Connecting to the NSW DEC Wireless

Simple Method

To connect to the NSW DEC wireless network you must have a wireless network card which is capable of 5GHz Wireless N. A list of 5GHz Wireless N capable wireless network cards can be found in the Appendix.

If you have a compatible card, to connect to the NSW DEC wireless network, proceed with the following steps:

Windows Vista / Windows 7

Step 1

Ensure your wireless network card is enabled on your laptop. You may need to press a button or switch on your laptop physically to enable it.

Look for the Network & Sharing Center icon at the bottom right of your screen near the clock and click on it. This will bring up the list of available wireless networks.

Click on the ‘nswdet’ entry in the list and this will bring up a ‘Connect’ button. Tick the ‘Connect Automatically’ box and then click ‘Connect’.

Step 2

You will be asked for user credentials. The login to enter is your DEC Portal login (NOT your school computer login), with the suffix @detnsw.

Click ‘OK’ when you have entered your login.

For example:

User: john.citizen@detnsw
Password: mypassword

Step 3

Once you have entered your DEC Portal login, one of two things will occur. If your login was incorrect you will be presented with the Network Authentication prompt again as shown in Step 2.

However, if your login was correct then you will be presented with a prompt which says ‘The connection attempt could not be completed’. This warning is not important and so you can continue by clicking ‘Connect’.

Lucas Heights Community School
Step 4

Your laptop should now be connected to the NSW DEC wireless network.

However you will also need to configure your web browser to connect to the DEC proxy server.

Internet Explorer / Google Chrome

These settings also configure Google Chrome, despite being for Internet Explorer.

Open Internet Explorer, and click on ‘Tools’ towards the right side and then click ‘Internet Options’ in the dropdown menu that appears.

Go to the ‘Connections’ tab followed by ‘LAN Settings’.

Tick the ‘Automatically detect settings’ box and click ‘OK’ to close the dialog. Click ‘OK’ again to close the second dialog.

You are now finished configuring your laptop for the NSW DEC wireless network.
Mozilla Firefox

Open Mozilla Firefox and click on the ‘Tools’ dropdown menu, then click on ‘Options’. Click on the ‘Advanced’ section at the top of the dialog that appears.

Click on the ‘Network’ tab and then click on the ‘Settings’ button in the ‘Connection’ section.
Select the ‘Auto-detect proxy settings for this network’ option and then click ‘OK’ to close the dialog. Click ‘OK’ again to close the second dialog.

You are now finished configuring your laptop for the NSW DEC wireless network.

Appendix

5GHz Wireless N Compatibility

To check what wireless network card you have, follow the following steps:

Go to the Start Menu and type in ‘devmgmt.msc’ in the search box and press Enter. This will bring up Device Manager.

Expand the ‘Network Adapters’ section and check the entries in this section against the provided list below. The list is by no means an exhaustive list however the majority of common compatible wireless network cards are listed.
List of 5GHz Wireless N capable wireless network cards

**Mini PCI Express Adapters**

Intel Wireless WiFi Link 4965AGN
Intel WiFi Link 5100 AGN
Intel WiFi Link 5150
Intel WiFi Link 5300 AGN
Intel WiFi Link 5350
Intel Centrino Advanced-N 6200 AGN
Intel Centrino Advanced-N 6205
Intel Centrino Advanced-N 6230
Intel Centrino Advanced-N 6235
Intel Centrino Advanced-N + WiMAX 6250 AGN
Intel Centrino Ultimate-N 6300 AGN
Intel Dual Band Wireless-N 7260
Intel Dual Band Wireless-AC 7260
Qualcomm Atheros AR5009 802.11a/g/n WiFi Adapter
Qualcomm Atheros AR9280 Wireless Network Adapter
Qualcomm Atheros AR9380 802.11a/g/n WiFi Adapter
Qualcomm Atheros AR9382 802.11a/g/n WiFi Adapter
Qualcomm Atheros AR9462 802.11a/b/g/n WiFi Adapter
 Broadcom 4321AG 802.11a/b/g/n Wi-Fi Adapter
 Broadcom 4322AG 802.11a/b/g/n Wi-Fi Adapter
 Broadcom 43224AGN 802.11a/b/g/n 2x2 Wi-Fi Adapter
 Broadcom BCM943228HM4L 802.11a/b/g/n 2x2 WiFi Adapter

**USB Adapters**

ASUS USB-N53
ASUS USB-AC56
ASUS USB-N66
Billion BIPAC 3010ND
D-Link DWA-160
D-Link DWA-171
D-Link DWA-182
Linksys AE2500
Linksys AE3000
Linksys AE6000
Linksys WUSB600N
NETGEAR A6100
NETGEAR A6200
NETGEAR WNDA3100
NETGEAR WNDA4100
TP-Link TL-WDN3200
TP-Link TL-WDN4200