

Instructions for accessing the new TU wireless Network

These instructions are meant for University owned systems directly supported by ENS Computer Services. Users of other systems may find this document helpful, but any requests for help with personal systems should be addressed to the Helpdesk (x3500).

Please note that the VPN client is no longer required to connect to the TU wireless network. As of August 16th, TU has activated two new wireless networks, TUSecure and TUWebOnly. TUSecure has full functionality, just like the old "utulsa" + VPN network did; TUWebOnly only allows access to view web pages via Internet Explorer, Firefox, or other web browsers.

The VPN client is still required when off campus if access to Shared Space or Filer is required.

There are five steps to set up wireless connectivity. One or more of these steps may **not** be required depending on how or when the system was set up.

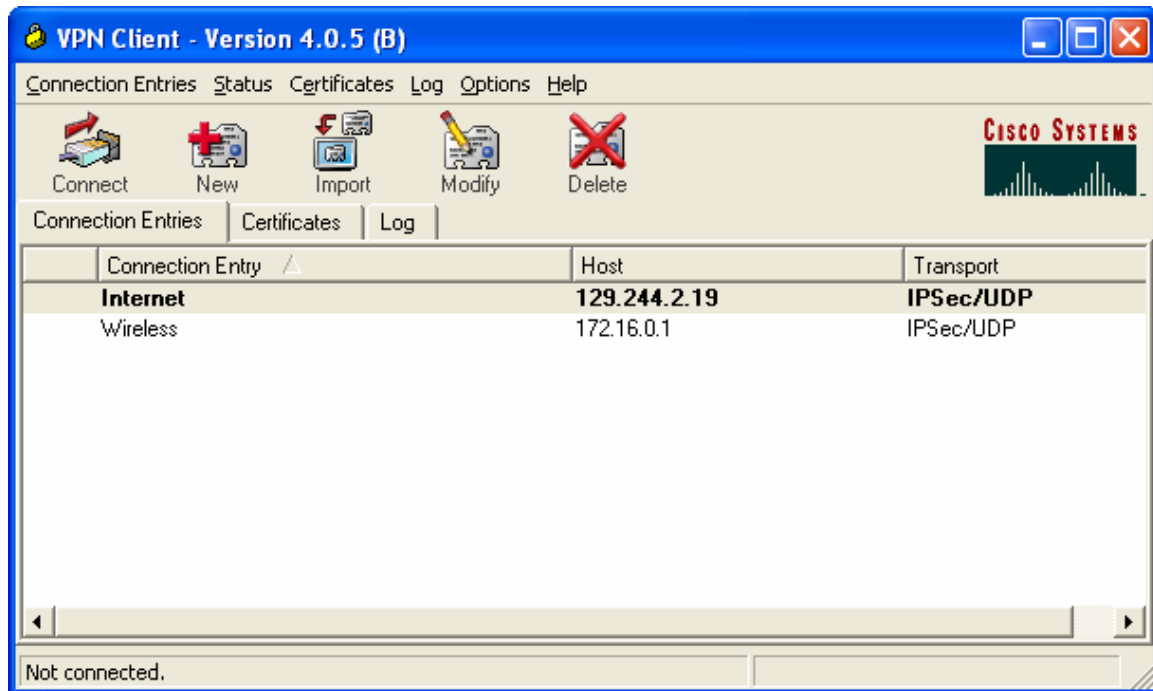
- 1) Remove Old VPN Client
- 2) Remove utulsa SSID
- 3) Configure the correct settings for TUSecure (Using Information Services – TUSecure Wireless Setup Guide – For Windows XP)
- 4) Modify new VPN client (if it exists)
- 5) Install new VPN client if not already installed (Using Information Services – VPN Setup Guide)

Remove Old VPN Client (if necessary)

Start up your current VPN client by going to:

Start – All Programs – Cisco Systems VPN Client – VPN Client

The old VPN Client was version 4.0.5 and looks like the picture below:



The version number is clearly displayed in the top left part of the box. A further clue that an older version is installed is the Connection Entry field which shows “Internet” and “Wireless” as the options.

If you do not have this version of the VPN client installed, skip the following instructions and go to Step 4 “Modify New VPN Client (if exists)”.

If you have this version of the client installed then you need to remove it by going to:

Start – Cisco Systems VPN Client – Uninstall VPN Client

Answer “**Yes**” to the question asking (in short) if you are sure about the removal of the VPN Client

Answer “**Yes**” to the question “Do you wish to delete your existing connection profiles?”

Answer “**Yes**” to the question “Do you wish to delete your existing Cisco certificates?”

Press “**Finish**” button with “Yes, I want to restart my computer now.” checked.

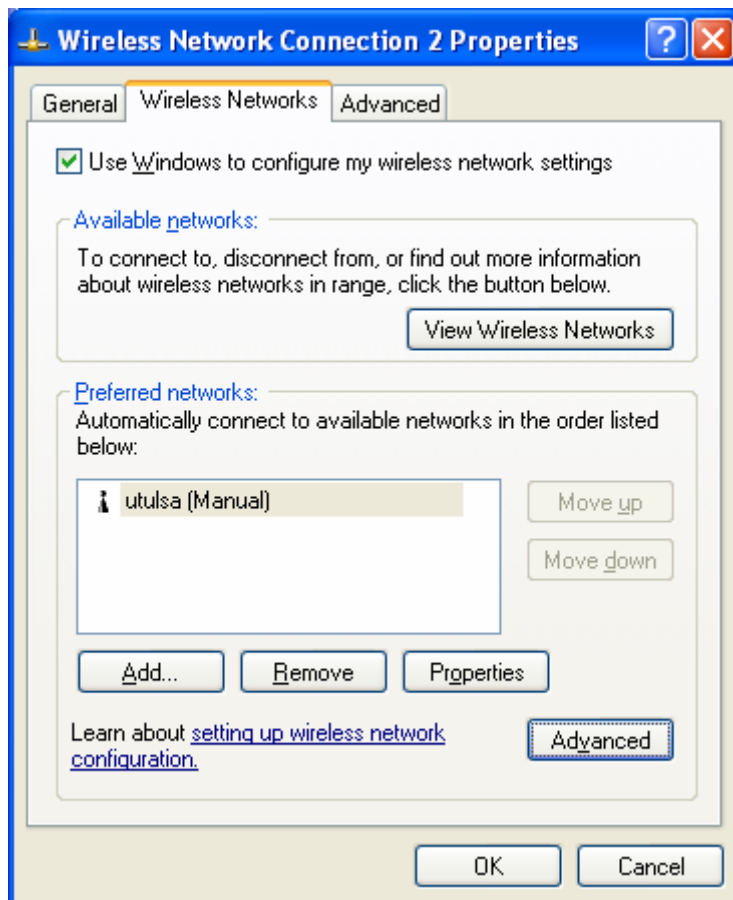
Remove utulsa SSID

In the past computers had to be “told” how to connect to the “utulsa” wireless system. There were two possible methods to manage how it was “told”. To discern which method was used go to:

Start – Control Panel – Network and Internet Connections – Network Connections
Right click on the Wireless Connection icon and select Properties and click on the “Wireless Networks tab”, you will get the picture shown below.

If the “Wireless Networks” tab is missing or if the “Use Windows to configure my wireless network settings” checkbox is not selected, stop and enter a work request. ECS will configure the new wireless and VPN settings for you.

If the box labeled “Use Windows to configure my wireless network settings” is checked then highlight the “utulsa (Manual)” entry in the “Preferred networks” box and click “Remove”. Click “Ok” to close the wireless settings window.

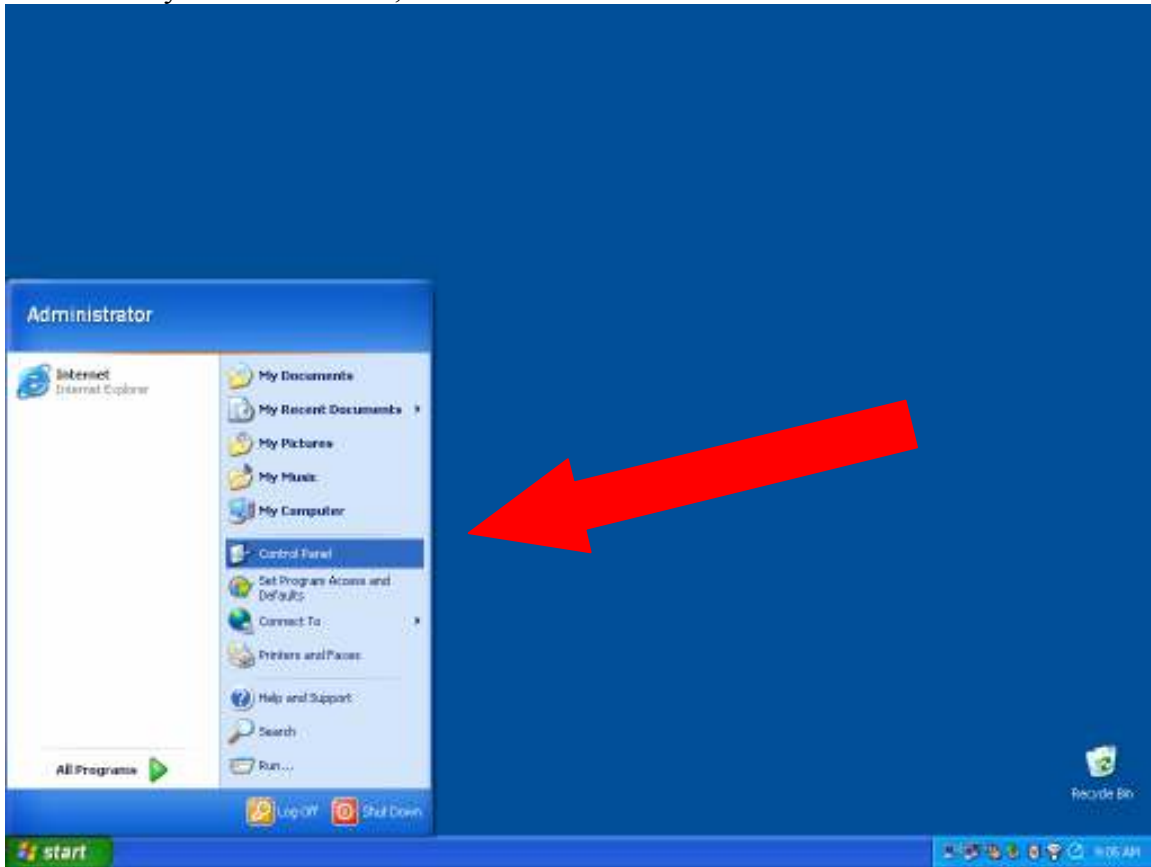


Information Services

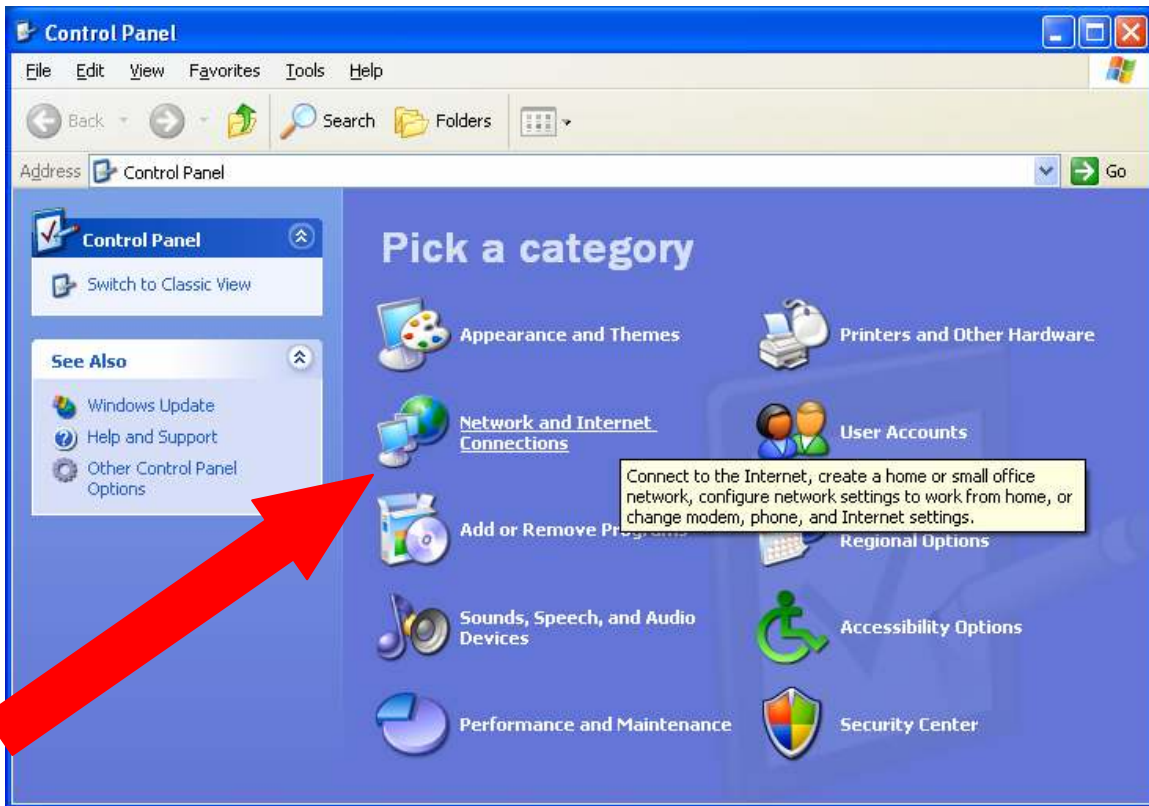
TUSecure
Wireless Setup Guide

For Windows XP

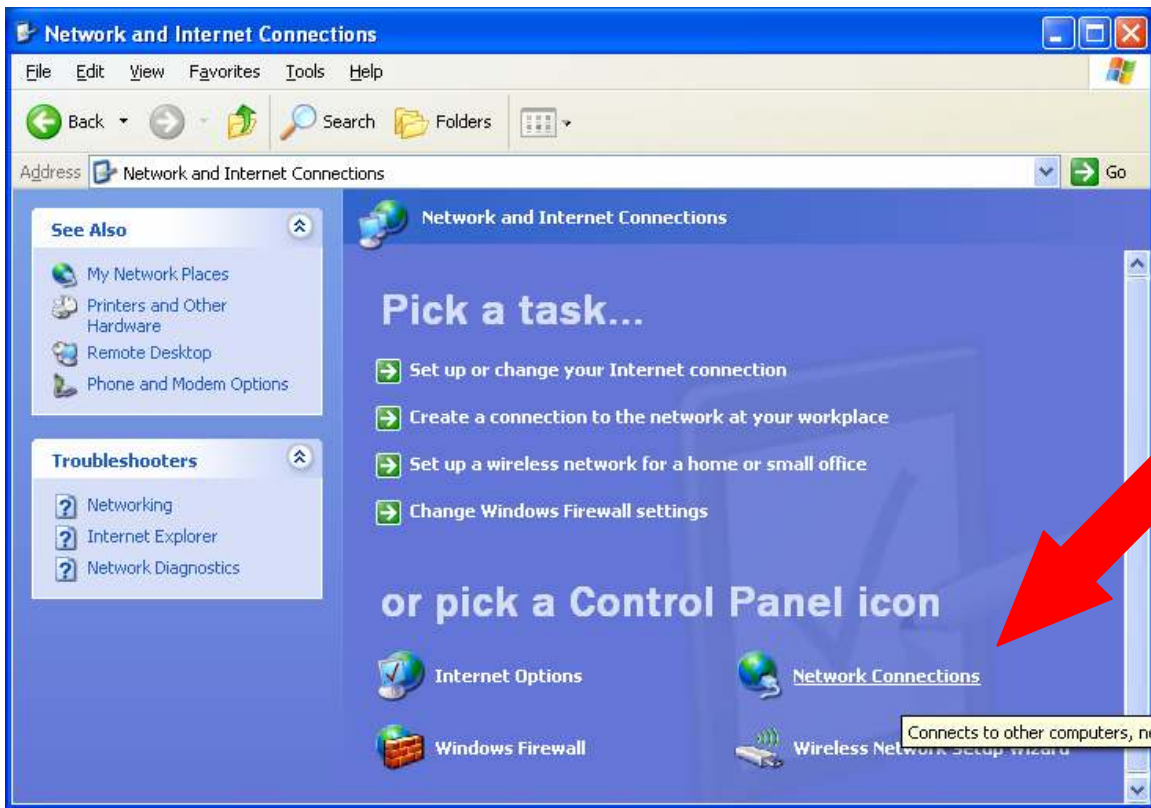
1. Click on your 'Start' Menu, and select 'Control Panel'



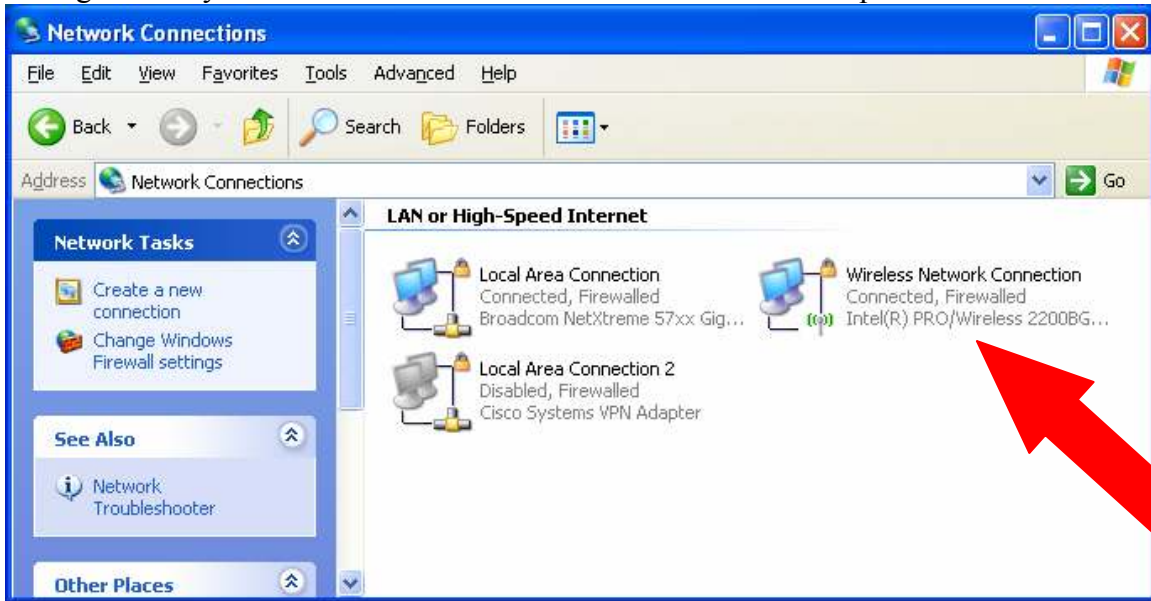
2. Select 'Network and Internet Connections'



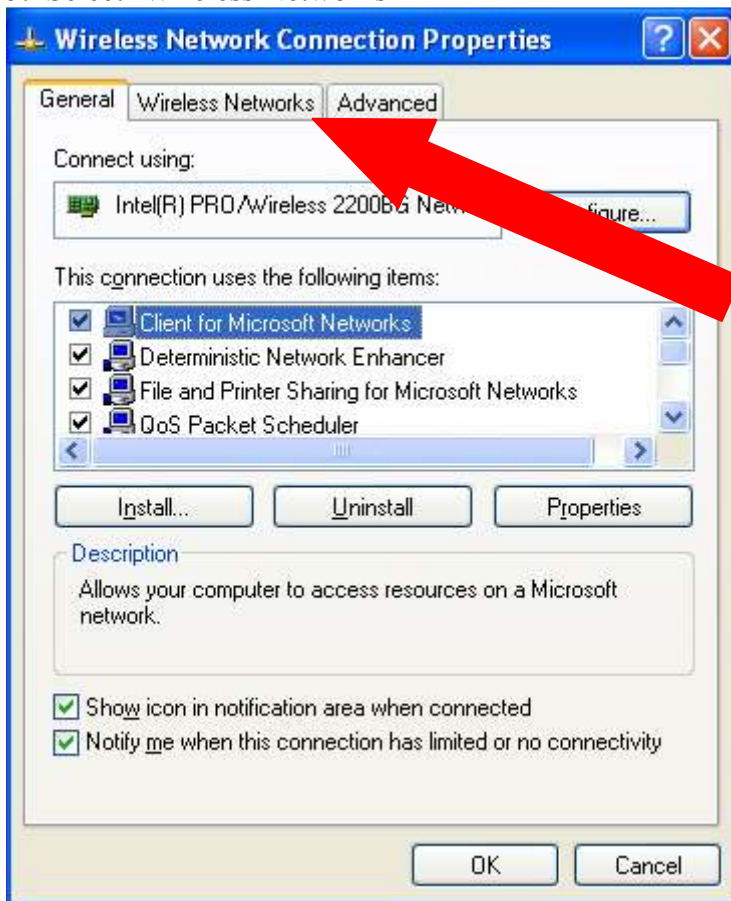
3. Select 'Network Connections'



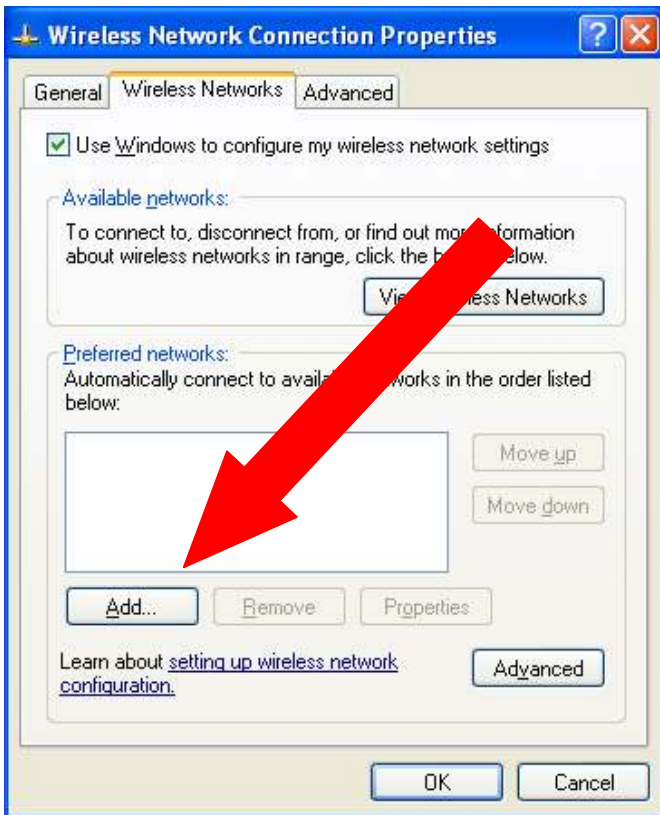
4. Right Click your 'Wireless Network Connection' & Select 'Properties'



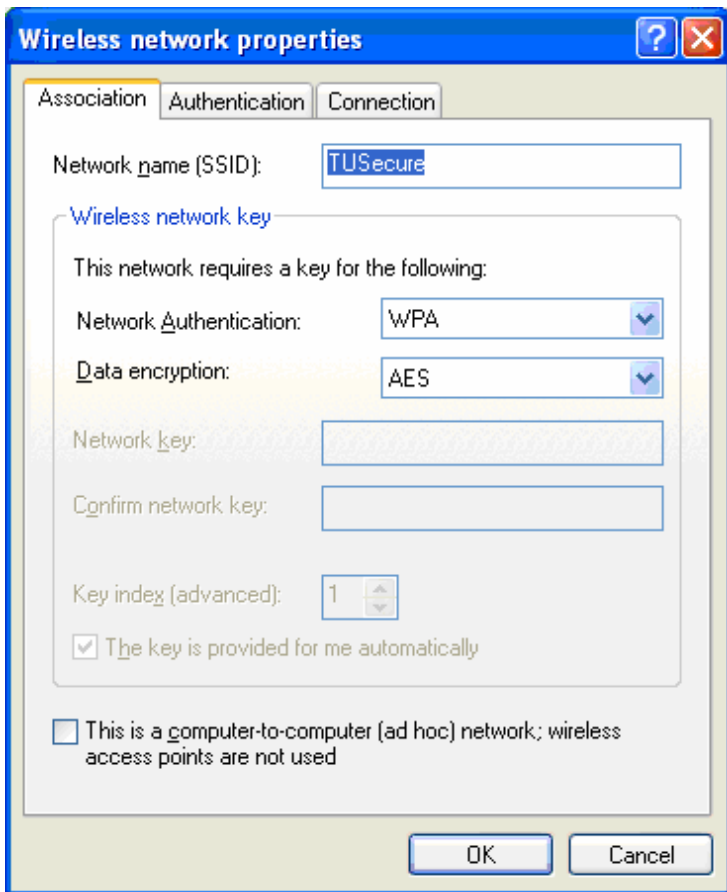
5. Select 'Wireless Networks'



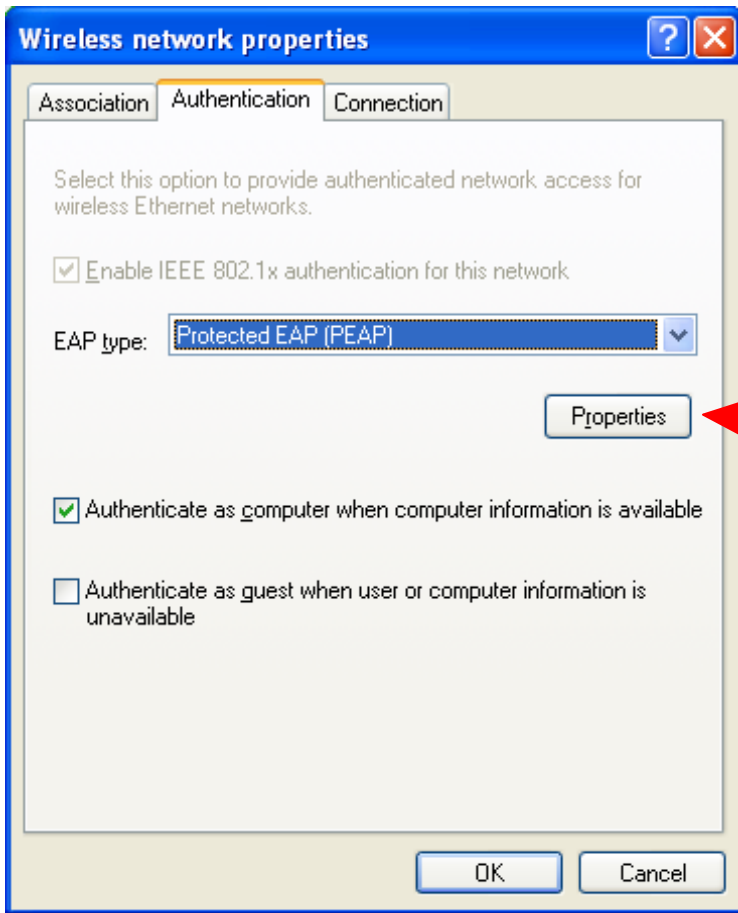
6. Select 'Add'



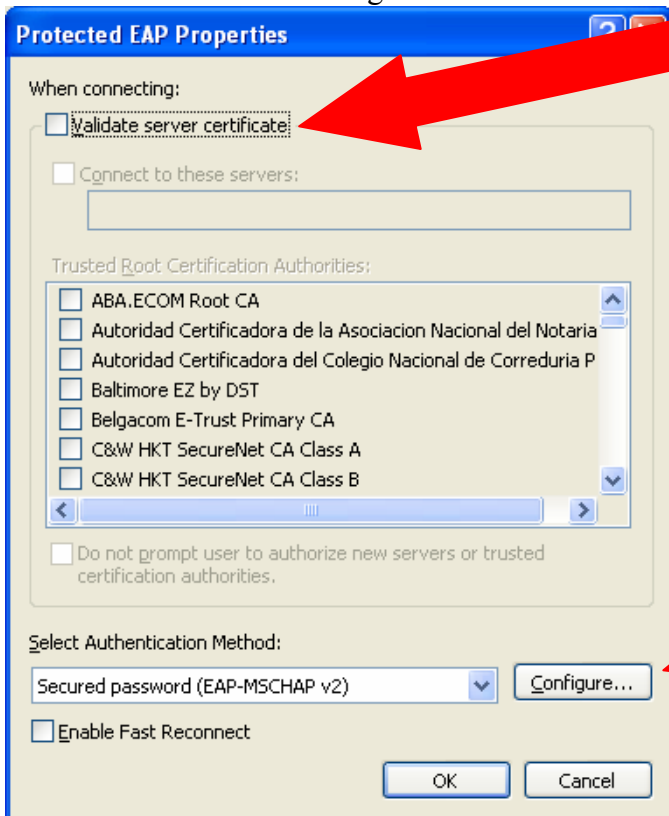
7. Input the following Information:
- a. Network Name (SSID): TUSecure
 - b. Network Authentication: WPA
 - c. Data Encryption: AES



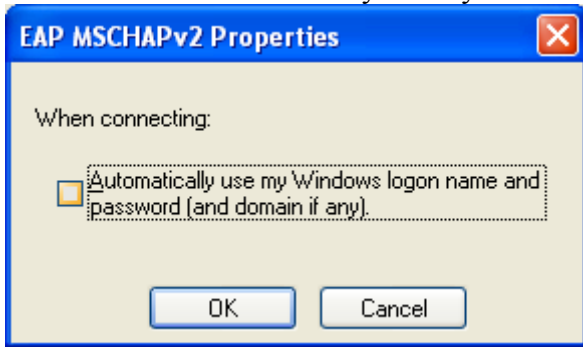
8. Select the 'Authentication' tab at the top:
 - a. EAP type: Protected EAP (PEAP)
 - b. Select 'Properties'



9. Uncheck 'Validate Server Certificate'
 - a. Authentication Method: Secure password (EAP-MSCHAP v2)
 - b. Select 'Configure'

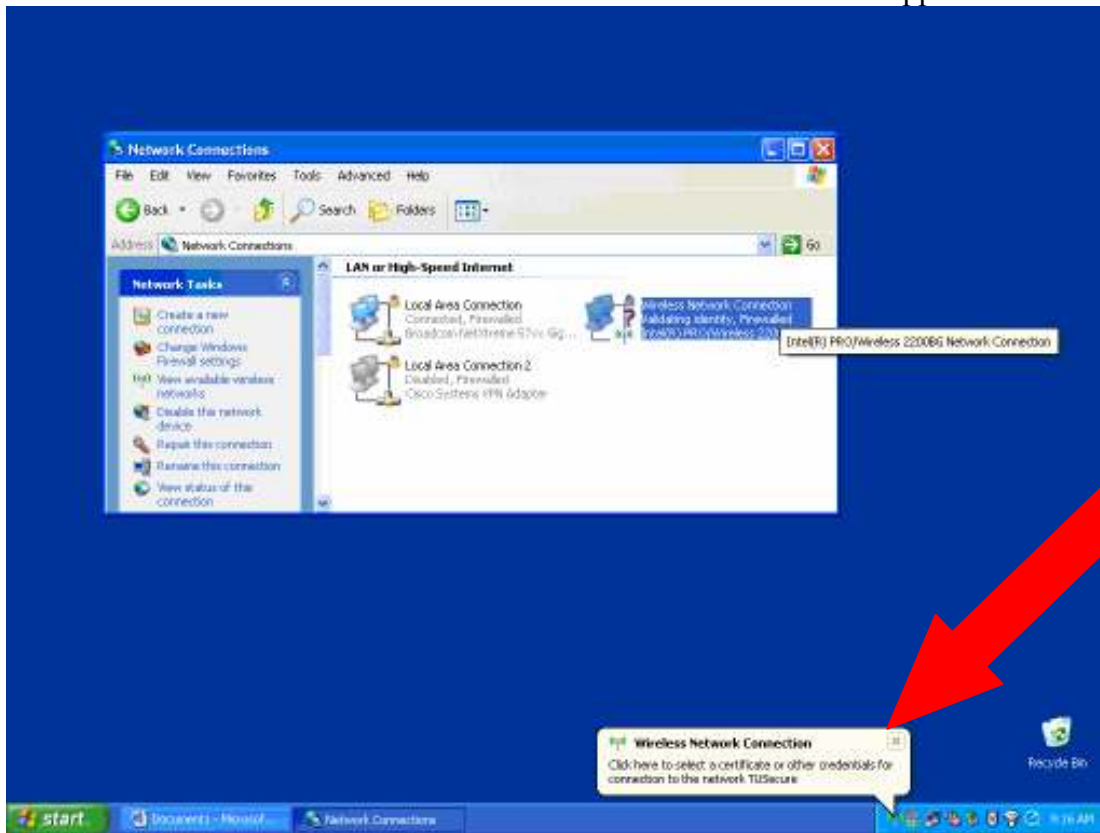


10. Uncheck 'Automatically use my Windows Logon name and password.'



11. Click 'OK' on all windows to get back down to desktop

12. Click on the 'Wireless Network Connection' bubble that should appear.

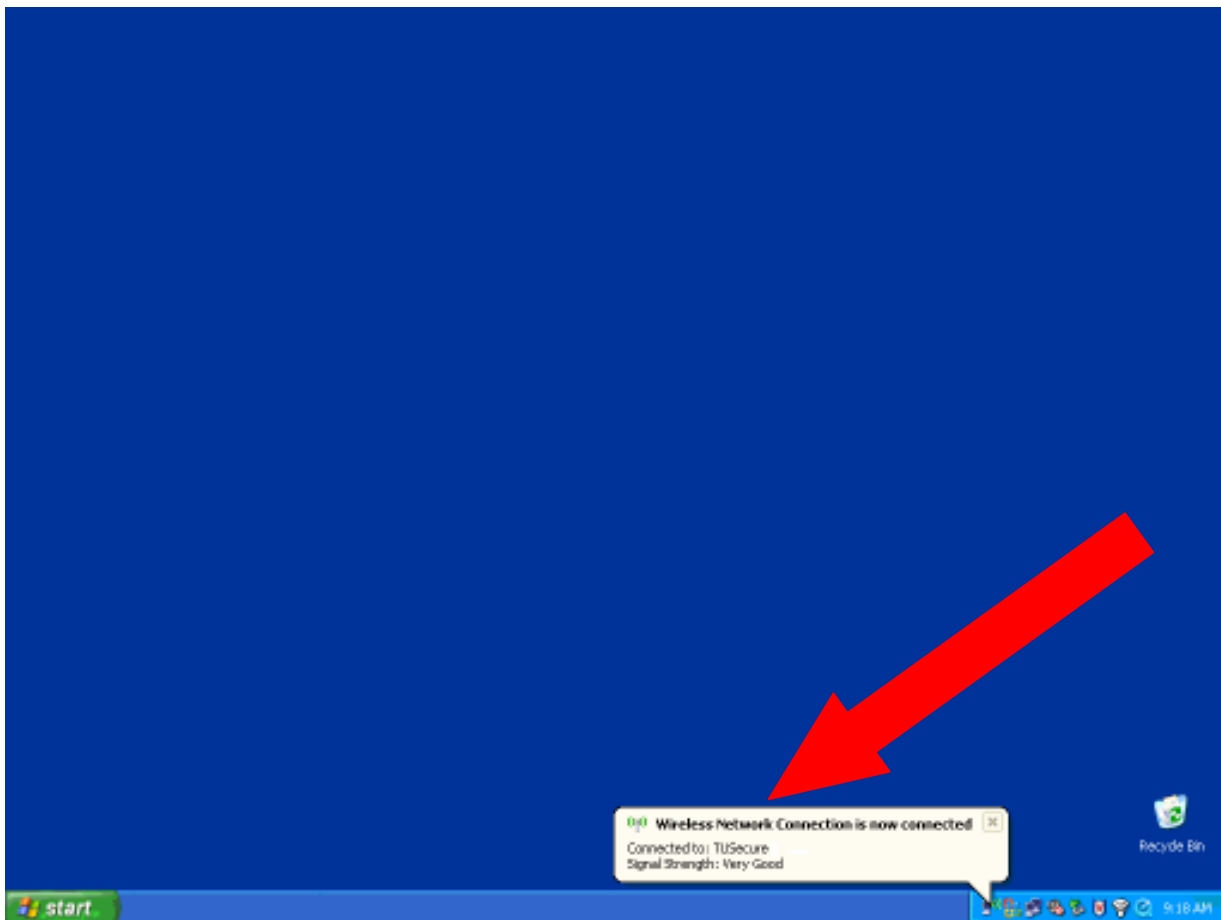


13. Input your utulsa username & password

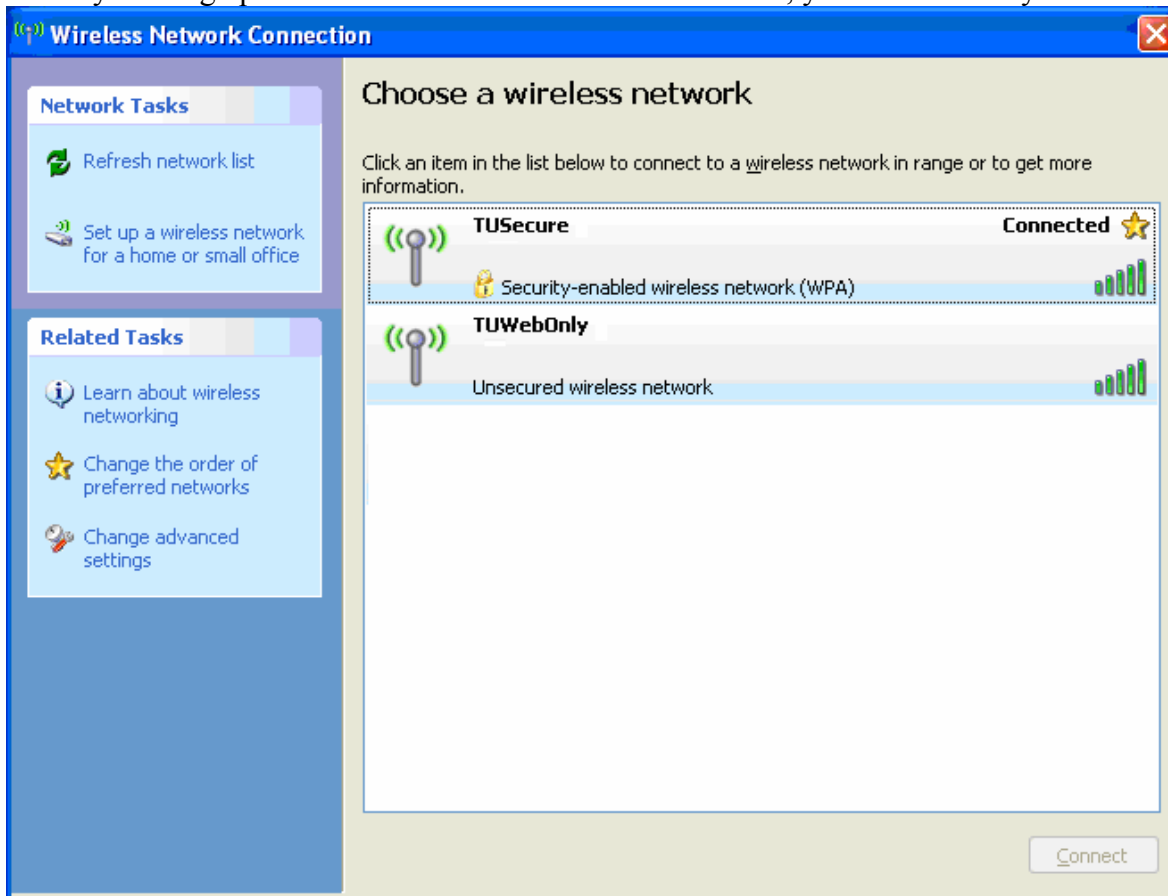




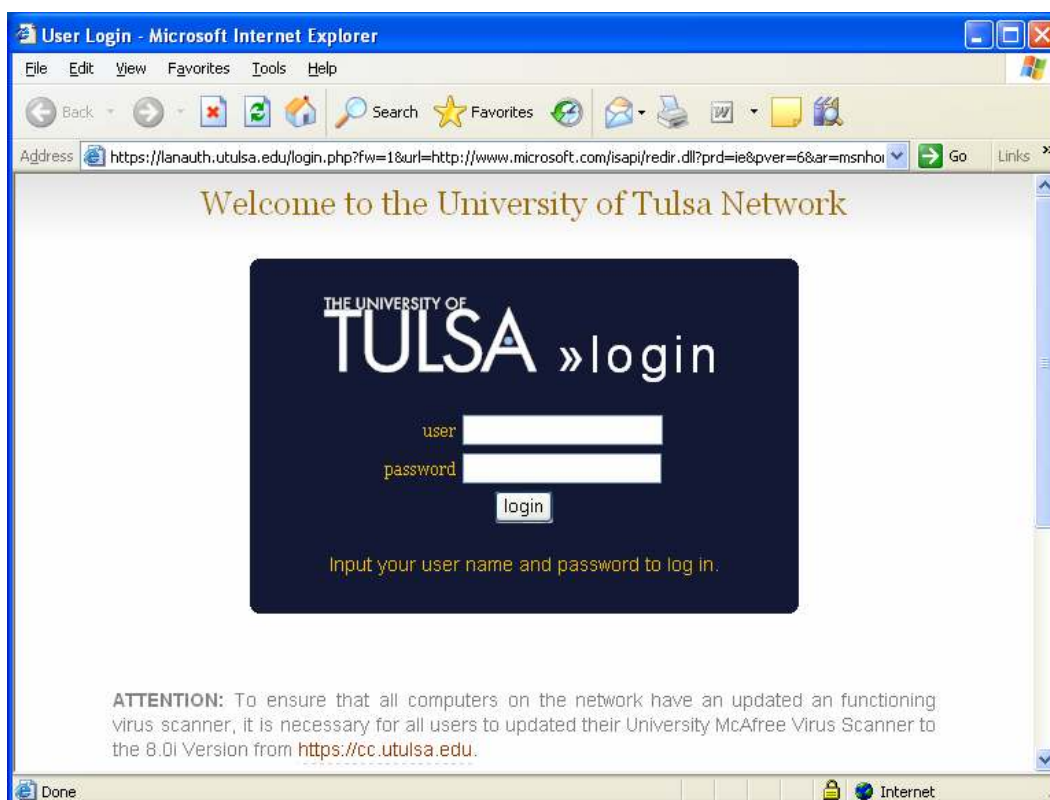
14. Once your connected to the network, and authenticated, a message should appear at the bottom verifying the connection.



15. If you bring up the 'View Available Wireless Networks', you will see that you are Connected to TUSecure

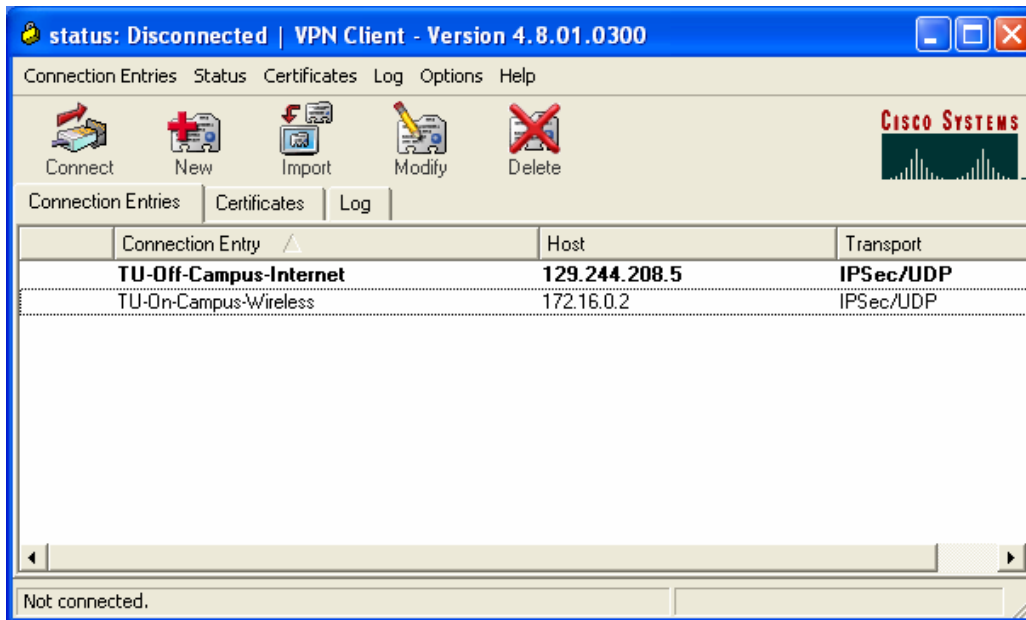


15. Once you are connected and authenticated, open a browser, and you will be asked to authenticate a second time to the network registration system.



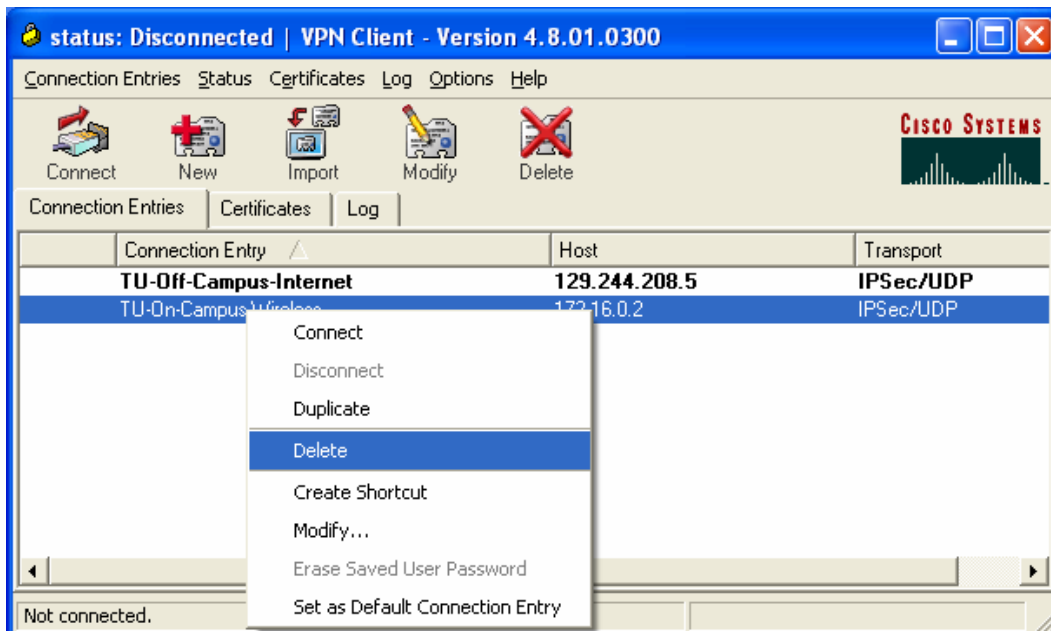
Modify New VPN Client (if necessary)

The new VPN Client is shown below:



The version is shown at the top of the box, which is now 4.8.01.0300. Also note that “Internet” and “Wireless” have been replaced by “TU-Off-Campus-Internet” and “TU-On-Campus-Wireless” in the Connection Entry box. **If “TU-On-Campus-Wireless” is not listed, no modifications are necessary.**

Since the On-Campus profile is not required, and to save possible confusion, it should be removed by right clicking on the entry and scrolling to the delete choice.



Once this process is complete, there is no need to perform Step 5 “Install new VPN client”

Information Services

VPN

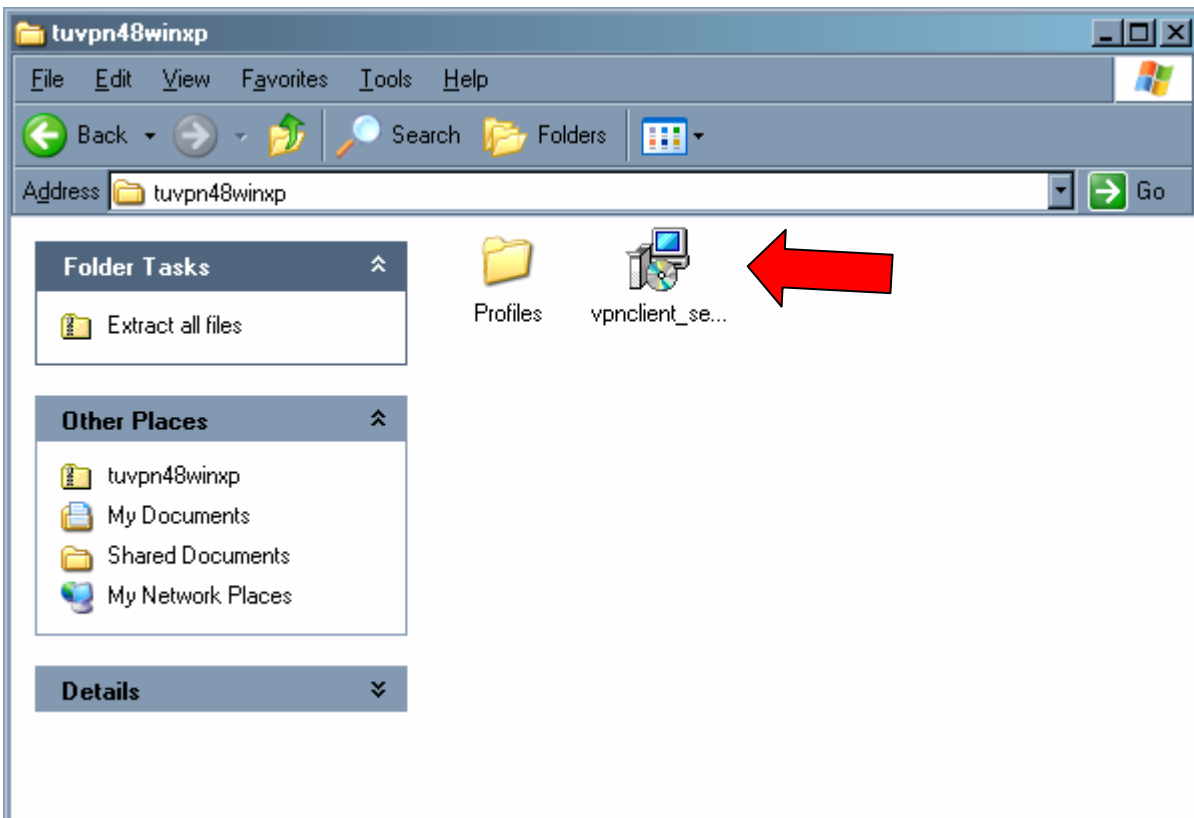
Setup guide

Setting up the Cisco VPN client

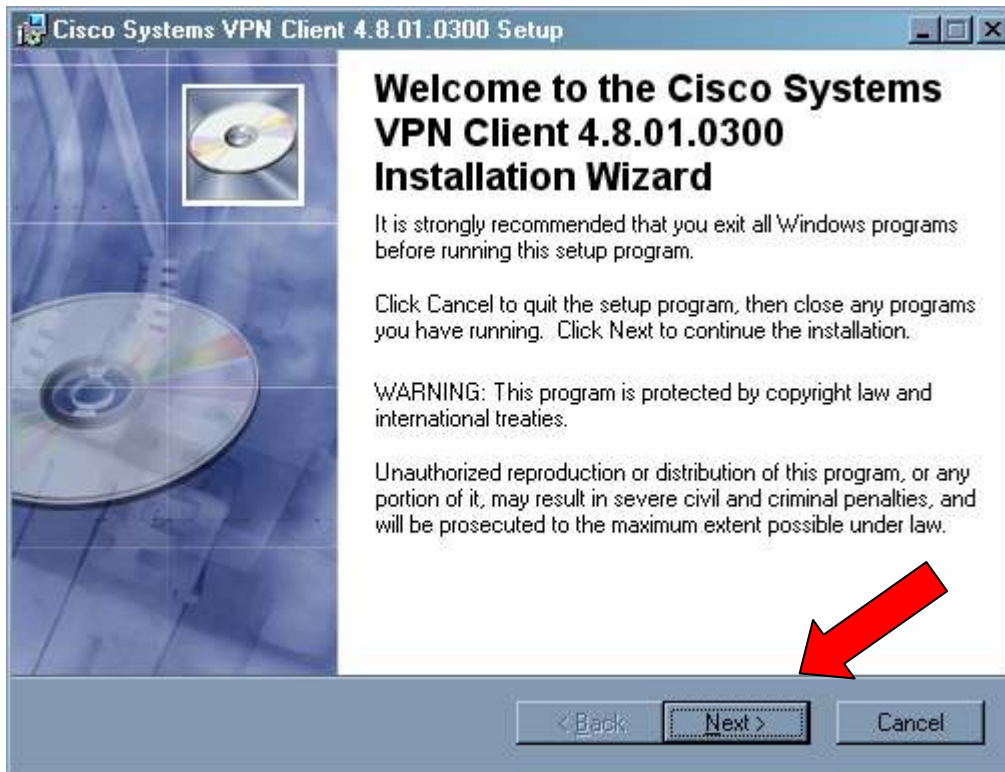
1. Obtain the Cisco VPN Client from MyTU (<http://mytu.utulsa.edu>), Once logged on to MyTU, select "TU Resources", then under the "TU Web Services" section select "Software Downloads", select "TU VPN Client (Windows)" from the list of available software and download this file to your system.
2. Unzip the 'tuvpn48winox.exe' (right click and select 'Extract All').



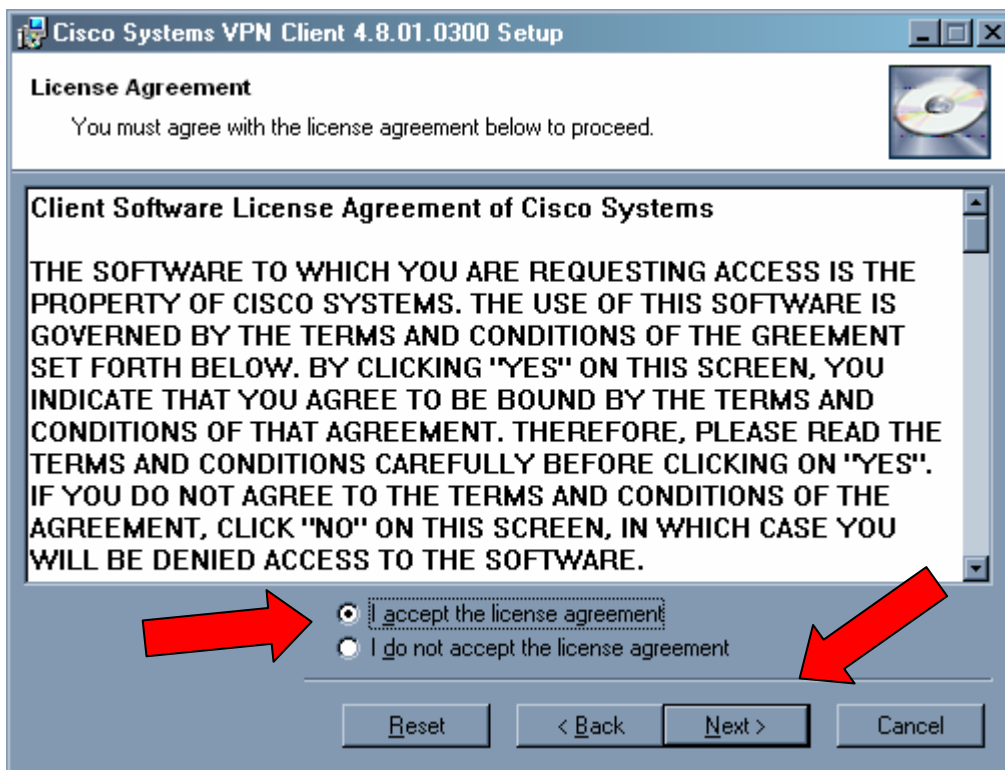
3. Inside the tuvpn48winox folder you have a folder called 'Profiles', and the 'vpnclient_setup48.msi'. Double click the 'vpnclient_setup48.msi'.



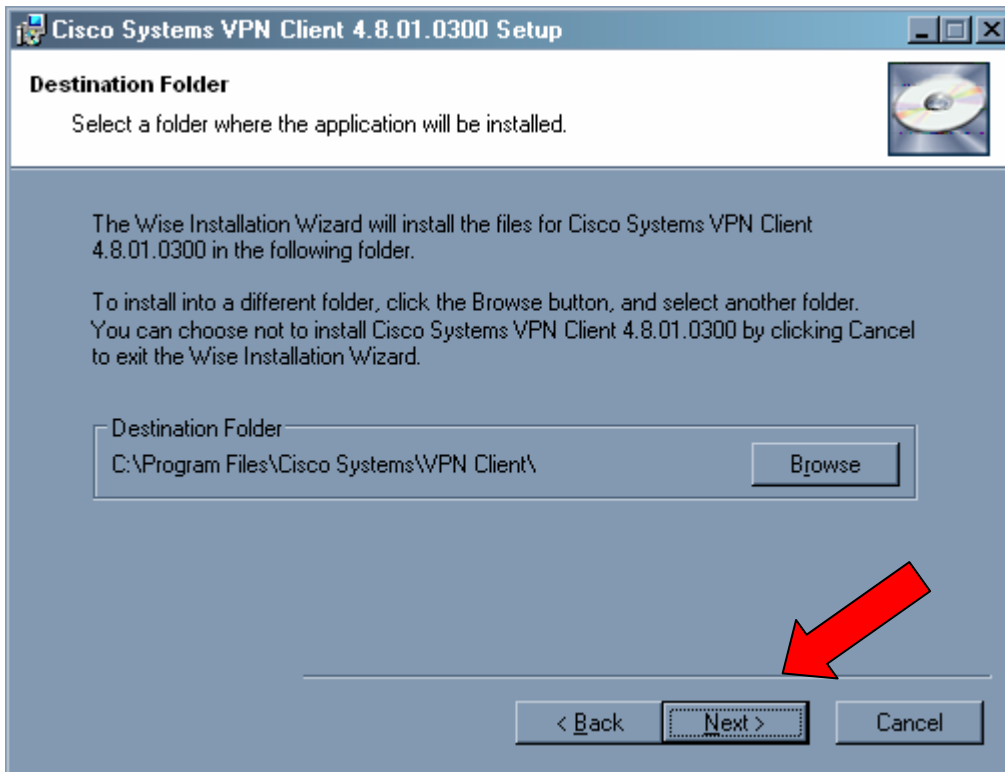
3. Click Next



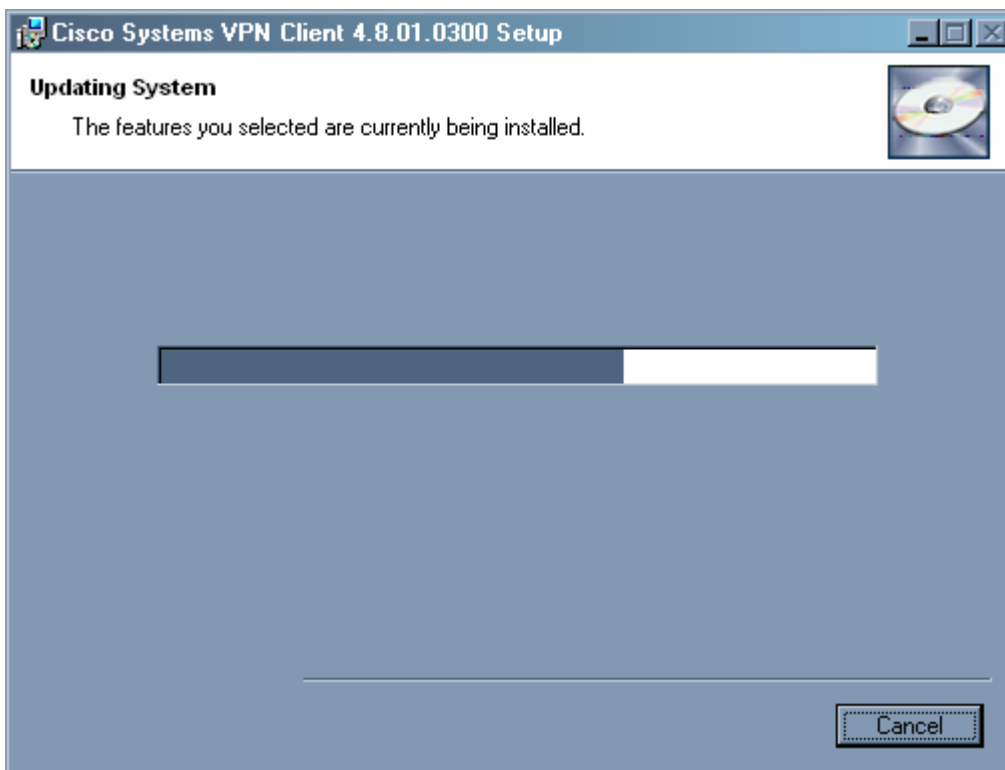
4. Click 'I accept the license agreement', then click 'Next'.



5. Click 'Next' to accept the installation folder and begin installation.



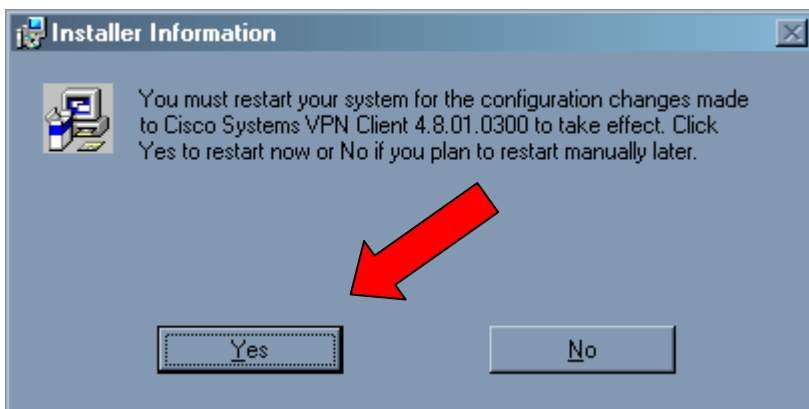
6. The installation will take several minutes.



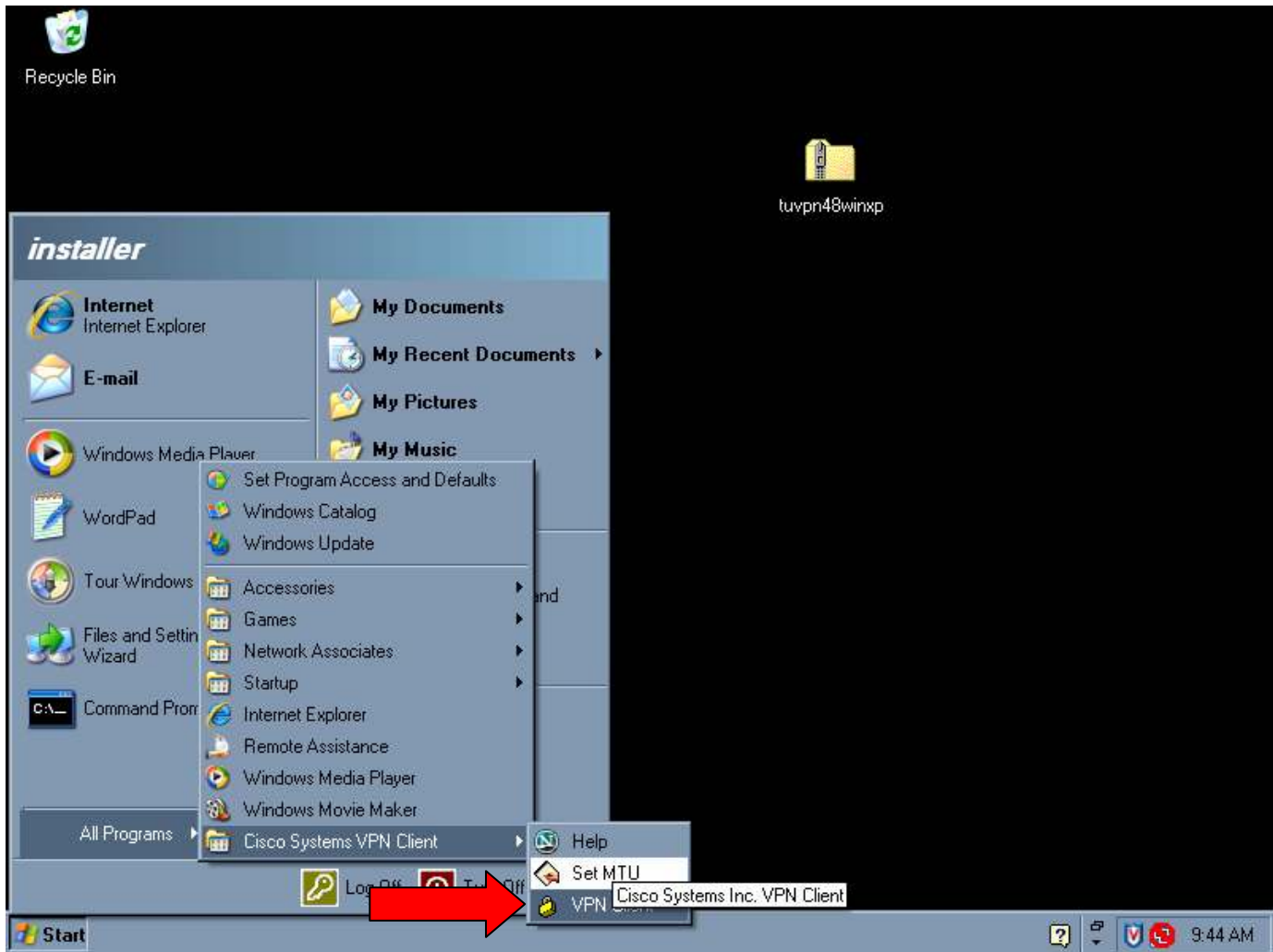
7. Click on 'Finish' to finish installation.



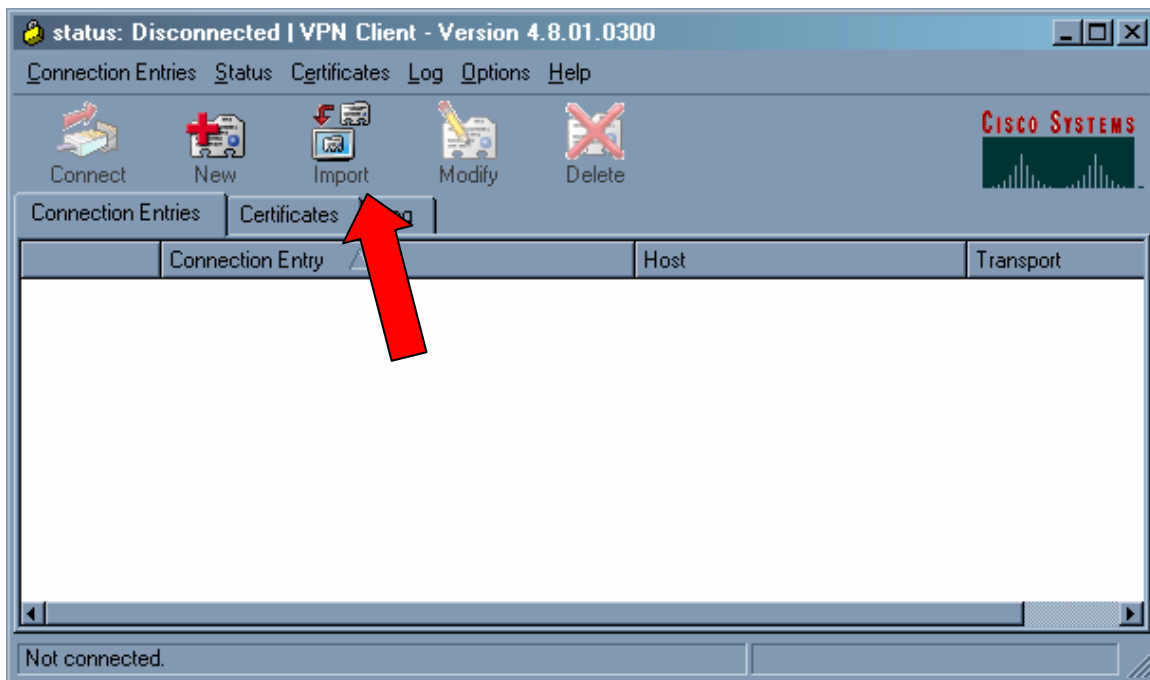
8. Click 'Yes' to restart your computer after installation (this step is required)



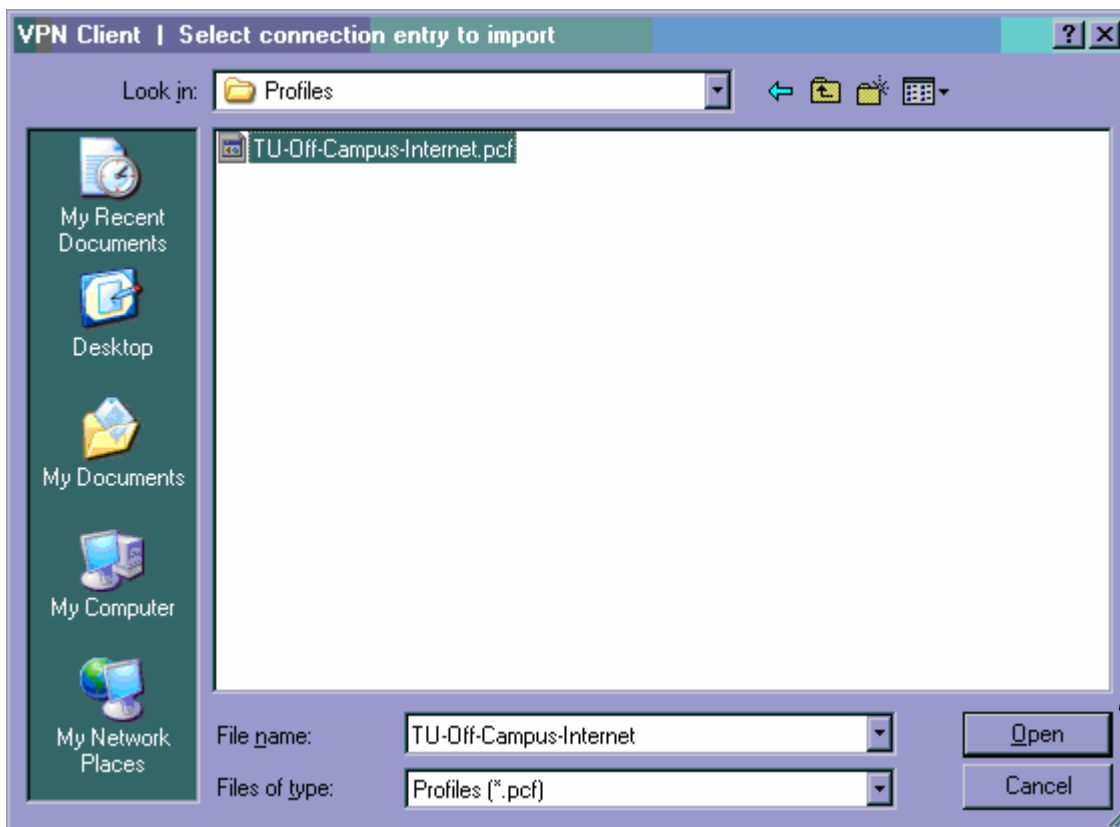
1. 9. After your computer completes its reboot, please open the vpn client and import the 2 necessary profiles. (side note: Once you reboot, your login may look different. The VPN is not compatible with 'Fast User Switching' (icons instead of the Ctrl+Alt+Del box), but you will login with the same username and password as you have been using to gain access to your computer.)



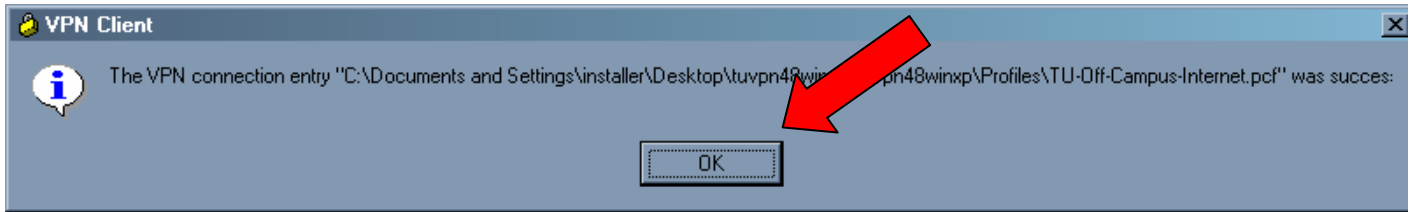
10. Click on import.



11. Navigate to the 'Profiles' folder in the extracted 'tuvpn48winxp' folder. And select the 'TU-Off-Campus-Internet.pcf' file and click 'Open'



12. Click 'OK'



13. After the import of the profiles is complete, your vpn is ready to use. Please select the appropriate profile and click on 'Connect'.