



Dialing Into PittNet Using PPP on Your Macintosh OS X

What is PPP?

Point-to-Point Protocol (PPP) is a method for connecting a Macintosh personal computer to PittNet and the Internet using a standard phone line and a modem. The difference between PPP and other older dial-up procedures is that a PPP setup will establish a direct Internet connection that allows the Mac to use TCP/IP (Internet-based) applications as if it had its own direct Internet port instead of just a phone jack. Communication programs such as Telnet, FTP and EudoraMail, as well as the Netscape Web browser, will all run from a Macintosh with a good PPP connection. The University of Pittsburgh offers PPP communication to its computing community through all available dial-up lines.

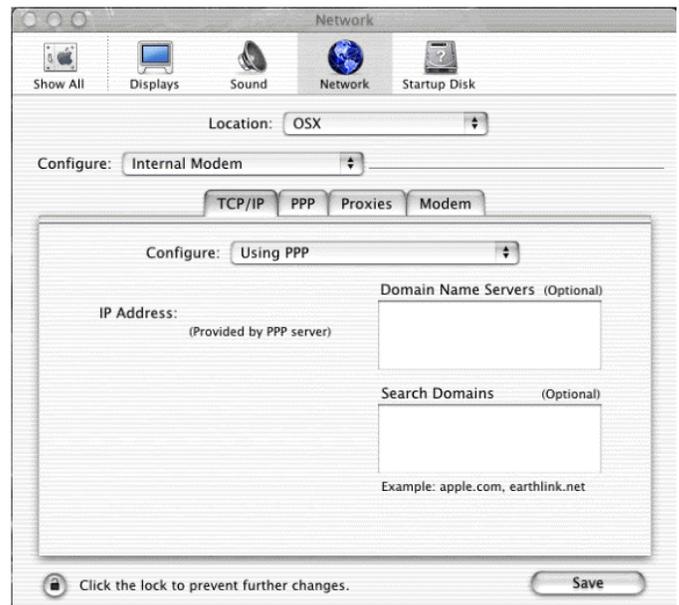
In order to use PPP, however, your Macintosh must have the proper communication software configured for PPP.

Configuring Your Dial-Up Networking for the Pitt Environment

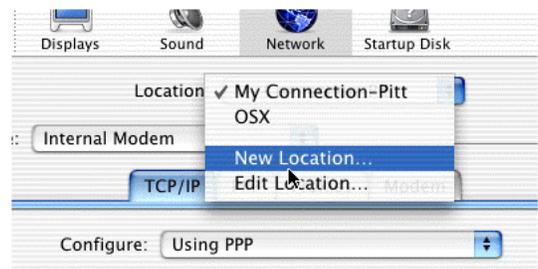
1. Select the **System Preferences** box from the **Dock** or click the **Apple Menu Bar** at the top left hand corner of the screen and choose **System Preferences**. The System Preferences window appears.



2. Click the **Network** icon. The **Network** window appears.



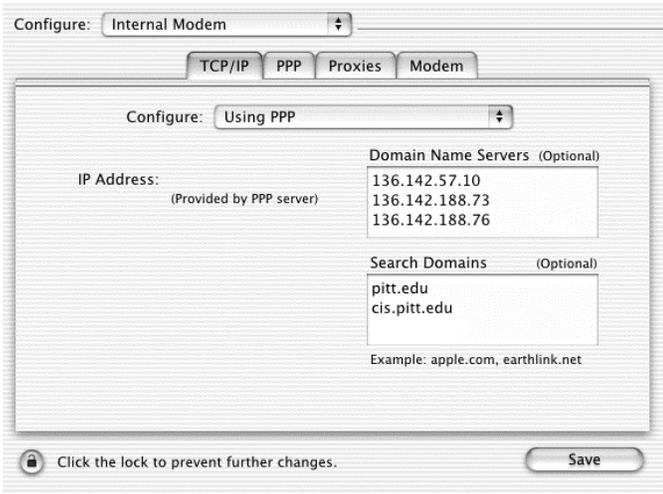
3. Choose **New Location...** from the **Location** drop-down list.
4. Enter a name for your location in the “Name for your new location:” box and click **OK**.



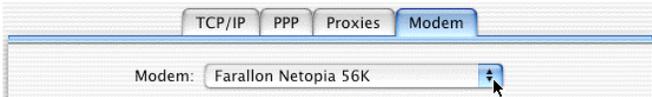
5. Select **Internal Modem** from the **Configure:** drop-down list.
6. Select the **TCP/IP** tab.

7. Choose **Using PPP** from the **Configure:** drop-down list in the TCP/IP window.
8. Enter the following numbers in the Domain Name Server field:
 - a. 136.142.57.10
 - b. 136.142.188.73
 - c. 136.142.188.76

NOTE: Enter the numbers in the exact order that they appear.



NOTE: If you are using a third-party or external modem, click the **Modem** tab and select a modem from the drop-down menu next to the **Modem:** field.

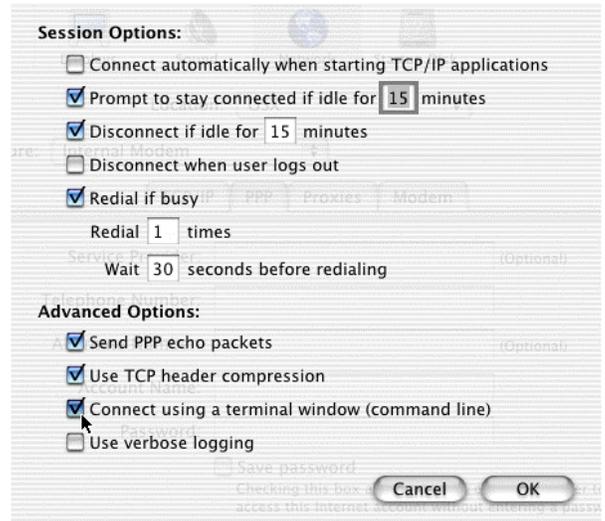


9. Enter the following domains in the **Search Domains** field.
 - a. pitt.edu
 - b. cis.pitt.edu

NOTE: Enter the Domains in the exact order that they appear.

10. Select the **PPP** tab and click the **PPP Options** button at the bottom of the window.

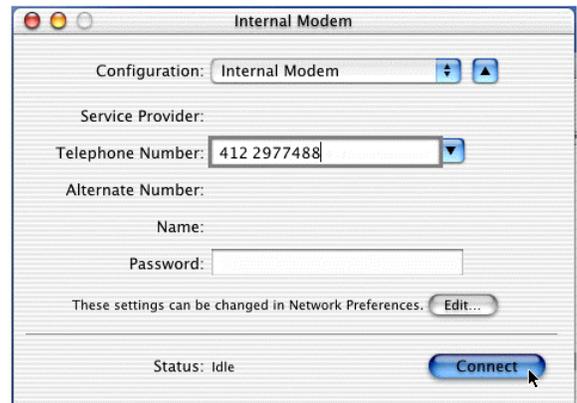
11. Make sure the Connect using a terminal window (command line) is check marked.



12. Return to the **TCP/IP** tab and click the **Save** button at the bottom right-hand corner of the window.

Dialing In and Making Your PPP Connection

1. Click the **Applications** folder on your Hard Drive.
2. Double click the **Internet Connection** icon or click it from the Dock. The **Internal Modem** window appears.



3. Enter one of the dial-up numbers below and click the **Connect** button.

NOTE: You do NOT need to fill in the **Username** and **Password** fields at this time.

The dial-up number for the Pittsburgh campus is (412) 297-PITT (7488). If you wish to dial into a regional campus, use one of the following numbers:

Bradford campus	(814) 362-7597
Greensburg campus	(724) 836-9997
Johnstown campus	(814) 269-7950
Titusville campus	(814) 827-4486

NOTE: You will not hear the modem dialing no matter what settings are chosen.

4. Enter your **username** and **password** in the terminal window that appears.
5. At the **Local>** prompt type **ppp** and press **ENTER**. If the terminal window does not disappear, click the **Continue** button. The **Internal Modem** window changes to show your connection status.



Disconnecting

In order to disconnect from your established Internet connection, click the **Disconnect** button at the bottom of the **Internal Modem** window.

If you closed the Internal Modem window, you will still be connected to the Internet. Select **New Connection** from the **File** menu of the **Internet Connect** program. Your **Internal Modem** window appears again, and you can click **Disconnect**.

Getting Help

For software usage or PPP setup questions, contact the **Help Desk** at (412) 624-HELP [4357] or via the Web at <http://technology.pitt.edu>.

The Help Desk is available 24 hours a day, seven days a week. The consulting staff is familiar with this procedure and most of the popular Internet utilities.