



# Tech Info Library

## Open Transport 1.0.6: MacPPP 2.2.0 & SLIP/PPP Products (10/95)

Revised: 2/13/96  
Security: Everyone

Open Transport 1.0.6: MacPPP 2.2.0 & SLIP/PPP Products (10/95)

=====  
Article Created: 24 August 1995  
Article Reviewed/Updated: 5 October 1995

### TOPIC -----

I've installed MacPPP 2.2.0 on my Power Macintosh which came with Open Transport 1.0.6 installed, but MacPPP 2.2.0 does not work. Are there other SLIP or PPP products that work with Open Transport 1.0.6? If there are products, please provide a list of those that do work.

### DISCUSSION -----

Open Transport 1.0.7 supports the following MacTCP Link Access Modules (mdevs), with these known caveats.

#### InterSLIP -----

Version 1.0.1 is not compatible with Open Transport, you need a later version. InterCon should be contacted directly.

#### InterPPP -----

Use version 1.2.9 or more recent; may crash when receiving a large graphic file via HTML readers.

#### InterPPP II -----

Use the most current version.

#### MacSLIP -----

Use version 2.0.6 or more recent. "Connect at System Startup" does not work.

#### MacPPP -----

Use version 2.1.1SD or 2.1.2SD. The MacPPP "Open" button does not work; open a

connection by opening a TCP/IP application. Due to technical differences between the Open Transport and "classic" networking architectures, existing mdevs used with Open Transport cannot auto-dial, that is, automatically connect to the service provider when launching a TCP/IP application; manual connections are supported. Once a TCP/IP application launches and uses a SLIP or PPP mdev, use of a different SLIP or PPP mdev requires restarting the Macintosh. Power Macintosh 9500 users are strongly encouraged to update older versions of Open Transport to v1.0.7 for improved compatibility. Apple is working with developers to better support existing mdevs. Contact the third party developer of interest for the most recent information on compatibility.

#### FreePPP

-----

Is a derivative of MacPPP 2.0.1 which provides enhanced support for Open Transport. FreePPP is not an official Merit release, and its name has been changed to avoid confusion with all MacPPP derivatives. It requires System 7.1 or later and a Macintosh that supports Color QuickDraw.

Due to technical differences between the Open Transport and "classic" networking architectures, existing mdevs used with Open Transport cannot auto-dial, that is, automatically connect to the service provider when launching a TCP/IP application; manual connections are supported. Once a TCP/IP application launches and uses a SLIP or PPP mdev, use of a different SLIP or PPP mdev requires restarting the Macintosh.

Power Macintosh 9500 users are strongly encouraged to update older versions of Open Transport to v1.0.6 for improved compatibility. Apple is working with developers to better support existing mdevs. Contact the third-party developer of interest for the most recent information on compatibility.

Applying the Open Transport 1.0.6 to 1.0.7 patch changes this information somewhat. With MacPPP 2.1.2SD, it is now possible to use the "Open" button to start a connection. MacPPP 2.1.2SD is the version we recommend using at this time. We do not recommend using any of the MacPPP 2.2.0x versions.

Here is an excerpt from the "Open Tpt 1.0.7 Patch Read Me":

- SLIP/PPP Configuration Change

When using SLIP or PPP over Open Transport 1.0.7, either with Manual or BOOTP configuration mode, you are no longer required to configure a Router address or a Subnet Mask. When these are not manually configured, they will be generated automatically based on the IP address assigned by the SLIP/PPP server or by the BOOTP server.

In general, it is recommended that these fields be left blank when using SLIP or PPP unless your network manager has specified otherwise. If you do manually configure these items, you must enter a Subnet Mask that places your Router's IP address and your own assigned IP address on the same subnet. If these two addresses are on different subnets, you won't be able to send data to remote hosts.

- Improved SLIP/PPP Performance

SLIP/PPP throughput performance has been improved by changing the interrupt level at which inbound SLIP/PPP data is processed.

- Networks with more than 256 Zones

The TCP/IP control panel now works correctly with networks having more than 256 zones. Previous versions of the control panel sometimes crashed when selecting a zone on a network with more than 256 zones.

The Tech Info Library article titled "Locating Vendor Information" can help you search for a particular vendor's address and phone number.

These articles can help you locate the Open Transport 1.0.6 to 1.0.7 patch mentioned in this article:

- "Where To Find Apple Software Updates" -- Lists online services for free Apple software updates.
- "Obtaining Apple Product Support in the USA" -- Lists 800 numbers and online services for software updates, Apple support information, and a subset of the Apple Tech Info Library.

Article Change History:

05 Oct 1995 - Updated article with new information, and added FreePPP.

Support Information Services

Copyright 1995, Apple Computer, Inc.

Tech Info Library Article Number:18467