

The Mac 512 User Group Newsletter



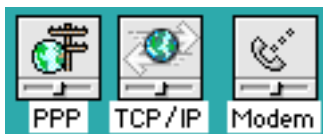
Inspired by the Original Macintosh, for all Macintosh lovers.

An old Mac surfing the Internet

When my iMac went into the shop to get a boo-boo fixed I was wondering how was I going to get my e-mail. With the creation of The Mac 512 User Group I received more e-mail than ever before. I was not sure how much my ISP account would hold for me, plus they also were not sure. I had to get my trusty Macintosh Color Classic or Macintosh Performa 640CD DOS Compatible on the Internet! This is what I did to get it working.

As I have my Color Classic upstairs by my iMac (see "A Macintosh Slave" for more on this relationship) It would have been less hassle to get this Mac on the internet. First I decided what I wanted to do with this Mac:

- Outlook Express 4.5 for e-mail
- Internet Explorer 4.0 for browsing
- System 7.x as my OS
- Use my existing 56K modem



The three Control Panels which control your Internet connection

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Did you know?

In 1987, when asked if they would purchase a color printer or plotter in the next year.

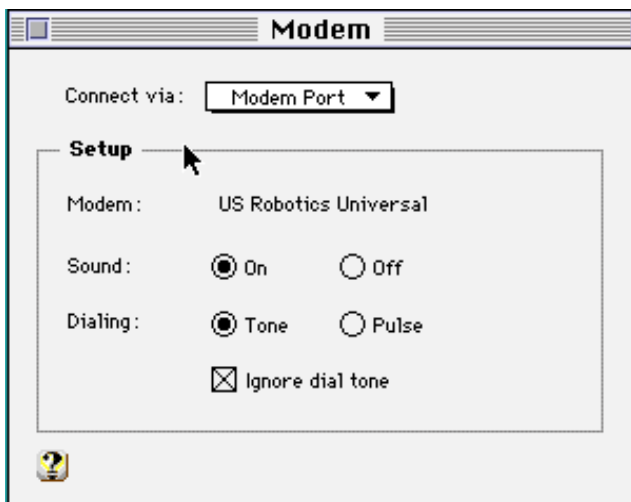
48% - Yes
37.7% - Probably not
14.3% - No

Microsoft had to update Microsoft Works so it would work correctly with the Mac II and AppleShare! This new version was 1.1. They charged \$25 as an upgrade even though no new features were added.

An old Mac surfing the Internet Continued

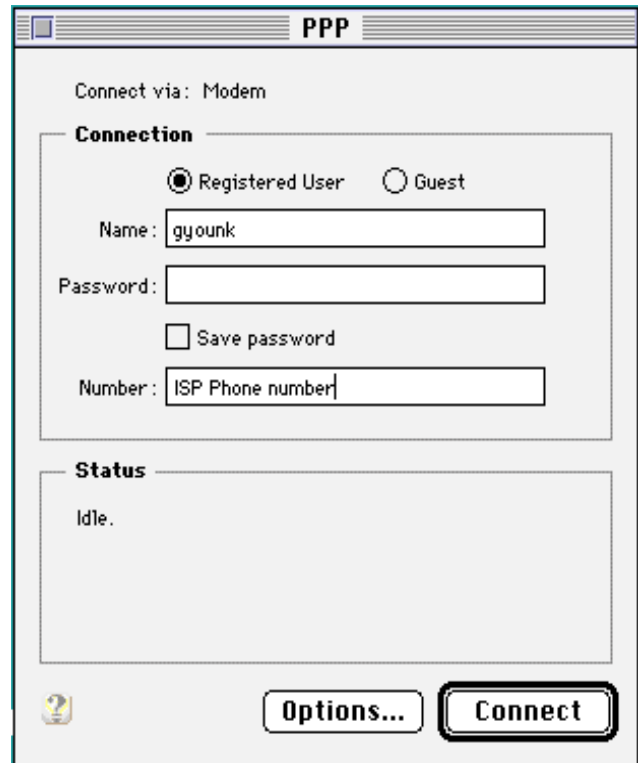
I wanted to use System 7.1 for memory considerations, however I had problems setting up Mac TCP & ConfigPPP. I tried installing the MacTCP and PPP from Mac OS 7.6.1 with no luck. I loaded up Mac OS 7.6.1 and finally it dialed out. My problems were still not over. What I found out is my ISP had a problem with the older Ma. My Color Classic received a “Dead Link” while using Mac OS 7.6.1! My ISP was no help, they mentioned the slower processor, I was not sure.

As I still had my Pre-iMac Mac around (I never throw out an old Mac!) I loaded Mac OS 7.6.1 on it and it connected on its first try. The main difference is the Performa 640CD’s 68LC040 and the Color Classic’s 68030. For kicks I



The Modem Control Panel

Just select which modem you have hooked to your Mac, on what port. I usually find better results with the “Ignore dial tone” On.

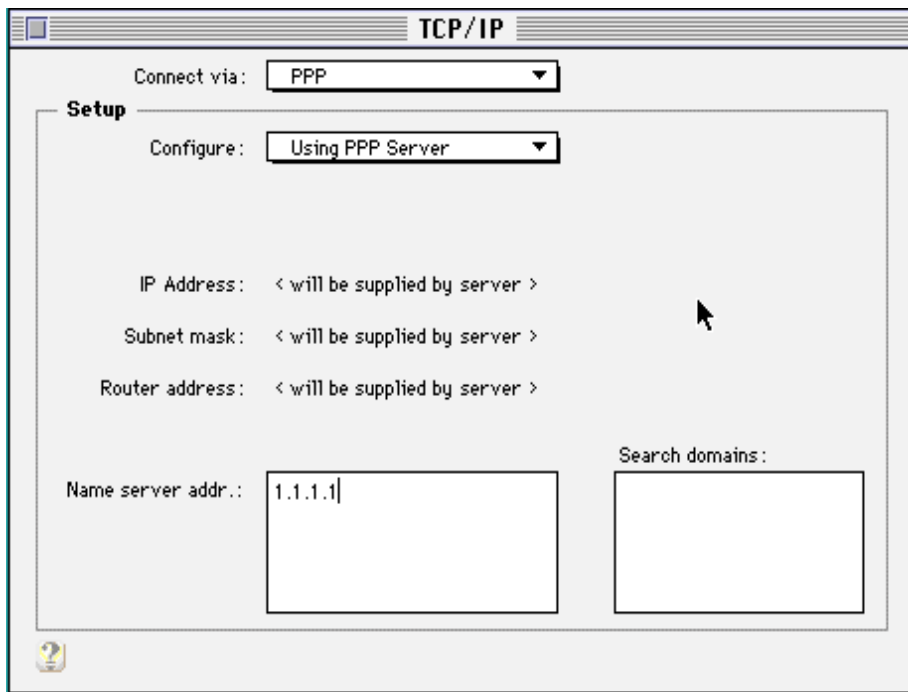


The PPP Control Panel filled out

hooked up my Macintosh Plus with a 9600 baud modem and it would also receive the “Dead Link”. I do believe my ISP has something in their environment where my older Macs will not connect if they have any processor before an ‘040 type.

I was on my way. My 32MB Performa 640CD was rocking with Mac OS 7.6.1, Outlook Express 4.0 and Internet Explorer 4.0. I could not find a pre-PPC version of OE 4.5, 4.0 is still compatible with 4.5. This is much slower than my iMac, but I could not do limited surfing and get all of my e-mail. The important thing is the older Macs can still get on the Internet. My ISP prevents me from which models I can use, your might not.

It won’t hurt to try...



My ISP wanted me to choose “using PPP Server” with the Server supplying the IP network information

Some great resources on the web to help you get your old Macintosh on the web!

Resources for the Older Macintosh - <http://w3.trib.com/~dwood/oldmac.html>

AirMouse's Classic Mac Workshop - http://www.sover.net/~jams/Classic_Mac_Workshop/

Jag's House - <http://www.eden.com/~arena/jagshouse/classic.html>

A Macintosh Slave

Do you really care if your older Macintosh and your brand new iMac, Power Mac G3 or Power Mac G4 cannot share floppies? Why should you have to purchase a USB floppy drive for \$80? My opinion is to save that money and make your old Mac a slave to your new Mac!

Since 1998 my older Macs have been the extension to my new iMac. Filling in the gaps the new Macs create. I will give you the knowledge how you can do the same. Why discard your old Mac for new peripherals? Show your old Mac you still love it and want it around.

A Macintosh Slave Continued

What this will add to your new Macintosh-

- A floppy drive
- SCSI devices
- Backup capability
- Using an older serial Printer

What will you need?

- A copy of Timbuktu Pro (optional)
- Ethernet adapter (card or SCSI add-on) for the old Macintosh
- Ethernet cables and hub or a crossover Ethernet cable

Ok lets get going!

Hardware

This first step is to plan what you want to do with your new Mac that you cannot do now. See where the new Mac fails where the old Mac prevails. In my case I wanted to use the Zip drive, StyleWriter printer and SCSI scanner. Plus give access to floppy disks to the iMac. I started with my Performa 640CD DOS compatible. I purchased an Ethernet card for the Communications Slot in the Performa line. Purchased a 10BaseT hub and cables. I could of purchased just a crossover cable by passing on the price of the hub, however I wanted expansion capability for other Macs.

I shopped around for my Ethernet card and settled on one made by Sonic Systems. Sonic's Ethernet card included a software bridge! When my Performa 640CD was on, any older

Mac could access my iMac **through** the Performa. The downside was if the Performa 640CD was off, so was my link.


Later on I added a Sonic Systems hardware bridge so my older Macs on LocalTalk could access my iMac directly (I paid \$18 on eBay).

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Quick and easy File Sharing

- Open the Chooser and turn AppleTalk to Active

AppleTalk Active
 Inactive

- Go to the Control Panel, open AppleTalk  and select the port: Printer, Modem or Ethernet (if you don't have a AppleTalk control panel skip this step)

- Then open Sharing Setup (File Sharing in System 8.x)



and enter the owner, password (if you want), Macintosh Name and click on the File Sharing Start button.

To add users-

- Go to the control panel and open up Users & Groups



- Select the File menu and choose New User, change the New User name.

- Double click on the new user and select what you want.

From AppleTalk-ing section in The Mac 512
<http://www.athenet.net/~gyounk/filesvr.htm>

A Macintosh Slave Continued

Software

Once my hardware was setup I started with the software. With Mac OS setting up the software to start file sharing is easy (in my humble opinion). See “Quick and easy File Sharing”. Printer sharing is also easy, see “Quick and easy Printer Sharing”.

The next part is to test what we have right now and make sure your iMac can access the files you set up to be shared and print to the shared printer. When I purchased my iMac back on 8/15/1998 not many USB devices were ready yet. No USB to Serial or SCSI adapters were planned to ship. Ok, back to the program...

Any volume you place in your removable hard drive (aka. Zip, Jazz, Syquest) should be available. One note, the Mac OS sometimes has problems un-mounting them once they have been shared, the work around is to reboot your Mac. This will eject the disk and allow you to place in another.

Remote Control

Floppy disks are not sharable. If yours show up great! Mine did not and I used Timbuktu Pro to get around this. Purchase a 2-pack and place on copy on the iMac and the other on the older Mac. Make sure the version of Timbuktu Pro can run on the older Mac's processor and System Software or Mac OS.

Another benefit or remote control is any older application you have that will not run on your

Quick and easy Printer Sharing

- Open the Chooser and turn AppleTalk to Active

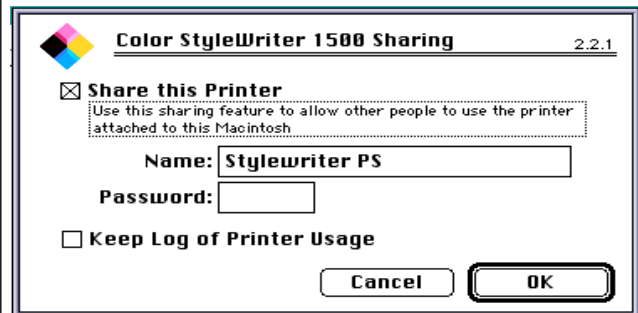
AppleTalk Active
 Inactive

- Select the printer you want to share (it has to be connected directly to the Macintosh) -



I picked the Color StyleWriter 1500

- Select if you want Background Printing on or off, then click on the Setup button.
- Click on the Share this Printer setting and give the printer a name. Below I called it Stylewriter PS, the PS will let me know this is on a Print Server instead of my local Macintosh.

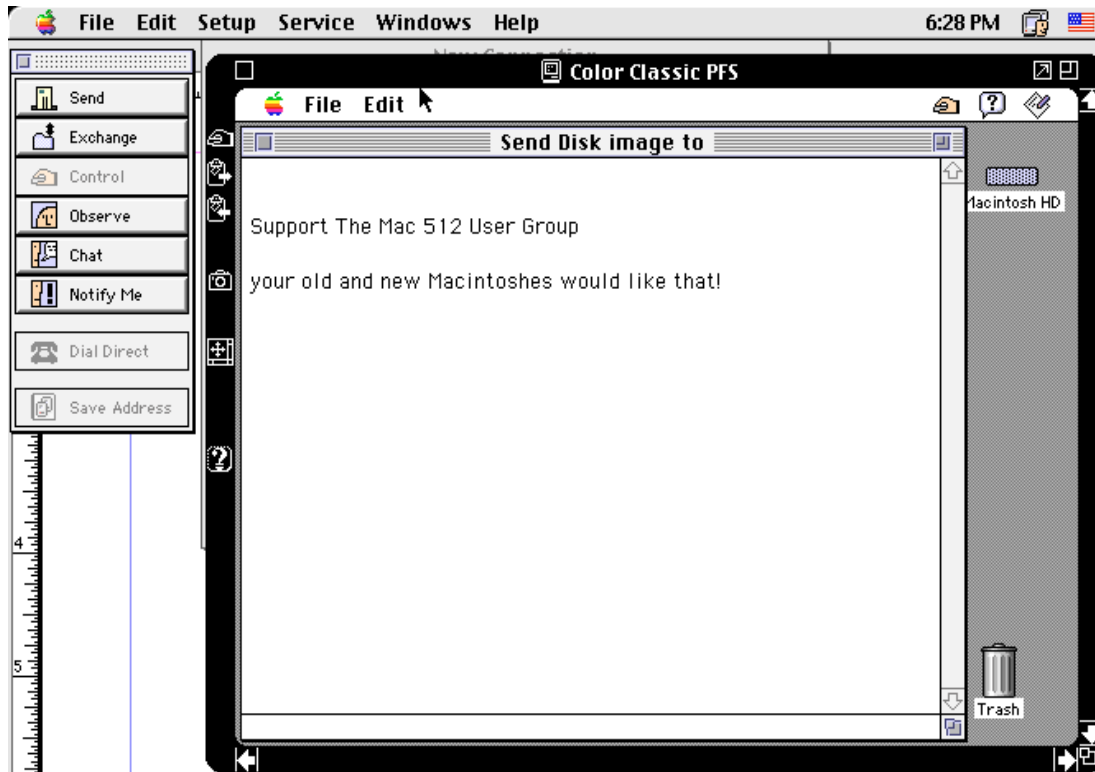


- If you want to see who is printing to your printer, select the Keep Log of Printer Usage.
- Click on the Ok button.

From AppleTalk-ing section in The Mac 512
<http://www.athenet.net/~gyoung/printsrvr.htm>

new Mac should still work on the older Mac. You have a window up with it as if you were at the old Mac's monitor. This eliminates the compatibility issue altogether! The only side

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Remote control at work - Timbuktu Pro

A Macintosh Slave Continued

effect is the slower processor will not run the application at the new speeds of the new Mac.

Sharing a Scanner

Some scanners have software which will let the scanner to be accessed by a network. My Umax scanner did. Once setup I can place the document on the scanner's glass and scan from the new iMac. This works slick. I will not go over the details as each manufacturer has different setup instructions. I will let you know it works!

Backup

Once your file server is in place, use the chooser to save all of your data or apps you need backed up.

The Mac 512 User Group Newsletter

The Mac 512 User Group Newsletter is written and produced by G. Younk. Its intent is to share ideas and some history to people interested in older Macintoshes.

Any reproduction of this newsletter must first get permission from G.Younk.

Published roughly bi-monthly.

We encourage comments . Thank you!

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The Mac 512 User Group Web Site:
<http://www.athenet.net/~gyounk/uginfo.htm>