Configure wireless settings for Windows Vista/Windows 7

1. Click Start, Control Panel, Network and Internet, Network and Sharing Center.
2. Click Manage wireless networks.
3. If ntu-staff or ntu-mobile is in the list of existing wireless networks, select it, right click on it and choose Remove network. Click OK if asked Do you want to proceed?
4. Click Add.
5. If asked, click Manually create a network profile in the How do you want to add a network window.
6. Enter ntu-staff or ntu-mobile into the Network name box
7. Change the Security type drop down option to WPA2-Enterprise
8. Change the Encryption type drop down option to AES. (if you are having problems using WPA2 or only have the option to use WPA then you might need to pick WPA and TKIP).
9. Click Next
10. Click Change connection settings
11. Untick **Connect to a more preferred network if available.**

12. Go to the **Security** tab

13. Change the **Network authentication method** drop down option to **Protected EAP (PEAP)**

14. Click **Settings**.

15. Untick **Validate server certificate**.
16. Change the **Select Authentication Method** drop down option to **Secured password (EAP-MSCHAP v2)**

17. Tick **Enable Fast Reconnect**

18. Tick **Enable Quarantine Checks**

19. Click **Configure**

20. Untick **Automatically use my Windows logon name and password** and click **OK**.

21. Click **OK** again, and again.
22. Wait for a yellow bubble to appear which says **Additional information is required to connect to ntu-staff or ntu-mobile.** Click this bubble (You may have to disconnect from any wireless networks you are currently connected to first).

![Additional information is required to connect to ntu-student. Click to provide additional information and connect](image)

23. Enter your NTU username. Enter your NTU password in the password box. Leave Domain blank.

![Enter Credentials](image)

24. Click **OK**.

25. Close any remaining open windows.

26. You computer should now connect you to the wireless. This may take up to 30 seconds. Continue through this guide.

**Ensuring your device is compliant for the NTU Network**

The ntu-staff wireless network allows you to gain full network access. Because of this it requires some additional configuration. This allows checks to take place on your device to ensure Windows is up to date with security patches and that an anti-virus product is installed.

1. Launch a browser and you will be re-directed to the Cisco NAC web agent page.
2. Launch the agent and if successfully installed you will see the screen below.

3. Whilst this screen is active the Cisco NAC agent is being configured and after 20 secs or so you will see the Temporary Network Access screen appear. This is checking that your device is compliant (latest Windows security updates and a valid anti-virus program is installed)
4. If the device complies (if not see section Device compliance failure) you will then be granted full network access. Click Ok. You are now free to use the web or to browse to network shares on the NTU network as if you were using your PC.
Subsequent connections to the ntu-staff wireless

The Cisco NAC web agent only needs to be installed once. Subsequent connections will use the NAC agent and automatically log you in.

The agent will then check your device for compliance and if compliant will grant full network access.
Device compliance failure

If your device is not compliant this means that your Windows updates are not up to date and/or you do not have a recognised anti-virus program installed.

![Cisco NAC Agent]

Clicking on Show Details will show you what is not compliant. You will have some time to be allowed to access the internet to download and install the windows updates or an anti-virus product in order to become compliant.