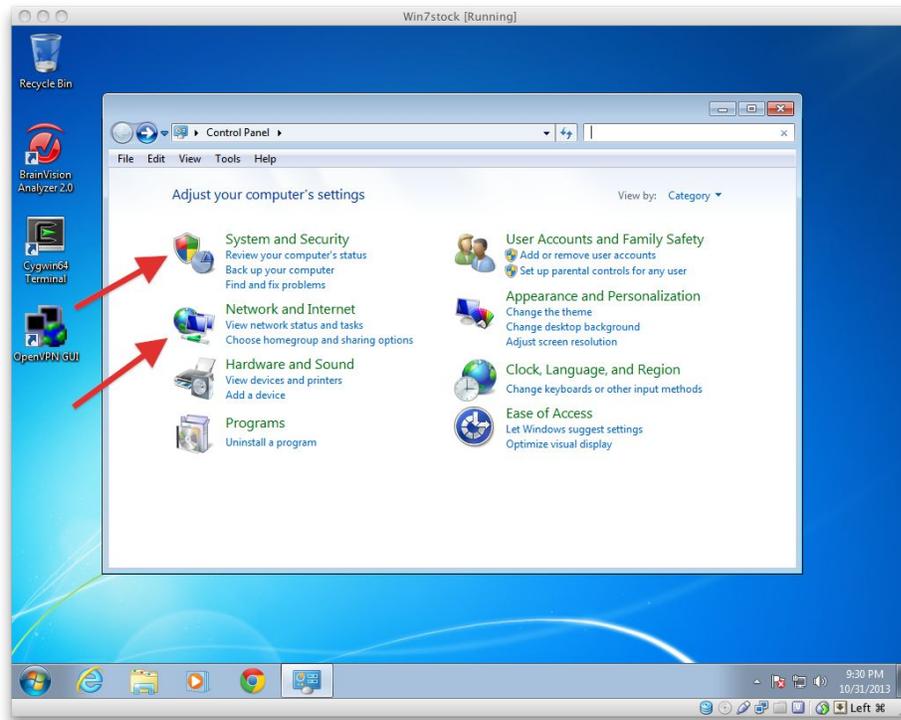
For example, at UCLA, you cannot use the **UCLA_WEB** network. You will need at least the **UCLA_WIFI**, but preferably the **eduroam**, network.

4.1 Setup VPN connection

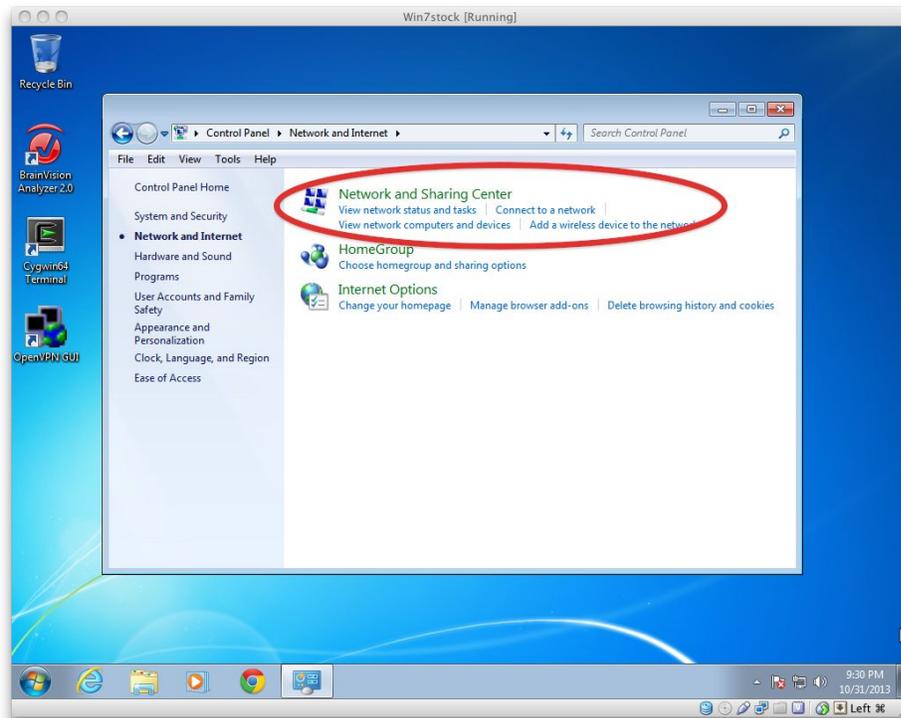
1. Go to the **Start Menu** and click on **Control Panel**.



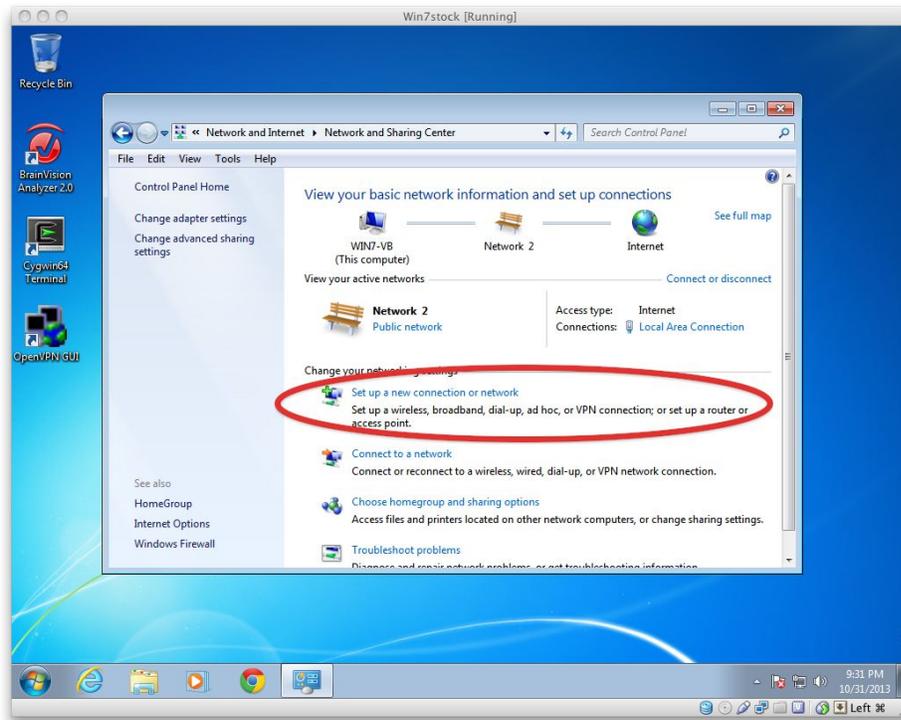
2. Click on **Network and Internet**.



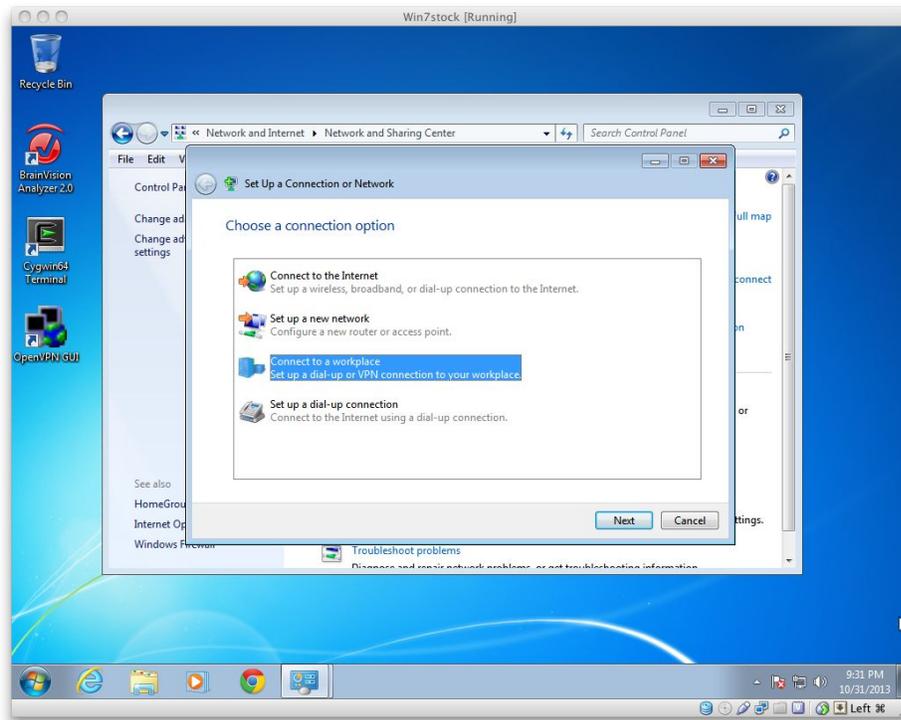
3. Click on **Network and Sharing Center**.



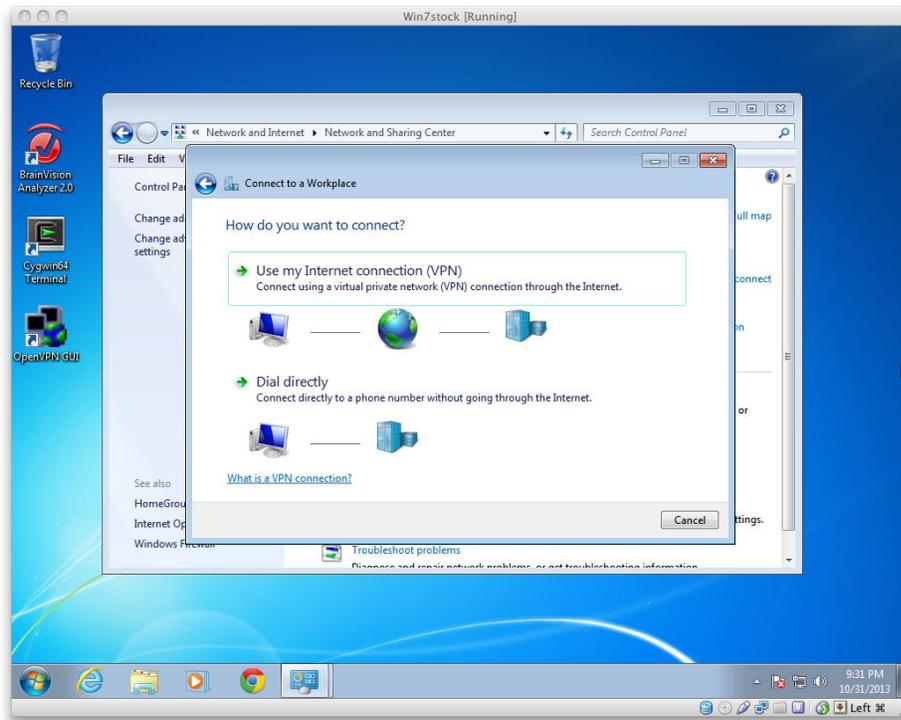
4. Click on **Set up a new connection or network**.



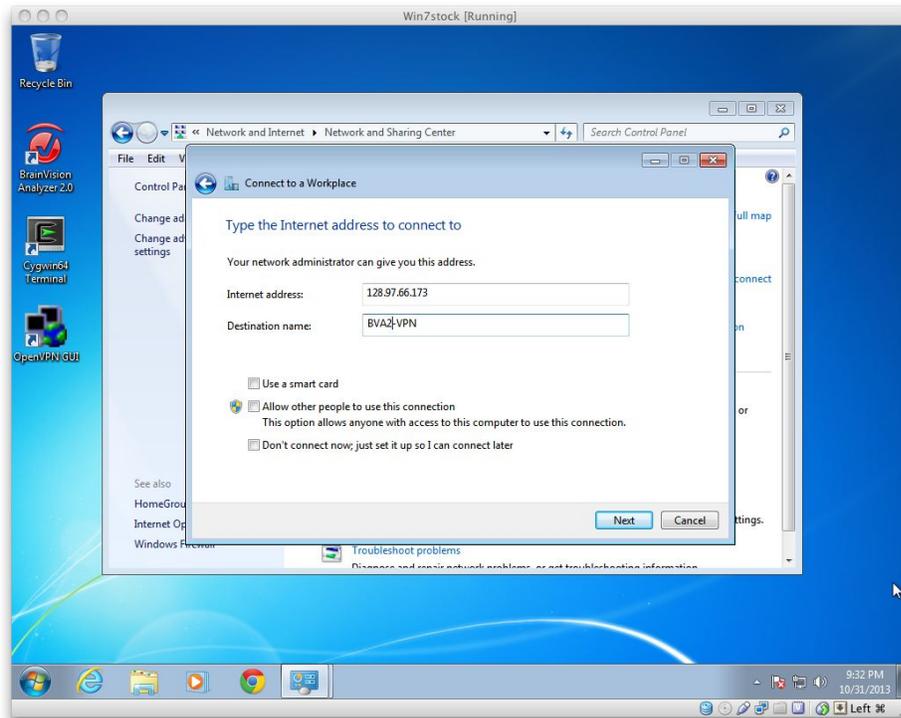
5. Click on **Connect to a workplace**.



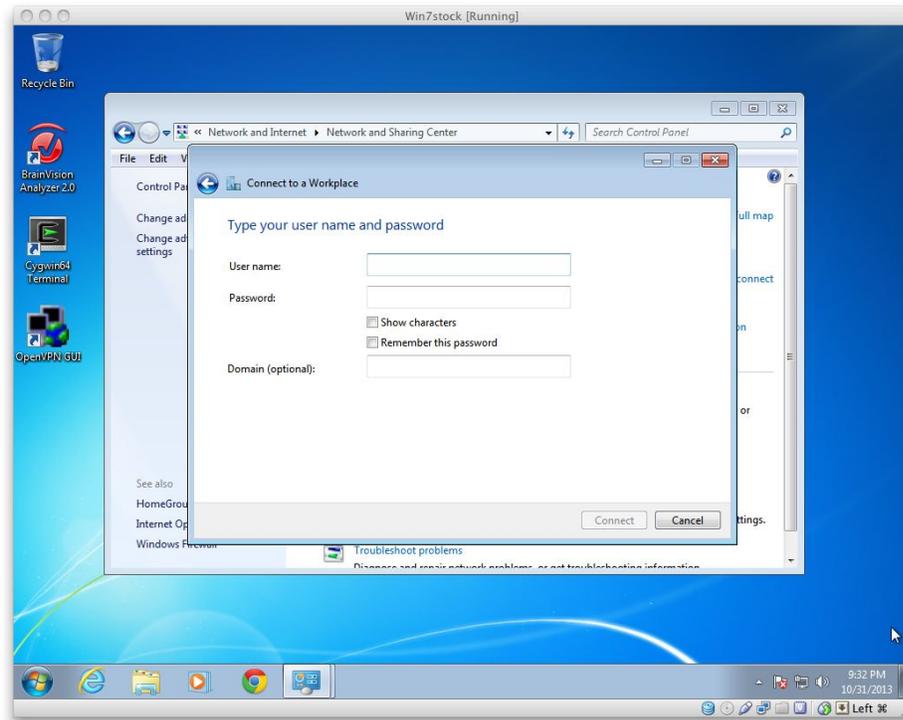
6. Click on **Use my Internet connection (VPN)**.



7. Fill in the two textboxes with the following information leaving the check boxes empty.
- Internet Address — 128.97.66.173
 - Destination Name — BVA2-VPN ***This could be something else, as long as it is descriptive enough for you to recognize what it does.***
- Then click next.



8. Fill in the username and password with the credentials that you have been given. Leave **Domain** blank, and click connect.

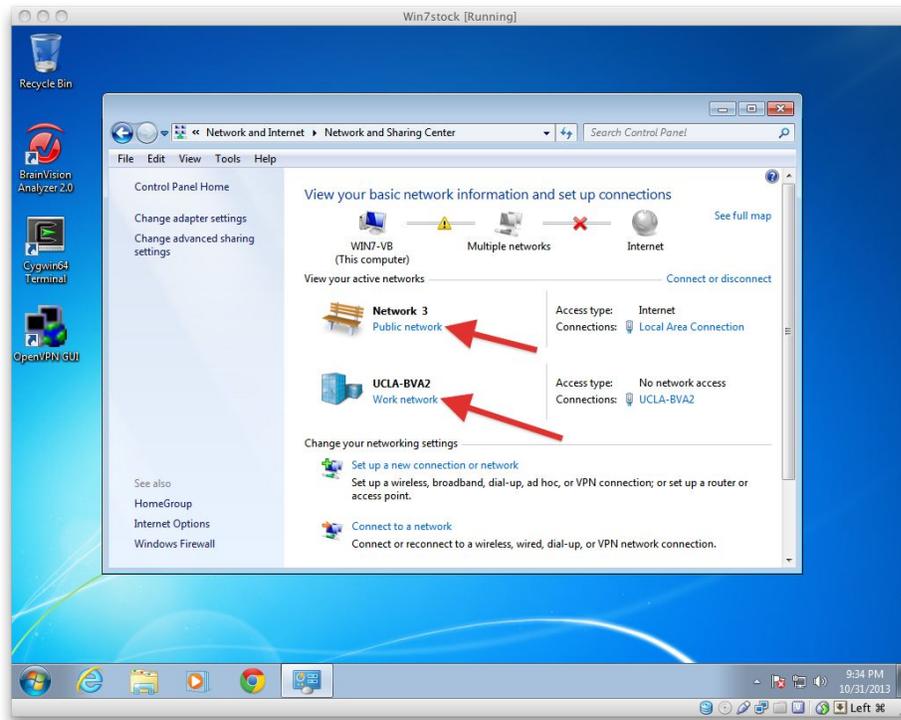


4.2 Modify connection

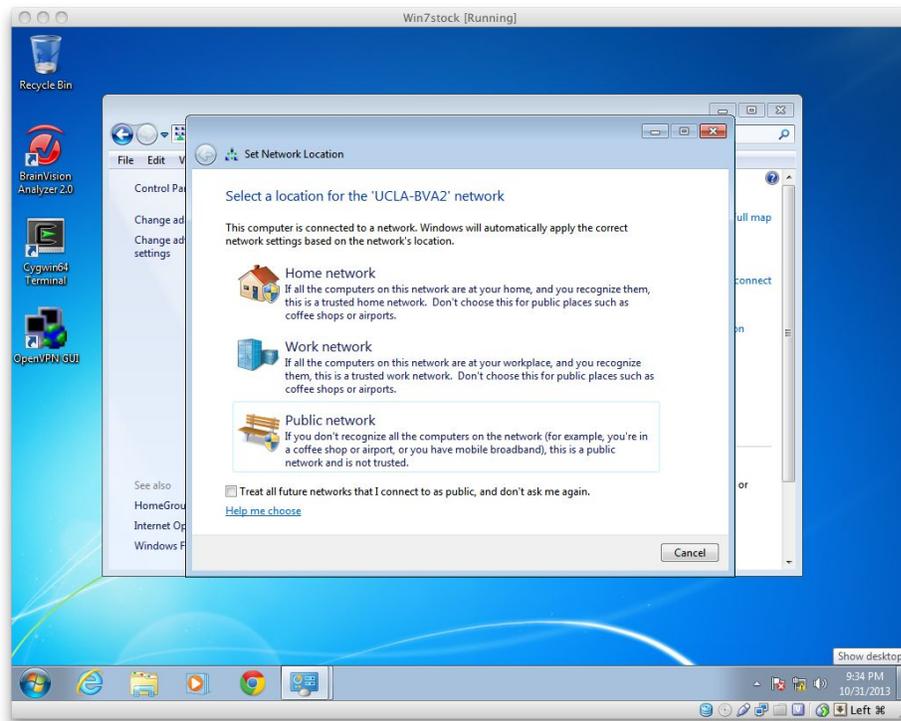
Provided you were connected to the Internet, you should now see some dialog boxes popping up about the VPN beginning and they should go away.

We now need to modify the connection to work properly.

1. Still in the **Network and Sharing Center**, you should now see your VPN connection as an active network. In our example the VPN connection is **UCLA-BVA2**. Click on the blue label below the title which may read “Public network,” “Work network” or “Home network.”



2. In the window that appears, please click “Work network” to designate the VPN as a more trusted connection.

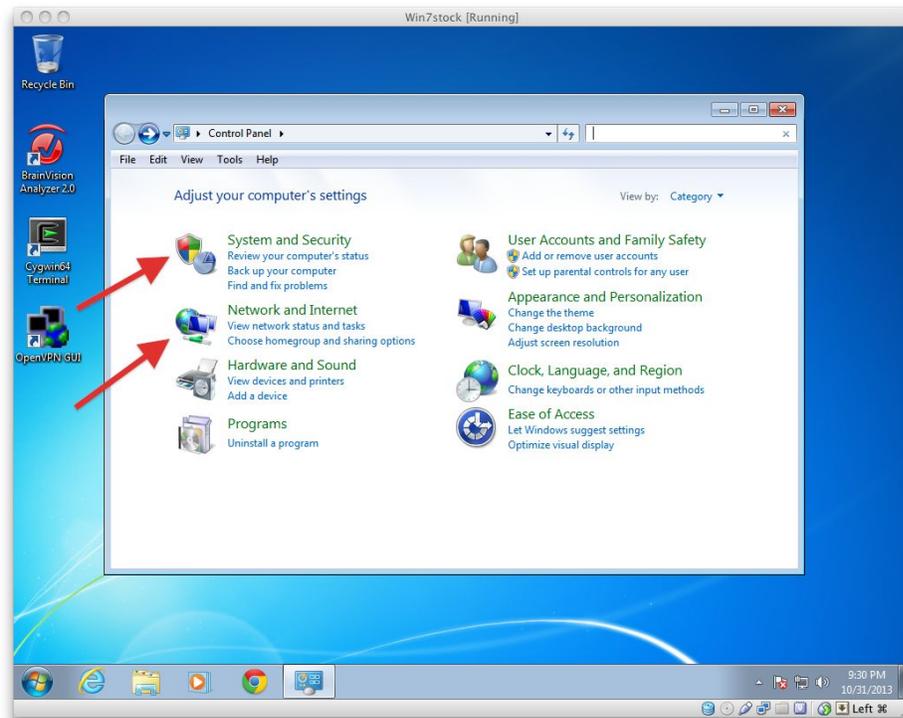


3. Under your main Internet connection, please make sure it says “Public network” in blue. If it does not, click on the label it does have to access the same menu we just used and designate it “Public.”

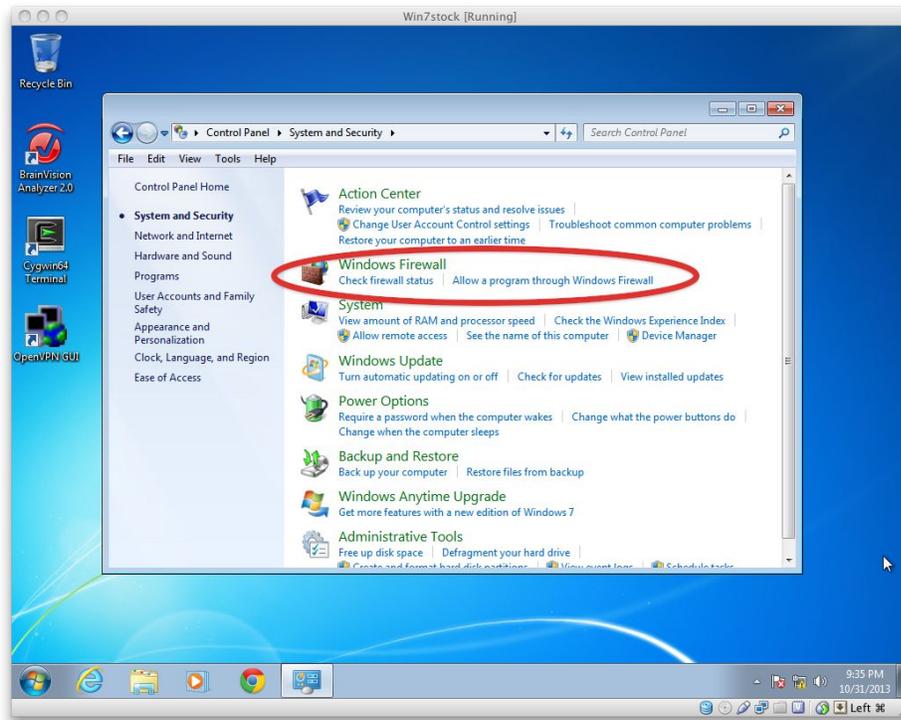
4. You should now have your main Internet connection labeled “Public” and the VPN connection labeled “Work.” This is important for your own security and for the VPN to work properly.

4.3 Modify firewall

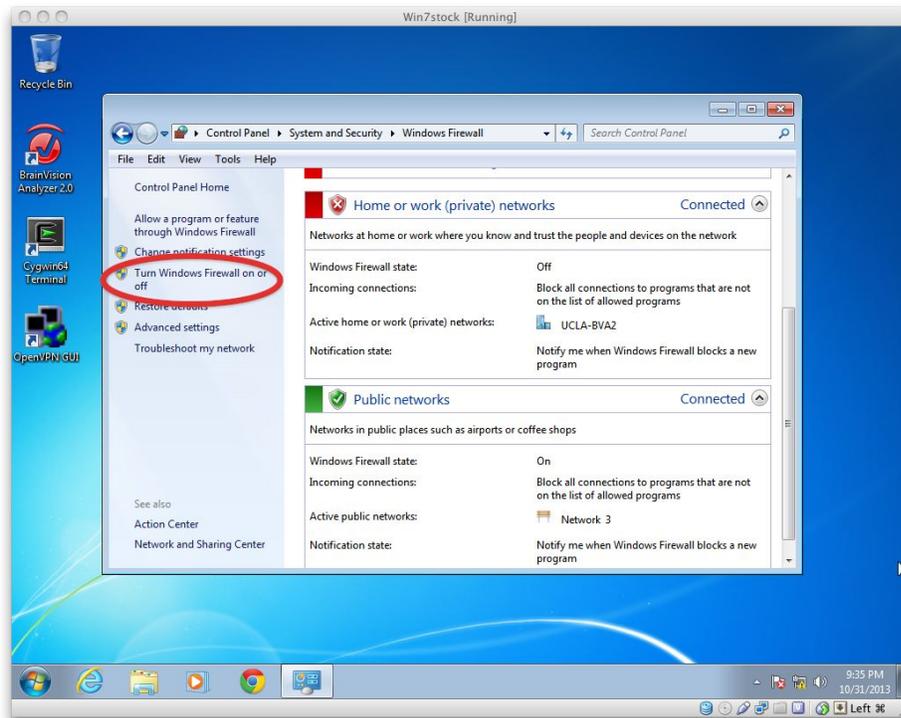
1. Go back to the main Control Panel window and click on **System and Security**.



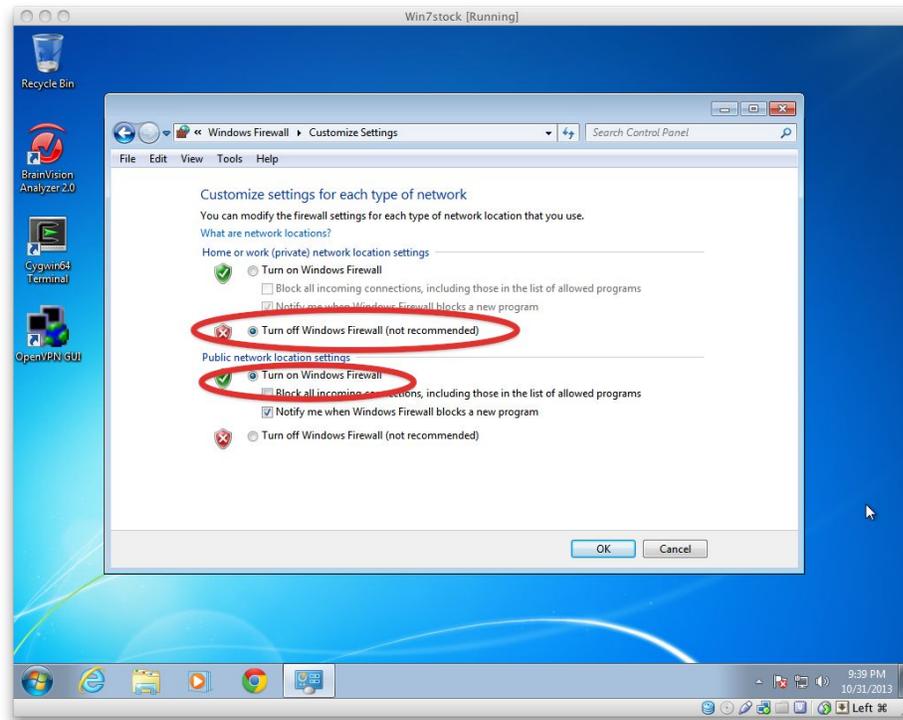
2. Click on **Windows Firewall**.



3. In the left panel, click **Turn Windows Firewall on or off**.



4. In the **Home or work (private) network location settings** area, turn the Firewall off. In the **Public network location settings** area, make sure the Firewall is turned on. Click OK when this is set.



4.4 Wait

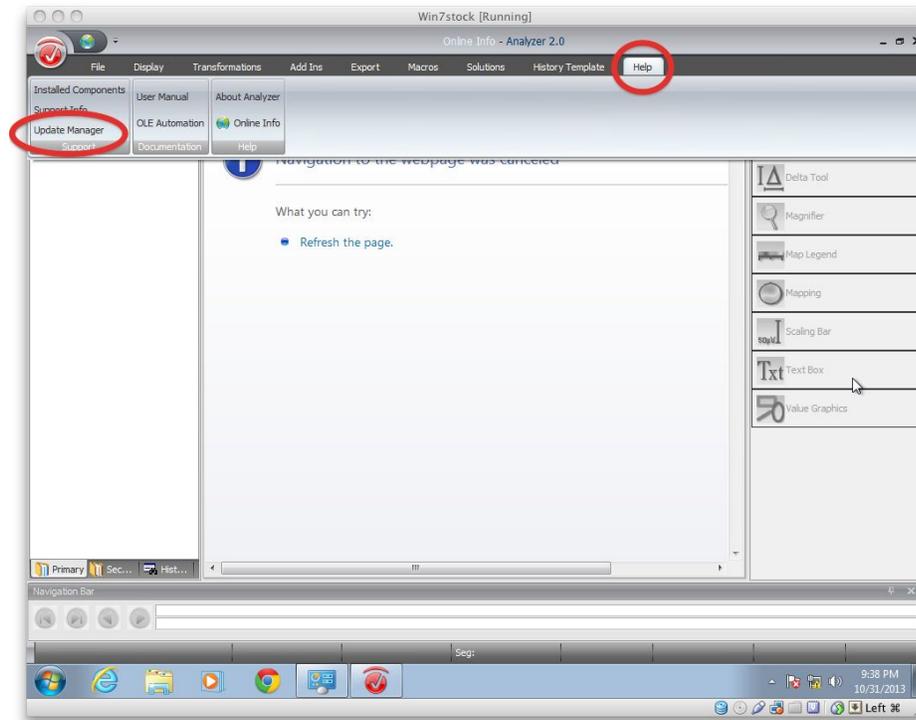
Please wait patiently for a minute while these settings take effect. You will NOT have to do this every time you want to use the program. This is just the initial setup.

4.5 Start up BrainVision Analyzer2

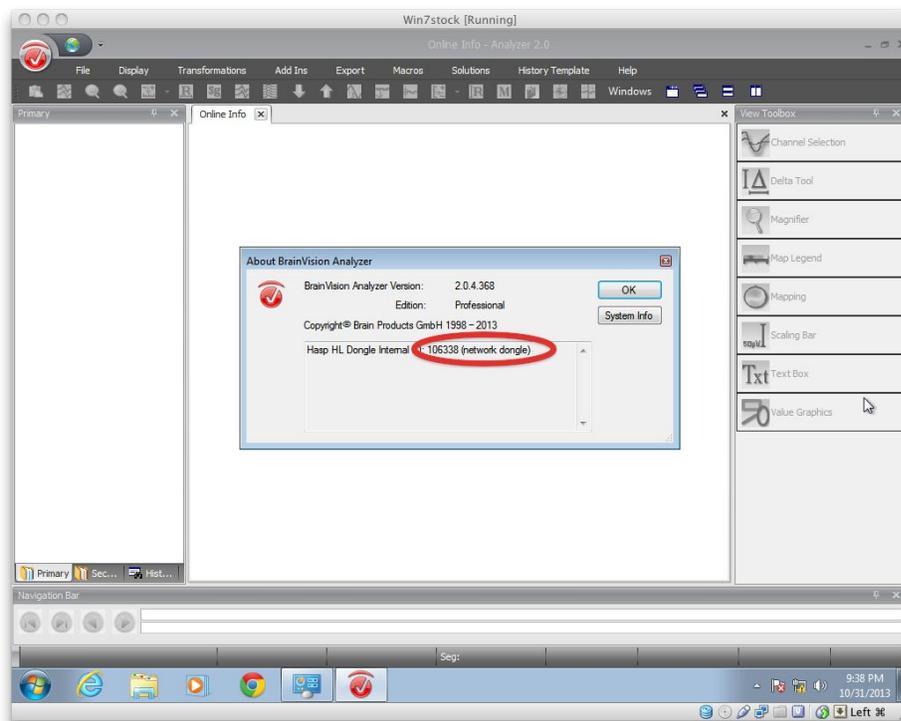
Start up BrainVision Analyzer2 and wait for it to check out a license and start running.

To make sure you are using our license, please do the following.

1. Click on the **Help** tab of the main ribbon.



2. Click on **About Analyzer** in the help area that appears. You should have a dialog box pop up with the information below. The license number should be 106338.



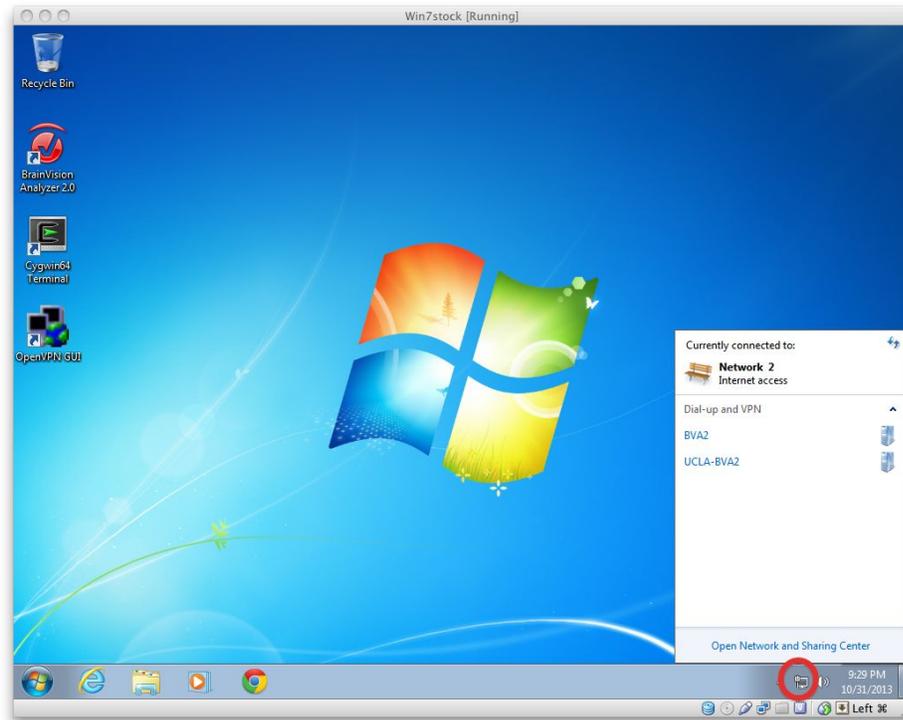
4.6 Run updates

If this is your first time running Analyzer2 in a while, it is recommended that you run **Update Manager** in the **Help** panel until no more updates are available.

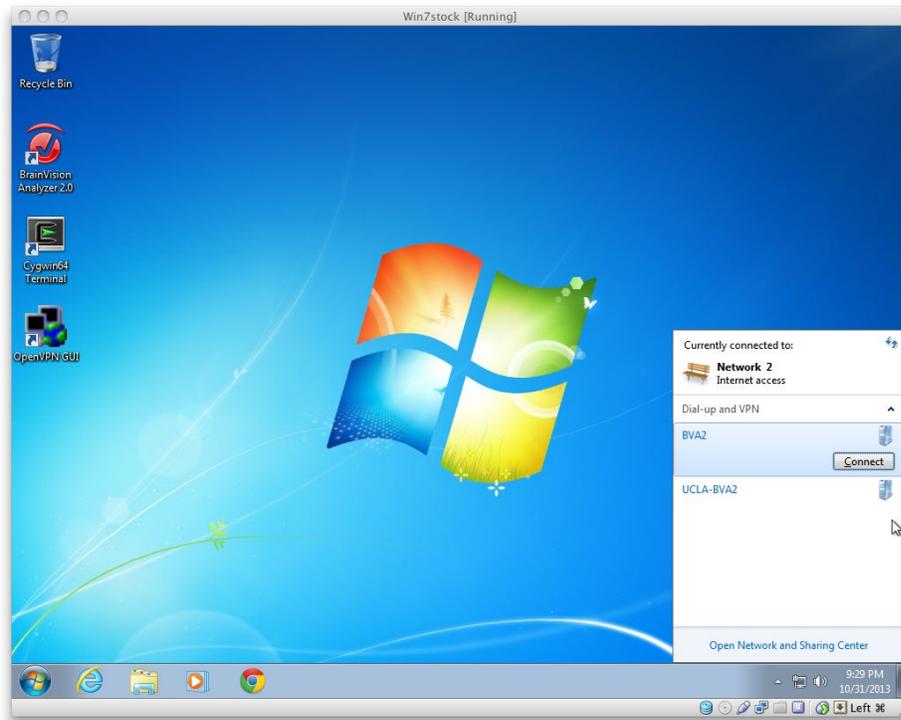
5 How to normally run Analyzer2

How to normally run Analyzer2:

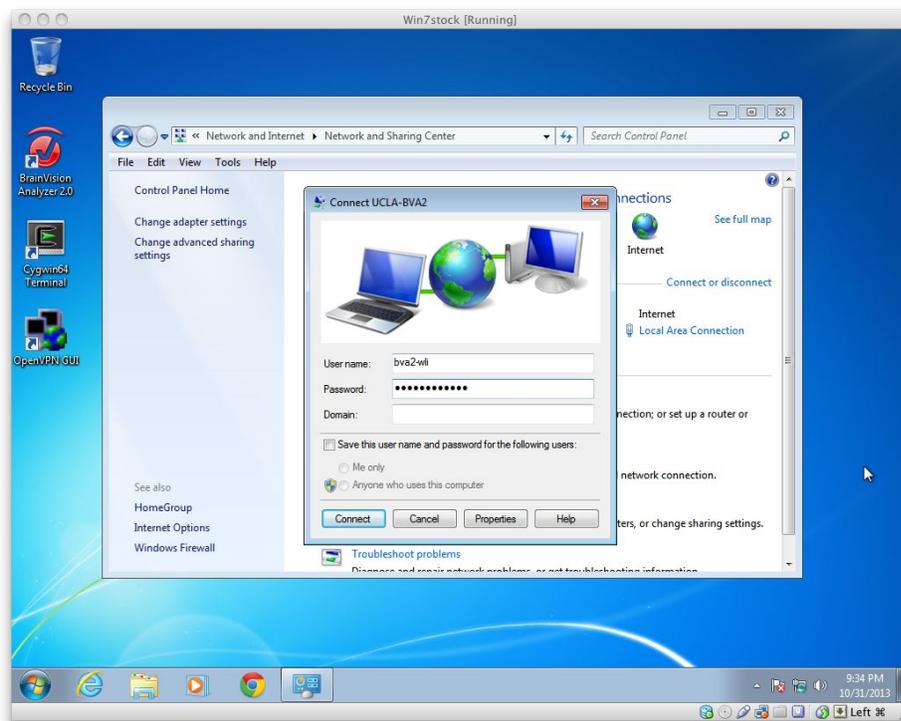
1. Start Windows
2. In the bottom right corner of the screen, click on the **Network Connections** shortcut and you should see the VPN connection (named however you named it).



3. If you click on the VPN connection, it will give you the option to connect. Click on the **Connect** button.



4. A new dialog box will appear asking for your credentials. You can select to save these so you do not have to keep typing the password out.

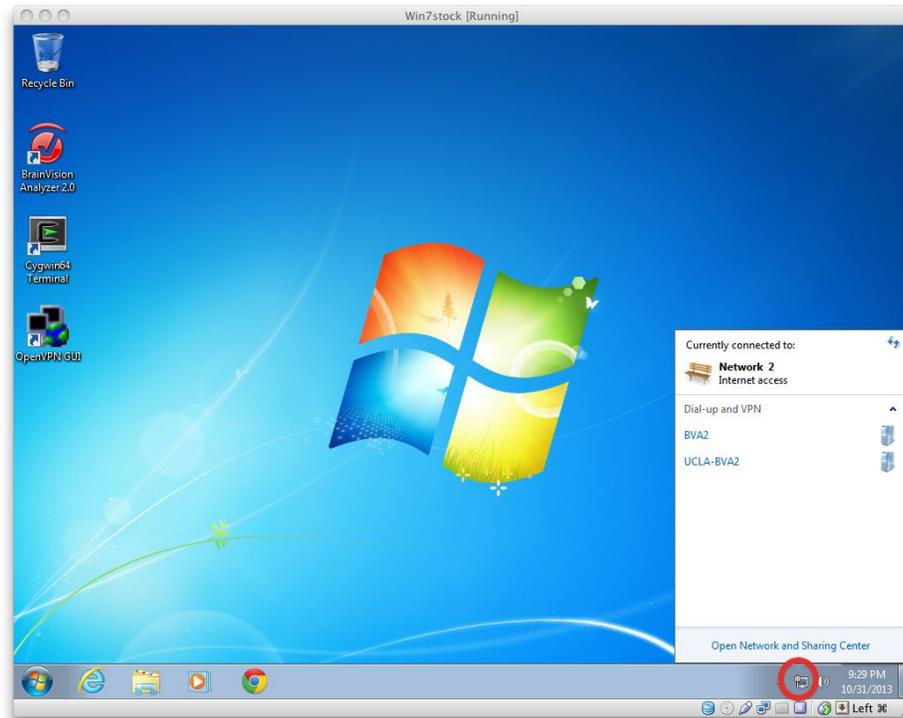


5. Wait a few seconds before starting up Analyzer2 and things should work ok.

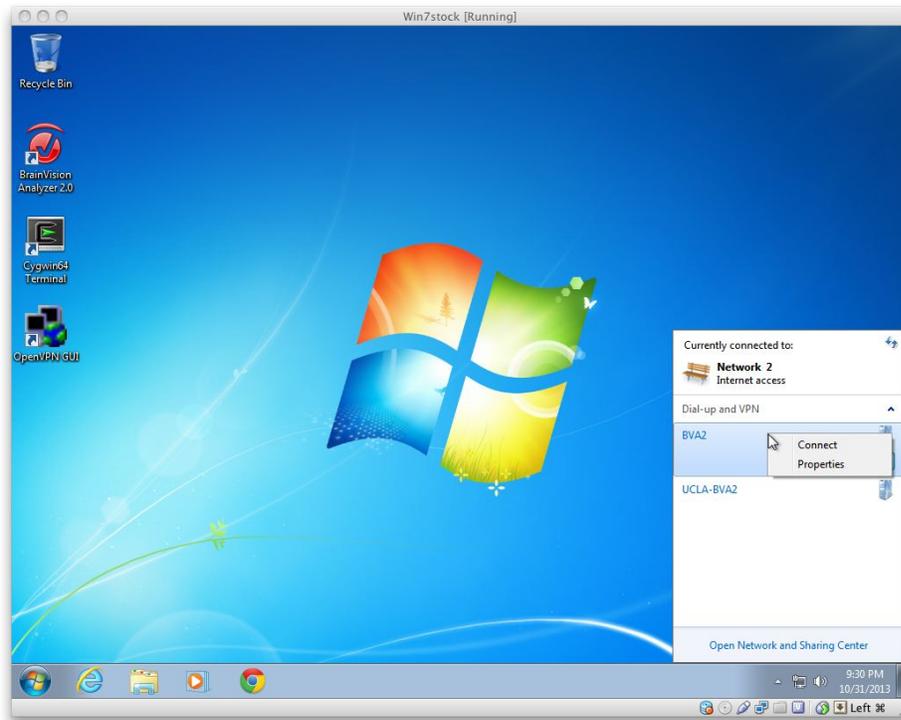
6 Possible changes

In the future, the IP address of the license server may change due to unforeseen circumstances. If that is the case we will email all users about this update and you should follow the steps below to update your VPN connection settings.

1. In the bottom right corner of the screen, click on the **Network Connections** shortcut and you should see the VPN connection (named however you named it).



2. If you right click on the VPN connection, it will give you the option to modify it. Click on **Properties**.



3. In the window that pops up, the first textbox of the **General** tab will have the IP address of the license server. Update this value to whatever it should be and click OK. You should now be able to connect normally.

