TCP/IP: Available TCP/IP-Based Macintosh Applications (12/95)

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TOPIC --

Here is a summary of TCP/IP-based applications available for Macintosh.

DISCUSSION ---

For more information on a third-party vendor's applications, contact the vendor
directly. The Tech Info Library article titled "Locating Vendor Information" can
help you search for a particular vendor's address and phone number.

Novell, Inc.

LAN WorkPlace for Macintosh provides Apple Macintosh users access to a broad
range of hosts, servers, and workgroups on an Ethernet network. The components
that make up LAN WorkPlace include:

• Telnet, which provides VT220, VT100 terminal emulation.
• FTP, for transferring files between hosts.
• Novell TCP/IP (or optionally MacTCP), the underlying transport layer.
• NetStat, a desk accessory for displaying network statistics.

Using the familiar Macintosh interface, users can access resources on an
industry-standard TCP/IP network, including PCs, VAX minicomputers, IBM
mainframes, UNIX workstations, and host-connected peripherals such as printers
and plotters.

White Pine Software

White Pine Software Inc. offers a family of TCP/IP-based VT300 terminal-
emulation and other applications for Macintosh.

The programs let Macintosh computers log on to VAX and UNIX computers to run
text and graphics applications designed for DEC and compatible terminals.

Software Ventures Corporation

The MicroPhone communications software comes with a comprehensive set of tools
for quick and easy TCP/IP access. Targeted to users of TCP/IP-based networks,
such as the worldwide Internet. It feature new multisession communications

capability, an improved scripting language and editor, new terminal emulation and new transfer protocols.

The Wollongong Group Inc.

Pathway Access for the Macintosh is a multiplatform graphical front end to TCP/IP services. With PathWay Access, users can transfer files between the Macintosh and any other computer that supports the open standard TCP/IP protocols. PathWay Access includes terminal emulations for DEC VT100, VT220, VT240, VT320, VT330 and VT340 terminals, as well as IBM 3278 Model 2, 3, 4 and 5 mainframe terminals.

Intercon

TCP Connect II is an integrated application that offers users the tools needed to become true hosts on a TCP/IP network. Using standards-based protocols, TCP/Connect II provides the user with a Macintosh interface to the most commonly used features of heterogeneous TCP/IP computing networks.

NFS/Share is a solution for Macintosh users wanting to take advantage of distributed file sharing within a multivendor environment.

NetShark is a next generation Internet application. NetShark includes a World-Wide Web browser and Email client. Both are designed to maximize function and performance letting you switch back and forth between web and mail.

InterServer Publisher is software that supports Web, FTP, and Gopher server functionality. The Web server includes support for forms and multiple connections. The FTP server supports different levels of access, from secure to anonymous. The Gopher server is background-friendly and self-configuring to let users quickly make information available on the Internet.

InterPrint will let Macintosh computers choose a UNIX PostScript printer on a TCP/IP network from the Chooser.

InterPPP II Lite is a standards-based solution that implements PPP according to published Requests for Comment (RFCs). Developed by the IETF, in cooperation with network vendors, PPP is a documented standard for connecting workstations to networks that is being deployed by many router and terminal server vendors as the standard solution for dial-in network access.

Planet X is an X Window System client for Macintosh computers. Any X Window System server, such as a Sun, Digital, HP, IBM workstation, X terminal, or even another Macintosh running an X server such as MacX can utilize the power of Planet X. The X server display shows exactly what is seen on the Macintosh screen, and the X server keyboard and mouse can be used to control the remote Macintosh.

UUCP/Connect provides a complete environment for reading electronic mail and USENET news via the UUCP protocol. Using Apple's Communications Toolbox, UUCP/Connect can be used over straight serial links, modems, AppleTalk, TCP/IP, ISDN, X.25, and more. It works with a number of common UUCP services, such as the service provided by Performance Systems International.

WatchTower is designed with network managers in mind, using the power and availability of the SNMP (Simple Network Management Protocol) standard combined with the Apple Macintosh to gain control over your network.

Advanced Software Concepts

TCPack provides all the necessary basic TCP/IP connectivity options. Advanced Software Concepts' products are Comm ToolBox tools which allow IBM terminal sessions and general telnet TCP/IP connectivity via a standard terminal emulator. There's no need to learn a new program. You just drop the tools in the System Folder, and start up a Comm ToolBox compatible terminal program. TCPack supports telnet and FTP (client and server) protocols.

Walker Richer & Quinn, Inc.

Reflection connectivity software gives Mac OS users the easiest possible access to host applications and data. A simple point-and-click of the mouse leads to a whole new world of information -- and dramatic improvements in productivity:

- Host connections are quick, simple, and reliable.
- Power Macintosh acceleration helps get the job done in record time.
- Routine tasks are easily automated with WRQ's powerful command language and support for Apple events and AppleScript.

Terminal emulations:

- HP 700/98, 700/96, 700/94, 700/92, 2392A, 2393A, and 2623A
- VT420, VT320, VT220, VT102, and VT52
- VT340 with ReGIS and sixel graphics, 330, 241, 240, and Tektronix 4010/4014

Specialized features: Full Macintosh functionality with Power Macintosh acceleration, Apple events support, multiple-session capability, fast drag-and-drop file transfer, keyboard mapping, extensive scriptability, and feature control tools.

Synergy Software

The VersaTerm family of applications (VersaTerm, VersaTerm-PRO, VersaTilities) provide high quality terminal emulations, TCP/IP network connections (including SLIP), and a graphical interface for exchanging information over the Internet.

Xinet

Xinet develops and markets Unix/Macintosh connectivity products. They specialize in client/server solutions that let Macintosh and Unix systems work together efficiently and reliably. Xinet products include:

- FullPress: integrated OPI (Open Pre-press Interface) server software for prepress production.
- K-AShare: AppleShare file server software for Unix.
- K-Spool: A bi-directional print spooler for Unis and Macintosh.

- K-FS: AppleShare client software for Unix.
- MediaShare: High speed file sharing solution for prepress and media
  production.

AGE Logic, Formerly Pacer Software

AGE Logic is a leader in desktop connectivity software. Specializing in
interoperability and connectivity software, AGE has developed a wide range of
products that facilitate desktop to enterprise connectivity. AGE's family of
high performance X servers are offered under the XoftWare (pronounced zoft'ware)
brand name. A complete line of Macintosh to UNIX connectivity and
interoperability products are offered under the Pacer brand name.

AGE's Macintosh family of UNIX connectivity products includes:

- XoftWare for Mac OS
- PacerTerm
- PacerShare
- PacerPrint
- PacerForum
- AppleTalk Technology
- DAL/ODBC Servers

Information Presentation Technologies, Inc. (IPT)

IPT's solution is based on configurations of Macintosh computers and a central
UNIX database, file, print and mail server. Below are some of the IPT family of
products:

- Canopi: AppleTalk file and print server including OPI.
- LessTalk: Reduces network "chatter" on AppleTalk networks.
- Partner: Allows Unix machines to be AppleTalk clients.
- TurboTalk: Speeds up netwrok transfers.
- uShare: AppleTalk file and print server.

Helios USA

EtherShare is a Macintosh file server for Unix computers running any of the
standard versions of Unix, Digital, AIX RS-6000, Data General, HP, Sun OS and
SGI. It integrates a high-performance file server, a print server handling
PostScript protocols and an AppleTalk Internet router. It also provides terminal
services and access to Unix mail.

Helios OPI is a high-performance desktop
publishing document server and printing enhancement system based on Unix
computers that have been equipped with EtherShare.

Alisa Systems

AlisaMail is an easy-to-use enterprise electronic mail and corporate directory
service integration system designed for demanding messaging environments that
require support for standard and proprietary mail protocols. Based on Sybase
relational database, its distributed architecture and comprehensive directory

service make electronic message integration more reliable and simple to
administer in a large E-mail environment. AlisaMail fully integrates a broad
base of PC, Macintosh, Unix and DEC VAX E-mail systems. By allowing various
hardware and software platforms to seamlessly and transparently exchange
electronic messages, fully editable documents and binary files, AlisaMail
integrates corporate E-mail with Microsoft Mail, Lotus cc:Mail, CE Software
QuickMail, WordPerfect Office, X.400, SMTP and Digital's VMSmail, ALL-In-1 and
Message Router (with access to PROFS, SNADS, PMDF, and so on) mail systems.

Rasmussen Software, Inc.

MacQT (Macintosh Quick Terminal) provides solid terminal emulation for any
Macintosh. It emulates ADDS Viewpoint extended, with line-drawing set,
attributes and function keys (emulated on minimal keyboards). It supports
sizeable text, 80/132-column display, ASCII file transfer, pass-through print
and pass-through PostScript. Host software is provided where necessary for file
transfer.

Public Domain Software

There are several non-commercial (public domain) products that provide telnet
and FTP services for the Macintosh. One of the most popular is NCSA Telnet. NCSA
Telnet offers telnet and FTP (client and server) services to the Macintosh. NCSA
Telnet supports MacTCP.

University of Illinois
Internet: softdev@ncsa.uiuc.edu

For people interested in doing TCP/IP programming, a MacTCP based socket library
is available from the University of Toronto. This is a non-supported public
domain product.

University of Toronto
Internet: milligan@utcs.utronto.ca

The Columbia AppleTalk Package (CAP) is a public domain software package that
offers an AppleShare-compatible file server that can make a UNIX directory
available to Macintosh users via the AppleShare client software. It also offers
bi-directional print services to both the UNIX users and the Macintosh users.
For spooling Macintosh files, CAP uses a UNIX program that behaves as a virtual
LaserWriter, allowing any device that can print to a LaserWriter to use the
spooler.

Available from several archive servers on the Internet.

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