

Windows Vista: Connecting to the Secured Wireless Networks

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Athens and **Rome** are the secured wireless networks on the CUMC campus. Both require that your computer be specially configured, and that you log on to the network with your Columbia UNI account.

Please see our **Wireless at CUMC** handout for general details and a list of all wireless locations, or visit http://www.cumc.columbia.edu/it/getting_started/wireless.html

Instructions for connecting to both Athens and Rome are on this document (see below for Athens and the other side for Rome). You will only need to configure your computer once for each network, and you can install both programs on the same computer. NOTE: Rome is not compatible with Windows 64-bit systems.

Configuring Athens on Your Vista Computer

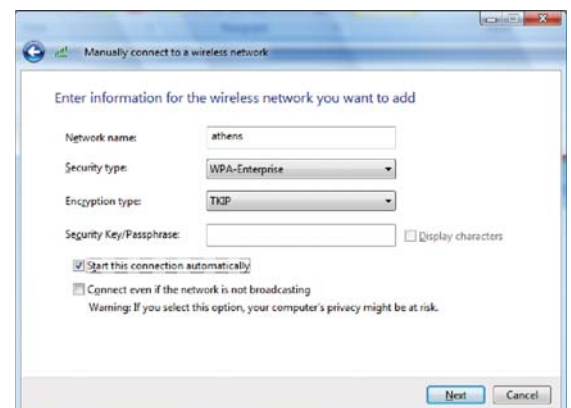
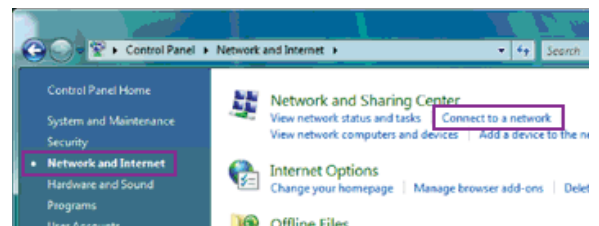
- The free SecureW2 program is required to connect to Athens from a Windows computer.
- Your computer should have all of its recent Windows updates, and may require software updates for its wireless card and BIOS as well if it cannot connect.
- Older versions of Windows (ME, NT and 98) cannot connect to Athens and must use Rome (see over).

Part I – Download and install SecureW2

1. Go to <http://www.securew2.com/products/>, select the link for Vista and follow the instructions on the site to install SecureW2.
 - Connect to the unsecured **guest-net** network to download SecureW2, or you can also stop by the Service Desk on the second floor of the Hammer building to get a copy of the software.
2. Restart your computer. You will not be able to connect if you haven't restarted!

Part II – Add the Athens Wireless Network

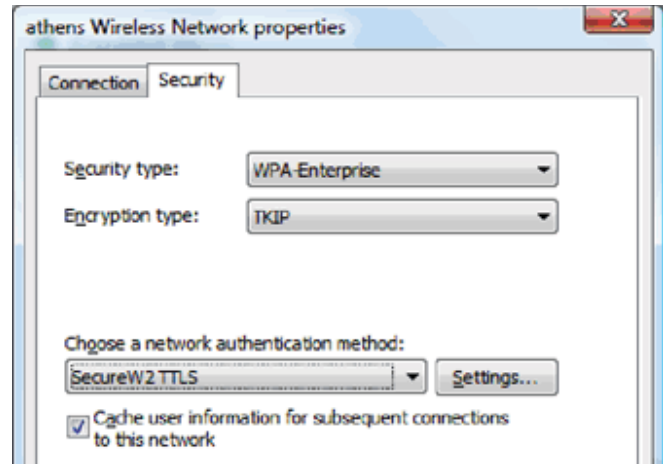
3. Open the **Control Panel**. Select **Network and Internet**, then **Connect to a Network** under the **Network and Sharing Center** heading.
4. Select **Manage wireless networks** from the **Tasks** list on the left.
5. Select the **Add** button, next the green plus sign.
6. Select **Manually create a network profile**, and use the entries and choices shown here:
 - Network name: type in **athens**
 - Security type: select **WPA-Enterprise**
 - Encryption type: select **TKIP**
 - Check off **Start this connection automatically**
7. Select the **Next** button when done.
8. At the next screen, select **Change connection settings**.



Part III – Configuring Athens Security

1. Select the **Security** tab in the properties window.
2. Make sure that **WPA-Enterprise** is listed as the **Security type**, and that **TKIP** is listed for the **Encryption type**. If not, use the drop down arrows on the right of each field to change.
3. Use the drop down arrow in the **Choose a network authentication method** field to select **SecureW2 TTLS** from the drop down list.
4. Select the **Settings** button to open the **SecureW2 Profile** configuration window.
5. To configure the **Default** profile in the **SecureW2 Profile** window, select the **Configure** button.
6. In the **SecureW2 Profile DEFAULT** window, clear the **Use alternate outer identity** check box.
7. Select the **Certificates** tab and clear the **Verify server certificate** check box.
8. Select the **Authentication** tab; **PAP** will appear in the **Select Authentication Method:** box.
9. Select the **User Account** tab:
 - To be prompted to login each time you connect to Athens (*recommended - more secure*), leave the **Prompt user for credentials** box checked.
 - To automatically connect to Athens without logging in: clear the **Prompt user for credentials** check box and enter your UNI for the **Username**, your UNI password for the **Password**, and leave the **Domain** field blank.
10. Select the **OK** button to save the SecureW2 configuration, then **OK** again to save the Athens Wireless Network configuration.
11. If you selected **Prompt user for credentials** in Step 9 above, you will see the window shown here when connecting to Athens. Enter your UNI and its password for authentication, leaving the **Domain** field blank, and select **OK**.
12. When you have authenticated, you will see a window stating you have Successfully connected to Athens.

Note: You may have to enter your credentials a few times.



Configuring Rome on Your Windows Computer

- Configuring your computer for Rome requires that you install the free Cisco VPN software program. VPN is not compatible with Windows 64-bit systems.
- VPN (Virtual Private Network) is a program that encrypts all data sent across the wireless network on the CUMC campus; it is not required for use on the Morningside campus.

To configure and use Rome:

1. Go to http://www.cumc.columbia.edu/it/getting_started/vpn_vista.html to download VPN and follow the step by step configuration instructions.
 - Connect to the unsecured **guest-net** network to download VPN, or you can also stop by the Service Desk on the second floor of the Library for a copy of VPN.
2. After installing VPN, **you must restart your computer**. VPN will not work until you reboot.
3. When your computer's wireless card detects the **Rome** network, you can open the Cisco VPN application, select the **West Campus Rome Wireless Network** to connect, and log on with your UNI and password.
4. Be sure to disconnect (select the **Disconnect** icon in the VPN window) when you are done using the Rome network.

For more detailed information please see our **How to Use VPN** handout.