

## AirUWS Wireless Network – detailed notes for Macs

### OSX 10.5 (Leopard)

This fact sheet covers connecting to the older AirUWS network using Mac OSX 10.5 workstations with AirPort network cards, and Safari 3.2.1. **Note that the newer network AirUWS-Lite is recommended for most users.** OSX 10.5.6 and Safari 3.2.1 were used to prepare this document. Other versions of OSX will be similar. The latest version of this fact sheet can be found at <http://www.uws.edu.au/wireless>.



Your use of AirUWS is subject to the University's  
IT Acceptable Use of Resources Policy.

**Note: OSX 10.6 (Snow Leopard) is now available. ITS has been advised that Snow Leopard requires installation of Rosetta, which is available on the Snow Leopard DVD, or as a download from Apple updates. Java must be the 32 bit version, NOT 64 bit. The network screen is different to that described in this fact sheet.**

The UWS wireless network supplements the wired network and is available at key locations on each campus, including teaching spaces and other areas where students congregate. Coverage maps are available at <http://www.uws.edu.au/wireless>. No coverage is available off campus.

Provided your Macintosh meets the minimum specifications published at <http://www.uws.edu.au/wireless>, you have administrator rights on your Mac, and you have an active [MyUWSAccount](#) login (available to current students, staff, and some associates of UWS), you will be allowed access to the wireless network at no additional charge. The IT Acceptable Use of Resources Policy and other relevant policies apply to all users.

Unlike the wired network, staff computers do not automatically connect on start up – you'll need to follow the connection process before you are able to use AirUWS.

#### Preparation:

##### You

If you haven't already done so, activate your MyUWSAccount at <https://myuwsaccount.uws.edu.au/>.

##### Your Apple Macintosh

Confirm your Macintosh laptop meets the minimum specifications published at <http://www.uws.edu.au/wireless>.

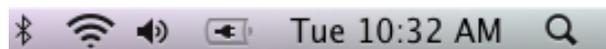
**Ensure your Airport wireless connection is enabled.**

Look at the AirPort icon (found on the right hand corner of your Menu Bar) to check if AirPort is enabled.



AirPort icon – not enabled

If not, click the AirPort icon and select **Turn AirPort On**. The icon will change.



AirPort icon – enabled

Click the AirPort icon again to confirm AirUWS is ticked. If not, select AirUWS from the list of available networks.



After starting AirPort and connecting, AirUWS should be ticked.  
If not, select AirUWS from the available networks.



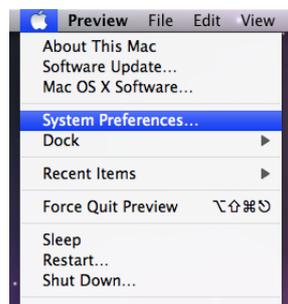
If both AirUWS and AIRUWS are available, choose the one with the strongest signal.

**Your network settings**

To access the internet via AirUWS, you must use our proxy server. You'll need to ensure the proxy settings are set to **Using a PAC file**. You may need to change these proxy settings back to the settings recommended by your Internet Services Provider (ISP) for non-UWS use.

## Proxy settings

- Open System Preferences → Network → AirPort → Advanced → Proxies tab → Configure Proxies → Using a PAC file → Enter the “PAC file URL” <http://autoproxy.uws.edu.au/proxy.pac>
- → Click “OK” then click “Apply”.



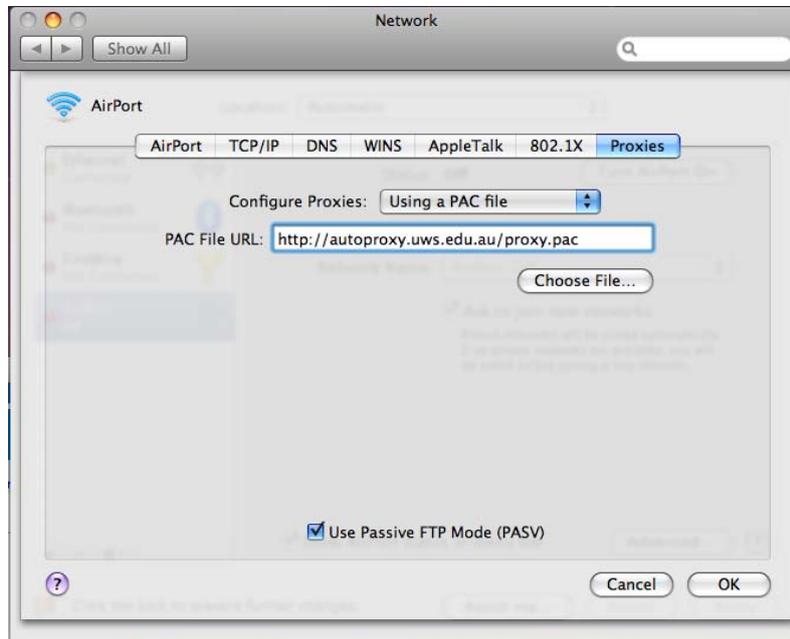
Open System Preferences...



Click Network



Select AirPort and then Advanced.



Change to 'Using a PAC file' and enter URL.

Proxy settings can also be changed via Safari's **Preferences...** option.

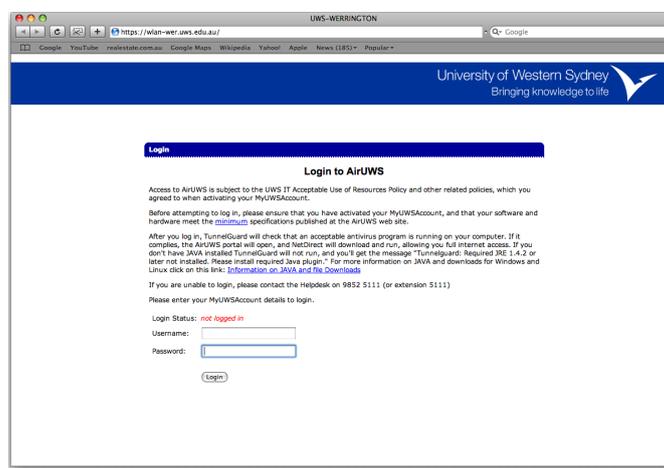


**Make sure "Block Pop-Up Windows is NOT ticked in Safari.**

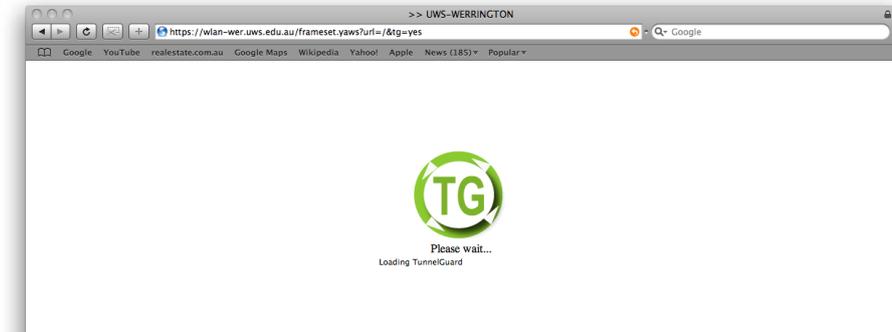
**Quit and re-open Safari for your changes to take effect.**

### Authenticate (log in) using Apple Safari

You should be automatically redirected to the login portal, where you will need to enter your MyUWSAccount login details. If you aren't redirected, you may need to clear Safari's cache (shift + the refresh button in your browser) or set the home page to <http://www.uws.edu.au>.

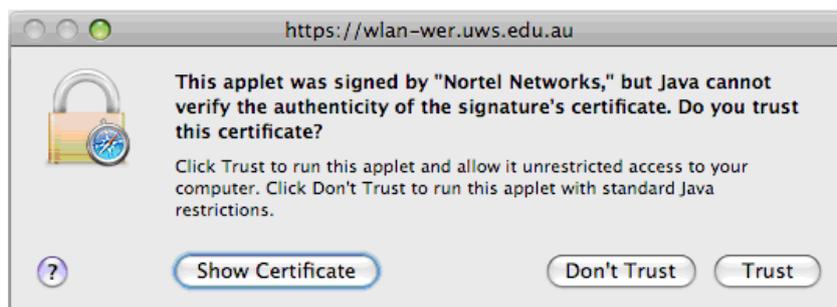


AirUWS login screen



TunnelGuard will start

TunnelGuard will start, followed by a certificate warning. Click **Trust** to continue.

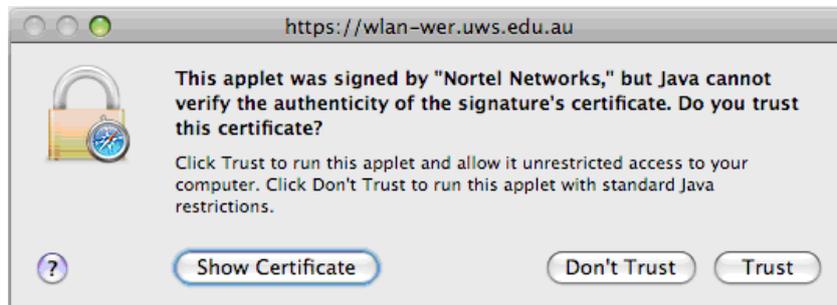


Click the Trust button

The NetDirect Java Applet (the software that connects you to AirUWS) will download and start, but you'll need to **trust** another certificate to continue.



Java NetDirect Applet downloads and starts



Another certificate warning appears.  
Click 'Trust' again.

You will be prompted for your NetDirect authentication password. Enter your **Mac's local admin password** so the NetDirect Applet can finish installing.

**Note:** This should not be your MyUWS Account password.



Enter the local administrator password for your Macintosh

The Net Direct Applet will finish installing and start.

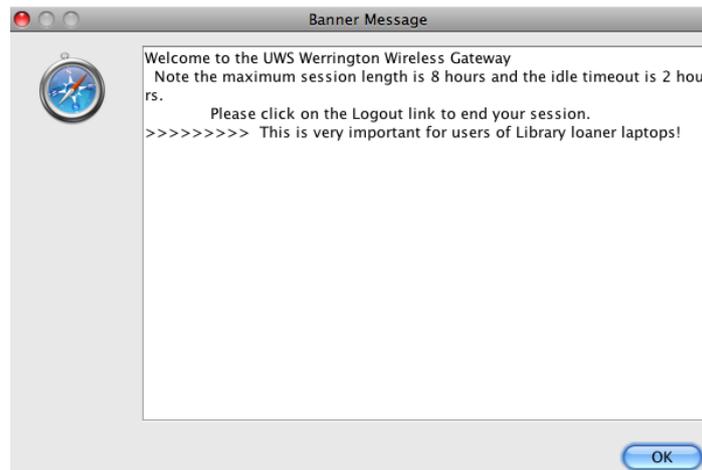


NetDirect will finish installing and start



**Don't close the NetDirect Java applet window,  
or you'll be disconnected from AirUWS.**

If your laptop complies with UWS' requirements, and NetDirect successfully installs, a message will appear welcoming you to the campus. It is **essential** that you wait for this banner message before going further. Press **OK**. You are now connected to AirUWS. **Note:** If you don't see the banner message within a short time, your connection hasn't worked, and you'll need to close your browser and start again.



Click OK on the banner message

For security reasons, each time you attempt to connect to AirUWS, you'll go through the whole authentication, download and installation process.

#### I'm connected – now what?

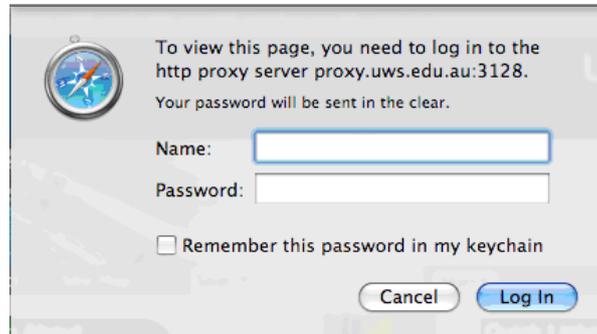


**Don't close the AirUWS portal or NetDirect Java applet windows, or you'll be disconnected from AirUWS.**

Once you have connected, **minimise** the browser portal and the NetDirect Java Applet windows, but **don't close either of them**. If you close either, you'll be disconnected from the wireless network and will have to start over.

**Open a new window in your browser to begin surfing the web.** Programs such as Safari, MSN Messenger, and email software should work normally.

As when using the general purpose computer labs, you'll be required to authenticate again when accessing external websites. Enter your MyUWSAccount credentials when the login box appears, and press OK to continue. You may be asked to authenticate more than once.



Enter your MyUWSAccount credentials and click OK



Use your ISP's web mail to access home email accounts.

**Note:** UWS cannot provide assistance with access to non UWS email accounts.

Privately owned computers are **not** able to connect to network shares, synchronise off-line files or print, but will have internet access. To print from a privately owned laptop, save your work to a USB drive which you can take to an on campus computer lab to print as you normally do in the labs.

Staff using UWS Apple Macintosh laptops will be able to print normally, and connect to network files and any network drives they are permitted to access.

#### How do I log off?



Always use the logout link on the portal page.

#### Minimum specifications:

The minimum specifications will change as configurations are tested and certified.

Current specifications can be found at:

<http://www.uws.edu.au/wireless>



**Tips:**

You **must** leave the portal window and NetDirect applet running or you will be disconnected from AirUWS.

**Save often.** Wireless networks are less reliable than wired networks, and you could potentially lose your data if your network connection is lost. Saving often minimises your risk of losing data.

**Wireless & Wired.** Don't try and connect wirelessly while still running a wired connection – the laptop may get “confused” about which connection to use.

**Drivers.** Updating your laptop's wireless drivers may give a more reliable service.

**Inactivity timeouts apply.** UWS has only a limited number of licences available for AirUWS. To be fair to all, users are automatically logged off after a lengthy period of inactivity, freeing the licence for others.

**Popup blockers.** Allow your popup blocker's to trust \*.uws.edu.au.

**Firewalls.** If you use a third party firewall you may need to disable it or make exception rules to allow access to AirUWS.

**Alternative Browsers.** Alternative browsers (e.g. Firefox) are not supported, but should work. The browser should always be set to **Auto-detect Proxy Settings**.

More information is available at <http://www.uws.edu.au/wireless>.



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Phone:	02 9852 5111 (ext 5111)
Email:	<a href="mailto:itservicedesk@uws.edu.au">itservicedesk@uws.edu.au</a>
Web:	<a href="http://www.uws.edu.au/itservicedesk">http://www.uws.edu.au/itservicedesk</a>
Self Service job logging:	<a href="http://itsm.uws.edu.au">http://itsm.uws.edu.au</a>
UWS IT Services Catalogue:	<a href="http://www.uws.edu.au/its">http://www.uws.edu.au/its</a>
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