DIAL-UP ACCESS

to

FLINDERS UNIVERSITY NETWORK SERVICES

New Modem Pool
Nos beginning with 8468

Dial-up for Open Transport/PPP

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Pre-requisite knowledge and skills

Please note it is intended that users of this manual must have reasonable knowledge and understanding of the operating system of their computer and use of the Internet, as well as appropriate navigation skills for using a mouse.
Dial-up Access to Flinders University Network Services

INTRODUCTION

Flinders University offers dial-up access to its computer networks for academic staff and postgraduate research students. The access is via telephone lines connected to a group of modems which handle speeds up to 56,700bps.

To use this facility you will need to have your own computer, a modem and a telephone line. The dial-up lines are protected against casual or illegal use by a security system that requires you to have a username and password to gain access to the network. This is quite separate from any login account and password you may have on any other computer systems, and you will need to apply for access and establish your credentials before a username will be allocated. Application forms are available from the central computer room on the ground floor of Physical Sciences or by ringing extension 12688 and asking for one to be sent out by mail.

The modem pool supports PPP (Point-to-Point) protocol which is in common use by all Internet service providers.

After establishing a dial-up connection refer to the document "Where to Go From Here".
SECTION 1
PPP ACCESS FOR THE MACINTOSH

INTRODUCTION TO THE DIAL-UP PROCEDURES FOR THE MACINTOSH

Dial-up software and procedures for the Macintosh have evolved from third party products to Apple’s own integrated software. With each release Apple software has included more features and (in most cases) improved on its ease of configuration and use.

The Macintosh portion of the manual includes instructions for the setup of Free PPP which can be used on machines not running Open Transport, usually Macs using 7.5.1 and earlier.

The section of the manual named Dial-up for Open Transport/PPP is, as its name suggests, for machines using Open Transport. The combined OT/PPP software was released with System 7.6 and is recommended for use with machines running it up to and including System 8.1.

The Internet Assistant was released with System 8 and has been included with each release since. It provides an easier alternative to the dial-up setup procedure. Notes on its configuration are provided in the manual.

Users of System 8.5 and above can use the built-in Internet Assistant when configuring dial-up or it can be setup manually, you will notice a few changes with the upgrade and a few handy features as well. For one thing it has been renamed Remote Access. Gone is the PPP Control Panel and in its place is the Remote Access Control Panel. The new version of Remote Access also places a Control Strip Item in your control strip making access to dialling much easier.

We hope that you find this manual is helpful.
IMPORTANT BACKGROUND INFORMATION FOR MACINTOSH USERS

To utilise PPP dial-up access the user must also install and configure either MacTCP or TCP/IP. Both procedures are detailed below.

TCP/IP has become the preferred option and is pre-installed with later versions of the Operating System. If you do not have the TCP/IP control panel you can purchase MacTCP (this being Apple proprietary software) through your local Apple supplier, or if you have a Macintosh on your desk at Flinders you may use your work copy on a home machine (as part of the University licence agreement). You will find it within the Control Panel Folder of your System Folder (for reliability make sure you have version 2.06 or later).

If you are still unsure about what you require to establish a dial-up link please see the Introduction on page 1.
Dial Up for Open Transport/PPP

This manual is for use with Apple Macintosh computers running Open Transport (7.51 and above usually). You will notice that the Network control panel is missing as well as the Mac TCP control panel. In its place is the control panels AppleTalk and TCP/IP along with a new one named PPP.

In this short manual we will setup our TCP/IP settings for use over the Internet and configure our PPP control panel to dial into the university.

First thing to do is to setup our TCP/IP settings.

1. Scroll down the Apple menu to Control Panels and open TCP/IP
2. Fill in as shown in the picture, then close and save.
3. In your Control Panels open PPP
4. Select it and fill in your details from the form you were given and the appropriate phone number.

Select **connect** and that is it.