Connecting NTUST Wireless LAN on Windows XP/2003 using 802.1X

Install NTUST Wireless LAN Client certificate (ignore this if you have done before)
- Download and open NTUST WLAN Client certificate from
  [http://www.cc.ntust.edu.tw/ezcatfiles/cc2/img/File/802_1x/root.der](http://www.cc.ntust.edu.tw/ezcatfiles/cc2/img/File/802_1x/root.der), then click install Certificate...

- Click Next to continue.

- Click Next to continue.
Click Finish to continue.

Click Yes to continue.

Click OK to finish to the certificate installation.

XP/2003 WIRELESS CLIENT SETUP
Windows XP/Windows 2003 has in-built support for wireless networking. These instructions assume you are using the in-built support rather than a utility supplied with the wireless card

1. Open Network Connections by using Start, right-click My Network Places, Properties (for XP style start menu) or Start > Control Panel, then Right Click Network Connections > Open.
2. Right click your wireless adapter or Wireless Network Connection, choose Properties, then select the Wireless Networks tab.

![Wireless Network Connection Properties window]

3. In the Preferred networks section, click Add. Enter the Network name (SSID) as NTUST (case sensitive). Choose Open from the Network Authentication dropdown and WEP from the Data Encryption and ensure the The key is provided for me automatically checkbox is ticked.

![Preferred networks section]

Windows XP                          Windows 2003
4. Now click the **Authentication** tab. In the EAP Type dropdown, choose **Protected EAP (PEAP)**,

5. then click **Properties** below it. Make sure **Validate Server Certificate** is ticked. In the **Trusted Root Certification Authorities** dropdown, choose **NTUST WLAN Client certificate**. From **Select Authentication Method** choose **Secured password (EAP-MSCHAP v2)**.

6. Click the **Configure** button, then **un-tick** **Automatically use my Windows logon name and password (if any)**.
7. Click OK until you return to the Wireless Network Connection Properties screen. Make sure that the network NTUST is at the top of your Preferred Networks list. (You can remove all other networks if you wish). Finally, click OK to close this window.

Now, when you enable your wireless adapter, you should be prompted to enter a username and password. Type in your NTUST email account Username and Password, and after a brief wait you should see an Authentication Succeeded message.
If you still have trouble, check that NTUST is at the top of your preferred networks list, and try rebooting your system.

CONNECTING TO THE WIRELESS SERVICE
Once your laptop has been correctly configured, you can now proceed to connect to the WiFi Service. By default, Windows XP automatically remembers your user login ID and password, so you should only have to perform the following steps when you connect for the first time.

Please note: You will also need to repeat these steps each time you change your network password.

- If you are within range of the WiFi service, click on the bubble which should appear above the Toolbar at the foot of the screen:

- Identify the NTUST network from the list of available wireless networks

- Click on the Connect button

- Click on the following bubble which should appear above the toolbar at the foot of the screen:
Enter your NTUST email **login ID** and **password**. Leave the **Logon Domain** box blank.

Click **OK**

**CHECKING YOUR WIRELESS CONNECTION**

You can check if you have connected successfully in two ways:

1. Hover your mouse pointer over the wireless network icon in the toolbar:

2. Check the status of the **NTUST** wireless network window:
   - Right click on the wireless network icon on the toolbar and select **View Available Wireless Networks**.
The following window will show that you are connected to **NTUST**:

![Network Connection Window](image)

When you have finished using the service:
- Click on the **Disconnect** button.