DIAL-UP ACCESS

to

FLINDERS UNIVERSITY

NETWORK SERVICES

New Modem Pool
Nos beginning with 8468

Remote Access for the Macintosh using System 8.5x

Revised version: July 2000
Copyright

All contents copyright. Apart from any use as permitted under the Copyright Act, no part may be reproduced by any process without prior permission of the publisher, Computing Services Department, Information Services Division, Flinders University of South Australia.

Disclaimer

Network technology and software is changing continuously, and these notes may well be out of date by the time they are read. In view of this, whilst every reasonable effort has been made to provide accurate and reliable information, it is difficult to give any guarantee of accuracy with the passage of time.

The publisher assumes no responsibility for errors or omissions, or damages resulting from the use of the information contained therein.

It is acknowledged that product names referred to in this book are trade names or trade marks. Their mention herein is not a guarantee of performance, suitability, or reliability for the purpose intended.

Production details

The technical content of this publication has been prepared by Lee Brimble, Sue McKelvie, Al White, and Kane Ploenges, and design and layout by Sandra Tarrant. Contributions by other staff is also acknowledged, particularly Meredith Coyle.
Contents

Introduction .......................................................................................... 1
Introduction to the Dial-up Procedures for the Macintosh............ 2
Important Background Information for Macintosh Users .......... 3
Installing Remote Access Software..................................................... 4
Geoport and Express Modems............................................................ 10

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 document named - "Where to Go From Here" for further instructions.
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 Camtech Adelaide (8303 3320), 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.
Remote Access for the Macintosh using System 8.5x

Before you can connect to a network there are a few things must do and make sure you have.

Make sure your computer has an internal modem or an external modem that has been connected as per the instructions given in its manual.

Make sure the modem is connected to a phone line.

Make sure you have your account details handy, such as your username and password and the phone number of the modem pool.

Make sure you have the 8.5 cd.

Let’s install...

1. Insert the cd into the drive; it should mount and open its window for you automatically. Double click the icon named “Mac OS Install”

2. Click on the "Customize" button
If Mac OS 8.5 is already installed highlight only the two boxes shown here. If you are installing 8.5 for the first time make sure these boxes are highlighted. Note the "Internet Access" installation will install Internet Explorer as the default web browser along with a number of third party utilities. If you prefer to use Netscape Navigator (which we support) as your default browser click and pull down the "Recommended Installation" menu and select "Custom Installation" then make sure Netscape Navigator is checked along with the Alladin Utilities. Click the "start" button and the installation will proceed. Restart when instructed to do so.

3. After restarting, scroll down the Apple menu and select "Control Panels" and open the icon named "Modem"
4. Select your modem type in the pull down menu. The modem script that you had installed earlier will show up here. The other scripts are ones that were installed by default with your OS installation. Make sure your dialing is set to either tone or pulse. Close the control panel.
5. Scroll down the Apple menu to "Control Panels" and open "TCP/IP"
SECTION 1
PPP ACCESS FOR THE MACINTOSH

6. Fill in as shown in the picture, then close and save.

7. Scroll down the Apple menu to "Control Panels" and open "Remote Access"
8. Fill in the phone number that is listed on the info sheet given to you when you received your Flinders modem account. Your user name and password should be entered in the given boxes, then select **Connect.** That’s it.
Geoport and Express Modems

For those using Macs with built in modems or Geoports, you will have to install the Express Modem software that is available from Apple and is on your original CD that came with your computer. Configure as demonstrated here.