

# Helpsheet:

## Wireless networking and DeakinSecure Macintosh 10.4 (students)

DeakinSecure is Deakin University's wireless network. It uses:

- encryption to safeguard data transferred across the wireless network, and
- authentication to ensure only those with a valid Deakin username can access the wireless network.

Authentication occurs immediately once a connection is made to the wireless network allowing you to use Deakin's network resources (such as connecting to your home directory or shared work areas, or access the Internet) without additional steps.

To find out more about wireless networking and DeakinSecure see the *Wireless Networking @ Deakin - Macintosh* user guide available from <[www.deakin.edu.au/its/publications/](http://www.deakin.edu.au/its/publications/)>.

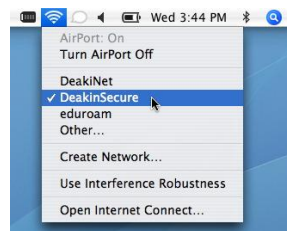
### What do you need to use DeakinSecure?

To connect to DeakinSecure your computer must have:

- Mac OS X 10.3.9 or Mac OS X 10.4.2 and above
- an AirPort Extreme card
- Airport 4.2 software (this is the minimum version supplied with Mac OS X 10.4.2 and above, but you need to download it if you have the lower OS version.)  
You can download AirPort from <[www.deakin.edu.au/software/](http://www.deakin.edu.au/software/)> then click on **Operating System Updates > Mac OS X**. It is also available at the external site of <[www.apple.com/support/downloads/](http://www.apple.com/support/downloads/)>
- Administrator access to your Macintosh to set DeakinSecure up for the first time.

### How do you use DeakinSecure?

1. Complete the steps in the *Configuring a wireless connection for DeakinSecure* section on the reverse of this helpsheet (needed for first time use only).
2. Select **DeakinSecure** from the AirPort menu when your laptop is within range of DeakinSecure.



### Changing your web browser settings

Once you have connected to DeakinSecure you will need to change your web browser settings so they work within the Deakin network environment. See the *Configuring Firefox for Deakin Use* helpsheet for your operating system available from the ITSD Publications website at [www.deakin.edu.au/its/publications/](http://www.deakin.edu.au/its/publications/). There are also versions for Internet Explorer and Safari.

### How to disconnect from DeakinSecure

1. To disconnect from DeakinSecure, click on the **Disconnect** button in your AirPort icon (either located in the top bar or in the Dock).
2. Change your web browser settings back to your original settings. (If you don't do this, your browser might not work when you use your own internet service).

## Need further help?

If you require further information or assistance with accessing DeakinSecure, see the Wireless website at <[www.deakin.edu.au/its/wireless/](http://www.deakin.edu.au/its/wireless/)> or call the IT Service Desk on ext. 72400.

ITSD publishes a range of publications to assist with various aspects of using IT at Deakin. These can be found at the ITSD Publications website located at <[www.deakin.edu.au/its/publications/](http://www.deakin.edu.au/its/publications/)>.

## Configuring a wireless connection for DeakinSecure

You need Administrator access to set up wireless access (the first account that was created on your computer generally has administrator privileges).

1. Click on the AirPort icon located at the top right hand corner of the menu bar and select **Open Internet Connect...**
2. Click on **802.1X**.  
Note that if the 802.1X icon is not present in the AirPort window, click **File**, then click **New 802.1X Connection** available in the Internet Connect menu.
3. Select **Edit Configurations** from the Configuration drop down box in the 802.1X window.
4. Enter your **User Name** (should be username@deakin.edu.au) and **Password**.  
  
Select **DeakinSecure** from the **Wireless Network** drop down box, and under **Authentication** check TTLS, PEAP, LEAP, MD5 protocol boxes.
5. Select **TTLS** and click on the **Configure** button.
6. Select **MSCHAPv2** from TTLS **Inner Authentication** drop down box and type `anonymous` in the **Outer Identity** box.  
  
Click **OK**.
7. **Select PEAP** and click **Configure**.
8. Type `anonymous` in **Outer Identity** and click **OK** in the PEAP window.
9. Click **OK** in the Edit 802.1X Configuration window.
10. Click **Connect** in the 802.1X window.
11. The first time you configure your computer for DeakinSecure, you need to verify the certificate.  
  
Click on **Show Certificate** at the **Verify Certificate** window.
12. Tick the **Always trust these certificates** check box and click **Continue**.  
You will be required to perform this step only once.
13. You are now connected to DeakinSecure. The connection status is also displayed in the 802.1X window.
14. Change the settings on your web browser. See the *Configuring Firefox for Deakin use* helpsheet on the ITSD Publications website at <[www.deakin.edu.au/its/publications/](http://www.deakin.edu.au/its/publications/)> for help with this. There are also helpsheets for Safari and Internet Explorer located here.