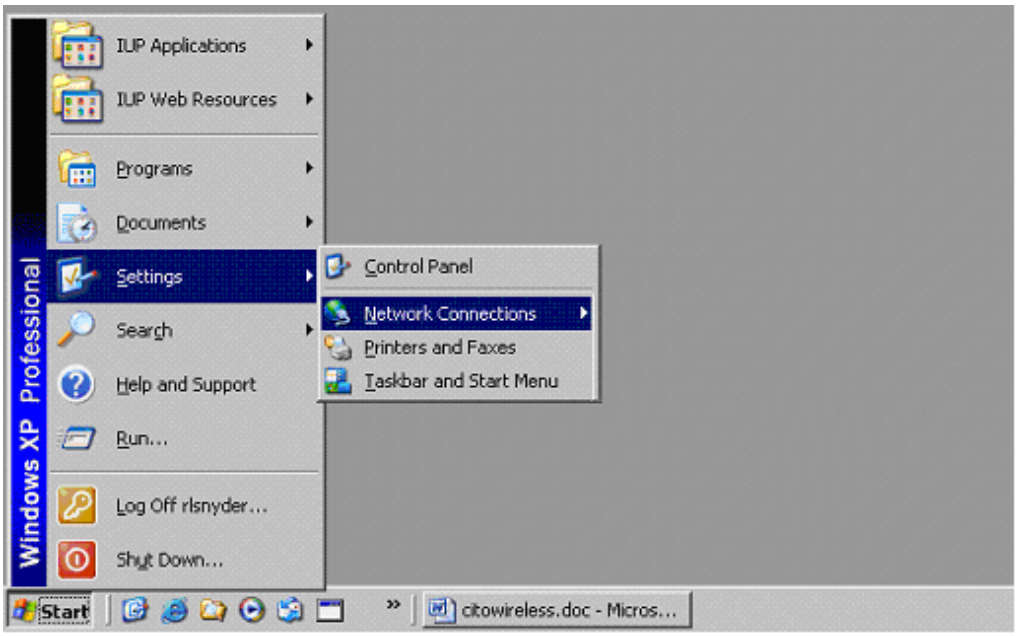
Setup the IUP Wireless Network -- Windows XP SP2

Purpose: Describes steps to setup IUP wireless network on the Windows XP operating system.

Audience: Authenticated IUP users

Note: Before setting up the IUP Wireless connection on a Windows XP machine, you should make sure that all current service packs and updates are installed

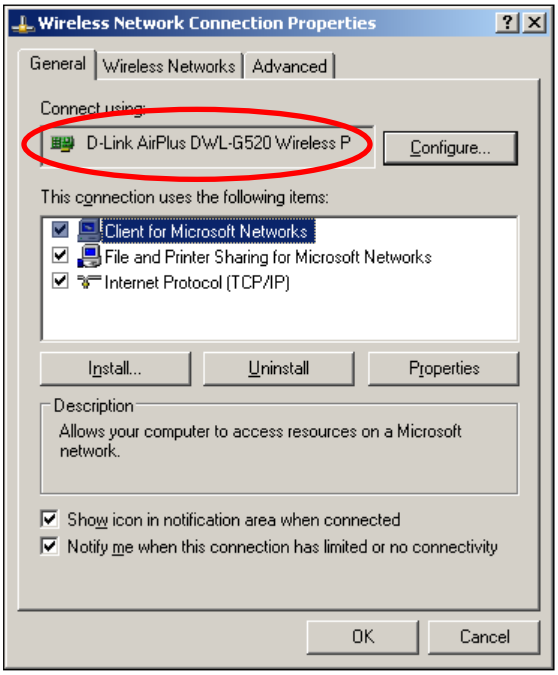
1. Click **Start**, **Settings**, and **Network Connections**.



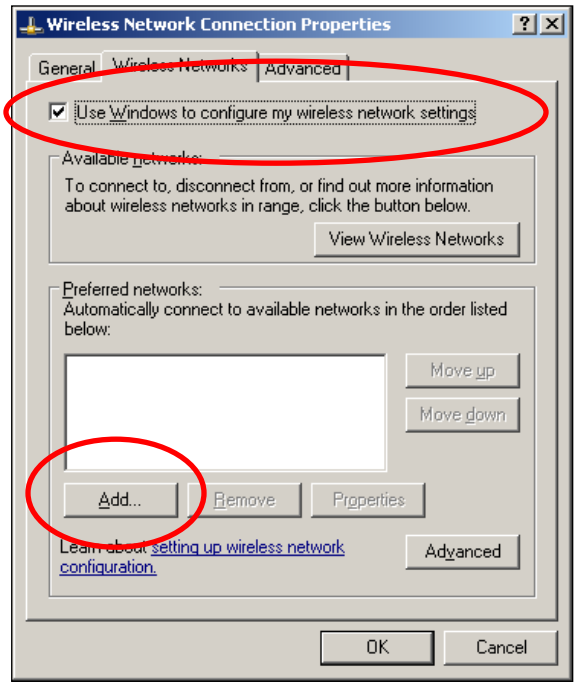
2. Right click **Wireless Network Connection** and select **properties**.

The dialog box at right should appear.

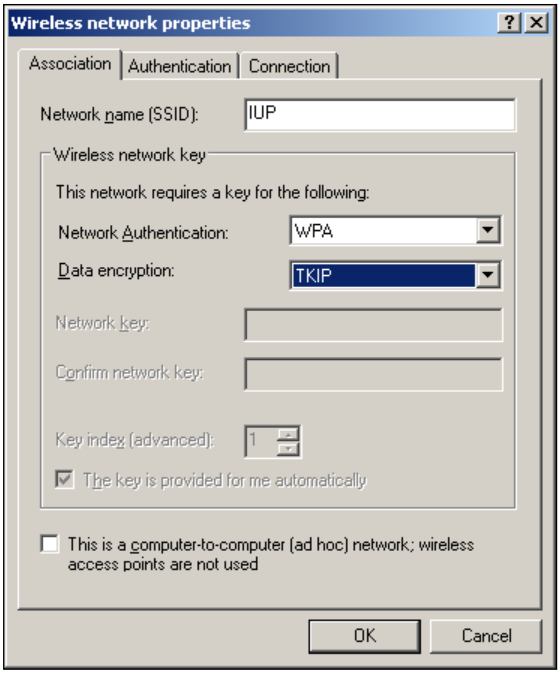
Verify your wireless card is listed in the *Connect using* box.



3. Select the **Wireless Networks** tab. Verify that **Use Windows to configure my wireless network settings** is selected. Then click **Add** in the **Preferred networks** section.

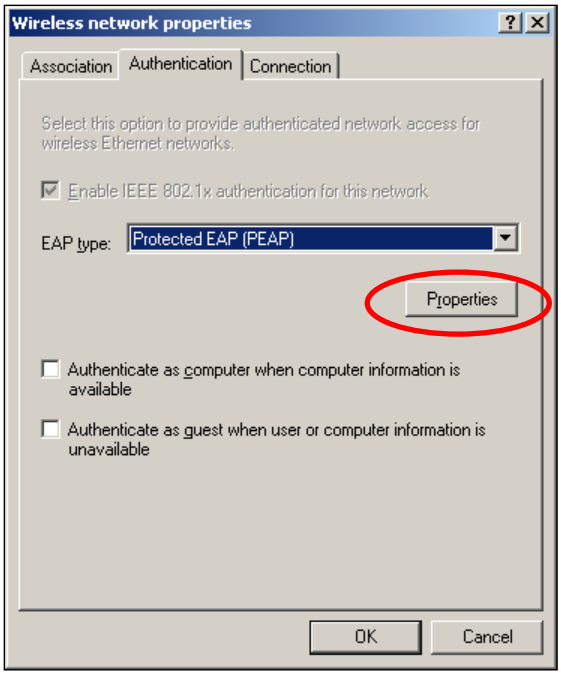


4. Enter the information as shown:
   a. Network Name (SSID): **IUP**
   b. For Network Authentication and Data Encryption: If the client supports WPA2 and the WPA2 option is available, select **WPA2** for network authentication and **AES** for data encryption.
   If WPA is the only option available from the drop down menu, select **WPA** for network authentication and **TKIP** for data encryption.



5. Click the **Authentication** tab and enter the following info:

a. EAP type: **Protected EAP (PEAP)**
b. Deselect **Authenticate as computer when computer information is available.**
c. Click the **Properties** button.

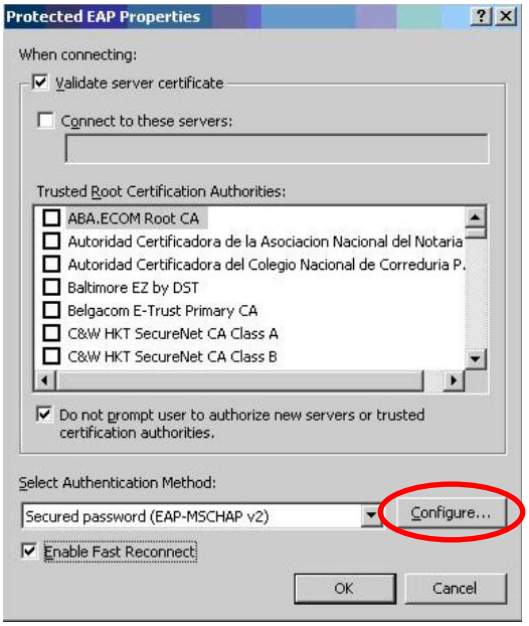


6. In the *Protected EAP Properties* dialog box:

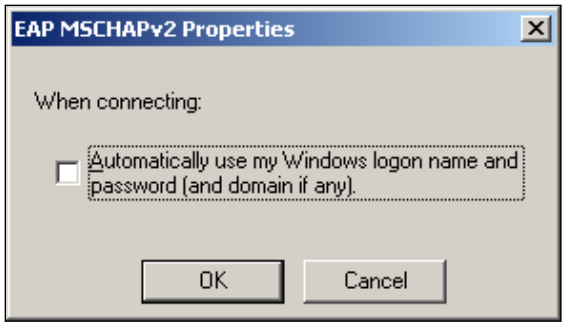
a. Verify that **Validate server certificate** is selected.
b. Under Trusted Root Certification Authorities, select the **Verisign Class 3 Public Primary Certification Authority - G5** certificate.

> If you see multiple instances of **Verisign Class 3 Public Primary Certification Authority - G5**, double-click on each, then click the details tab. Look for the Thumbprint value equal to:
> 4e b6 d5 78 49 9b 1c cf 5f 58 1e ad 56 be 3d 9b 67 44 a5 e5.

c. Select **Do not prompt user to authorize new servers or trusted certification authorities.**
d. Select **Enable Fast Reconnect**.
e. Select **Secured password (EAP-MSCHAP v2)** under *Select Authentication Method*, then click **Configure**.

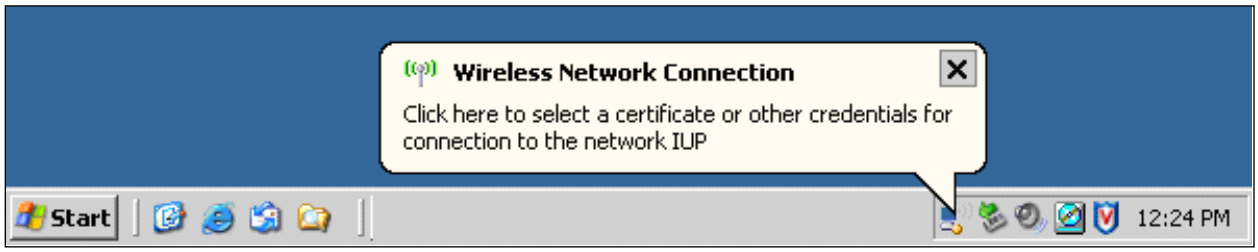


f. The dialog box to the right will be displayed. Deselect **Automatically use my Windows logon name and password (and domain if any)** then click **OK**.



Click **OK** on the remaining open dialog boxes.

7. After a moment, you should see a popup in the lower right corner of the screen which says *Click here to select a certificate or other credentials for connection to the network IUP.* Click on the popup at the bottom of the screen.



8. A logon box will appear prompting you to enter your username, password and domain information. Enter your network username and password, using IUPMSD for the logon domain, then click **OK**.

9. You are now connected to the IUP wireless network.