

Overview

MacTerminal® communications software is a desktop terminal emulation and communications application that enables Apple® Macintosh® personal computer users to communicate easily with many host computers such as VAX™ and UNIX® systems.

MacTerminal places a world of information at users' fingertips by enabling them to communicate and exchange data with other computers, and tap into electronic bulletin boards and on-line databases around the world, such as CompuServe, DIALOG, and Dow Jones News Retrieval.

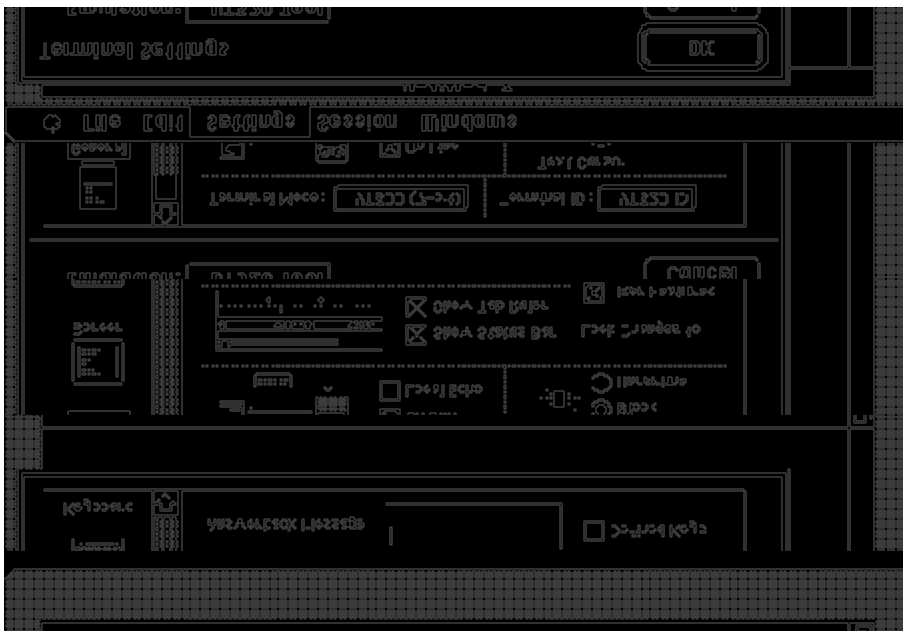
MacTerminal has been completely rewritten based on the Macintosh Communications Toolbox, system software that provides Macintosh applications with standard access to communication capabilities, including data connections, terminal emulations, and file transfer protocols. As a result, specific communications functions—VT102™ terminal emulation, for example—are now provided by communications tools. Each tool supplies a user with a standard setup dialog box much like the standard print dialog box used by many applications.

MacTerminal offers many popular terminal emulation, file transfer, and connection capabilities, each implemented as a communication tool.

Features

Benefits

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| <ul style="list-style-type: none"> • Supports multiple communications sessions | <ul style="list-style-type: none"> • Allows users to connect to different computers concurrently when the appropriate equipment, combination of tools, memory, and network configuration are available. |
| <ul style="list-style-type: none"> • Emulates TTY, VT102, and VT320™ terminals | <ul style="list-style-type: none"> • In addition to conforming to terminal standards, MacTerminal's full-featured terminal emulation tools provide the flexibility of various terminal types coupled with consistent, intuitive Macintosh user interfaces for configuration. |
| <ul style="list-style-type: none"> • Supports XMODEM and ASCII text file transfer protocols | <ul style="list-style-type: none"> • Makes exchanging text, binary files, and programs with other computers faster and easier. |
| <ul style="list-style-type: none"> • Includes Serial and Modem data connections | <ul style="list-style-type: none"> • Enables user to connect easily to another computer via direct serial port or dial-up through modem. Intuitive interfaces make connection set-up easy. |
| <ul style="list-style-type: none"> • Supports connection, terminal, and file transfer tools supplied by other companies | <ul style="list-style-type: none"> • Allows users to extend capabilities of MacTerminal by adding new tools to the System Folder. |



Product Details

Macintosh Communications Toolbox

MacTerminal is an application based on the Macintosh Communications Toolbox. The Macintosh Communications Toolbox provides Macintosh applications with standard access to communications services, including data connection, terminal emulation, and file transfer protocols. The Macintosh Communications Toolbox architecture is designed to allow users to extend the capabilities of applications such as MacTerminal. Because much of MacTerminal's functionality is implemented through individual communication tools, users can customize their communications environments by adding or removing functions (such as terminal emulation tools) when needed. New tools will be available from Apple Computer and other companies.

Multiple Sessions

MacTerminal provides users with easy access to multiple communication sessions, regardless of the underlying protocols. Simultaneous connections are made easily to other computers. For example, MacTerminal might support a serial connection to a VAX in one window, a serial connection to a UNIX host in another, and a modem connection to CompuServe in a third. Multiple sessions can be established with MacTerminal when the appropriate equipment, combination of tools, memory, and network configuration are available. These session windows can be stacked or tiled on the screen.

Terminal Emulation Tools

MacTerminal emulates Teletype (TTY), VT102, and VT320 terminal types. Each terminal emulator is actually implemented as a separate terminal tool. These tools make it possible for your Macintosh to take on the communication characteristics of each type of terminal with the added benefit of intuitive and easy-to-use setup dialog boxes. MacTerminal can support terminal tools provided by other companies in addition to the following tools supplied with this package:

Teletype (TTY)

- Foremulating basic, fixed-function terminals.

VT102

- Foremulating standard Digital Equipment Corporation text-only terminals.

VT320

- Foremulating Digital Equipment Corporation text terminals that offer additional functionality, including support for international character sets, 8-bit character support, and function key and editing key support.

File Transfer Tools

MacTerminal supports ASCII Text and XMODEM file transfer protocols for exchanging data with other computers. Each file transfer type is implemented as a separate file transfer tool in MacTerminal. MacTerminal can support file transfer tools provided by other companies in addition to the following file transfer tools supplied with this package:

Text

- The basic way to send ASCII text files. Includes inter-character and interline delay.

XMODEM

- File transfer method that includes error-checking and correction. Also supports variations including MacBinary, MacTerminal 1.1, Straight XMODEM, and XMODEM Text. Also includes file transfer options: CRC-16, 1K blocks, and Clean Link.

Connection Tools

MacTerminal's connection tools allow a Macintosh to establish and maintain a connection with another computer. They support connections to other computers via direct serial port or dial-up through modem. Intuitive Macintosh interfaces make connection setup consistent and easy for users. MacTerminal can support connection tools provided by other companies in addition to the following tools supplied with this package:

Serial

- Primarily for direct asynchronous connection between computers. Provides access to built-in serial ports and serial cards that are registered with the Communications Toolbox.

Apple Modem

- Fore establishing a connection through an Apple Modem or other Hayes-compatible modem attached to Macintosh serial ports. Also provides access to all serial and modem cards that are registered with the Communications Toolbox.
- Transmission speed: 110 to 57,600 baud
- Character length: 5 to 8 data bits; 1, 1.5, 2 stop bits
- Parity: even, odd, none
- Handshake: XON/XOFF, none



MacTerminal3.0

System Requirements

- System software version 6.0.4 or later
- Macintosh Plus, Macintosh SE or SE/30, or any Macintosh II computer with at least 1 megabyte of memory (2 MB recommended)
- Two floppy disk drives (hard disk recommended)
- In addition to the above system requirements, users need at least one of the following:
 - An Apple Modem or other Hayes-compatible modem and appropriate cable
 - Appropriate cabling to attach a Macintosh to a remote computer for direct serial connection
 - Macintosh II NuBus™ serial or modem communications card that supports the Macintosh Communications Toolbox (Card operation can therefore be controlled via the appropriate connection tools setup dialog box.)
 - Other connection tools may have additional hardware and/or software requirements

Ordering Information

MacTerminal
Order No. M0708

With your order, you'll receive:

- MacTerminal software and preconfigured communications session documents
- Macintosh Communications Toolbox software
- Seven communication tools (three terminal emulation tools, two file transfer tools, and two data connection tools)
- *MacTerminal User's Guide and Communications Tools Reference*

Contact Apple Computer's Developer Tools Express service to order additional communications tools from Apple and other companies. Call these numbers to order:

(800) 282-2732 (in U.S.A.)
(800) 637-0029 (in Canada)
(408) 562-3910 (International)

Related Products

Apple Personal
Modem 1200
Order No. A9M0334

Apple Data Modem 2400
Order No. C0002LL/A

Macintosh Portable
Data Modem 2400
Order No. M0250