

# Helpsheet:

## Setting up your own PC (Windows XP) for Deakin network access

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This helpsheet provides an overview on the options available for students and staff when using their own workstation on a Deakin campus, and can be used in conjunction with the *Personal computers @ Deakin* helpsheet.

This helpsheet also contains information on how to set up and use a wired (cable) connection when on-campus.

### Your connection choices when on a Deakin campus

<i>to connect using...</i>	<i>and...</i>	<i>this documentation is for you...</i>
Wired (cable) connection	Deakin's network	<i>Wired networking @ Deakin</i> user guide This helpsheet
Wireless	Deakin's network	<i>Wireless networking and DeakinSecure – Windows XP</i> helpsheet <i>Wireless networking @ Deakin (Windows)</i> user guide
Wireless	Eduroam	<i>Wireless networking and eduroam (Windows)</i> helpsheet
Your room in the residences	Deakin's network	Documentation listed above for your connection type, plus <i>Personal computers in residences</i> helpsheet

The *Personal computers @ Deakin* helpsheet also contains useful information, regardless of your connection method.

This documentation, along with a range of others produced by ITSD, is available from the ITSD Publications website located at [www.deakin.edu.au/its/publications](http://www.deakin.edu.au/its/publications)

### Setting up a wired (cable) connection

There are several steps involved in setting up your own computer for use with the wired network on campus at Deakin.

#### You will need to provide

A personal computer (laptop or desktop) and a network card and cable (ethernet card and Cat5 cable with RJ45 sockets—male/male connections) or USB network device.

You need to have installed your operating system and software applications, and bring your operating system CDs with you the first time in case they're needed.

You may need to configure a network connection, configure TCP/IP and you may need to name your workstation if it doesn't already have a meaningful computer name.

## ***Connecting via your network device***

Insert one end of the network cable into your computer's network port (usually located on the back of your computer, but may also be on the side for some laptops) or USB device, and the other end into a wall socket (looks similar to the socket on the back of your computer). Turn on your computer.

With Windows XP installed, most of your network/TCP/IP settings will be automatically set up when you first connect to the Deakin network. You may still need to rename your workstation though – go to the *Identify your workstation on the network* section, to find out how.

## **Configure a network connection**

1. Open up your network connections by selecting **Start > Connect to > Show all connections**
2. Highlight the highest numbered entry for **Local Area Connection** and right-click on it. Then select **Properties**.
3. Ensure that the following Network components are installed (ticked)—**Client for Microsoft Networks**; an **ethernet adaptor type** (the name will vary according to the network card brand/type you have installed); **TCP/IP protocol**; **File and Printer Sharing for Microsoft Networks**.

Click on the **Install** button to add if needed.

## **Configure TCP/IP**

1. Check and/or change the TCP/IP settings. Click once on the **TCP/IP** entry, and then click on the **Properties** button.
2. Check to see that the following settings are correct -
  - Select **Obtain an IP address** automatically.
  - Select **Obtain DNS server address** automatically.
3. Find the **DNS** tab, click it and make sure that there are no entries showing in the **DNS Server Addresses** box.
4. Find the **WINS** tab, click on it and make sure that **Use DHCP** is checked.
5. Click on the **Options** tab, highlight **TCP/IP filtering** and click the **Properties** tab. Ensure that **all adaptors for TCP/IP Filters** are checked (selected). Save your changes.

## ***Identify your workstation on the network***

1. Right click on **My Computer**.
2. Select **Properties** and then the **Computer Name** tab.

If you do not already have a meaningful computer name, your computer description should be created using the following guidelines -

username's computer (in the **computer description** field – use your Deakin username)

Your **computer name** should be <username\_01> - use your Deakin username).

The Workgroup is always <Deakin>.

You may be prompted to restart your computer after this and you may also need to insert your operating system CD. That is the end of configuring your computer. This should not have to be done again unless you use your computer on another network that requires different settings.

## **Reconfigure your web browser**

Your web browser settings need to be altered for use with Deakin's network.

Note that you will need to change your browser back to your ISP settings once you are off campus so it's a good idea to write down your current settings so you know what to put back again.

Refer to the *Configuring Firefox for Deakin use* helpsheet, available from the ITSD Publications website at [www.deakin.edu.au/its/publications](http://www.deakin.edu.au/its/publications) for instructions on configuring Firefox for use on the Deakin network.

If you use a different browser refer to your online manual for instructions – search on 'proxy'.

## **Email on campus**

The University supported email package for students is Webmail, which is accessed from <[www.deakin.edu.au/webmail/](http://www.deakin.edu.au/webmail/)> - see the *Using email @ Deakin* helpsheet for further details.

Staff should also use Webmail when not using their office workstation for work purposes.

## **When connected to the Deakin network**

You can get access to Deakin's network and the internet. You can mount your home directory and access your work from there.

You can run your own software applications.

You *cannot* run software that is installed in computer laboratories, or print to an ITSD printer.

## **Where to get help**

Obtain a copy of the *Personal Computers @ Deakin* helpsheet from the ITSD Publications website at <[www.deakin.edu.au/its/publications](http://www.deakin.edu.au/its/publications)>.

See also the *Mapping a Network Drive* helpsheet for your operating system, to find out how to access your home directory area.

If you still need help, contact the IT Service Desk for assistance.