



Apple Remote Access Client 3.0

Features

Ease of use

- Lets you get started in only minutes
- Allows you to access services remotely, in the same intuitive way as you work with services locally
- Includes support for Apple Guide, Apple's on-screen assistance technology that leads users through tasks one step at a time, making even long instruction easy to follow

Adaptability

- Works with any PPP-compatible server, including the Apple Remote Access Personal Server version 3.0. Also works with any Apple Remote Access Protocol version 2.0-compatible server, including the Apple Remote Access Multiport Server
- Offers a range of dialing and connection options
- Supports a variety of leading modems and ISDN terminal adapters

Remote productivity

- Supports both the AppleTalk network system and TCP/IP protocols over a single PPP dial-up connection
- Helps you manage everything from repeat connections to connection time
- Masks the complexities of the worldwide telephone system through its integrated DialAssist technology

Powerful security features

- Allows administrators to select the level of security that's most appropriate for their organization's needs
- Provides you with a secure method of access, whether you're connecting from home or from a hotel outside the country

High performance

- Features built-in industry-standard data compression and error detection
- Runs native on PowerPC-based systems using native OpenTransport Interface
- Provides increased efficiency, with smart buffering technology from Apple

Apple Remote Access Client software provides an easy, productive, and secure way to connect a Mac OS-based desktop or notebook computer to information and resources from a remote location. New with version 3.0 is support for the Point-to-Point Protocol (PPP), the industry standard for multiprotocol remote networking. And because it works with all PPP-compatible servers, as well as with Apple Remote Access 2.x-compatible servers, the Apple Remote Access Client lets you choose the level of server support you need, whether you belong to a small workgroup or a multinational corporation.

Apple Remote Access Client is designed with efficiency and productivity in mind. It installs in minutes and is remarkably easy to use, minimizing the need for ongoing support. For example, the software's built-in DialAssist technology makes dialing back to the office network simple, even for international travelers. It lets you build dialing sequences that help mask the complexities of the worldwide telephone system—so you can connect easily from anywhere in the

world. And Apple Remote Access Client has features that help you manage everything from repeat connections to connection time.

In addition, because it supports the Mac OS, Apple Remote Access Client software lets you work with such familiar features as the Chooser, the Finder operating system software, and the Alias Manager.

PPP support allows you to use the Apple Remote Access Client to dial into the Internet via an Internet service provider (ISP) and use popular Internet applications like Netscape Navigator and Microsoft Internet Explorer. You can also use AppleTalk and PPP simultaneously, so that you can view information on a web browser while printing to a network printer, or send intranet e-mail while accessing a group schedule.

In short, Apple Remote Access Client software provides everything users need to help them get their work done easily and efficiently—wherever they are.



Mac OS



Apple Remote Access Client 3.0

Ordering Information

Apple Remote Access Client

Order No. 402100Z

- Apple Remote Access Client and Open Transport version 1.1.2 updater software and installer on 1.4MB diskettes and on CD-ROM
- *Apple Remote Access User's Guide*

Apple Remote Access Client volume licenses

Volume licenses for Client software can be purchased for quantities of 25 or more users; consult your authorized ClarisPLUS reseller or representative for purchasing information.

Apple Remote Access Personal Server

Order No. 409100Z

Product specifications are subject to change. Check with your Claris reseller for the most current information about product specifications and configurations.

This product is entitled to 90 days free technical support***

Claris distributes Apple software products and is a wholly owned subsidiary of Apple Computer, Inc.

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Technical Specifications

Modem support and scripts

- Modem scripts for a range of Hayes-compatible modems and ISDN terminal adapters
- Additional scripts may be available. Contact your modem manufacturer for more details
- If you understand the Apple Remote Access connection control languages scripts (CCLs) and are an experienced programmer, you may be able to write the necessary modem script yourself. This process can be expedited using the Apple Modem Script Generator** (available on the Apple Remote Access Client CD).

Dialing and connection management

- Built-in DialAssist technology automatically generates dialing sequences for mobile users
- Control strip module makes it easy to select a configuration, and connect, or disconnect from the server
- Manual or automatic dialing
- Redial or alternate number option
- Tone and pulse dialing
- Ignore dial tone option that supports nonstandard telephone equipment
- Adjustable connection reminders
- Universal disconnect desk accessory

Compatibility

- Works with any Apple Remote Access version 2.x or later compatible server
- Works with any PPP dial-in server, including those running on Microsoft Windows, OS/2, UNIX, and many other operating systems
- Supports both AppleTalk and TCP/IP over PPP connections; supports AppleTalk services over Apple Remote Access Protocol (ARAP) connections
- Is Open Transport ready
- Runs native on PowerPC processor-based systems
- Accelerated for Power Macintosh computers

Connection types supported

- Standard telephone
- Cellular*
- ISDN*

AppleScript support

- Supports the AppleScript application program, the Mac OS system-wide scripting facility that lets you automate remote access connections
- Allows you to initiate a connection, close a connection, check the status of the connection, or save the contents of the log file
- Automates ARAP and PPP connections

**ISDN and cellular connections require additional Apple or third-party products.*

***Technical support is not provided for Apple Modem Script Generator.*

****Technical support entitlement is subject to change without notice.*

Error detection/data compression

- Several built-in components help reduce errors and optimize delivery of data
 - Smart buffering (developed by Apple Computer, Inc.) for data-transfer optimization
 - MNP4, an industry standard for error detection
 - V.42bis, an industry standard for data compression

Security

- Supports Password Authentication Protocol (PAP) and Challenge Handshake Authentication Protocol (CHAP) for PPP connection
- Supports the Apple Remote Access security API for ARAP connections, compatible with Apple Remote Access 2.x security plug-ins
- Allows interaction with the Remote Access Server through a terminal window and chat scripts for compatibility with systems using other security mechanisms

Specifications

- User name maximum length: 255 characters for PPP, 31 characters for ARAP
- Password maximum length: 255 characters for PPP, 8 characters for ARAP

Supportability

- Option to connect automatically to PPP server when an application that uses TCP/IP is launched
- Log file keeps track of session information to assist in troubleshooting

System requirements

- A Mac OS based computer with at least 8MB of RAM
- Mac OS version 7.1, 7.1.1, 7.1.2, 7.5.3, or later (version 7.5.3 or later required for PowerPC processor-based systems)
- Open Transport version 1.1.1 or later
- A Hayes-compatible modem (14.4 kbps or faster recommended)
- Modem cable with hardware handshaking
- Apple Remote Access Personal Server or MultiPort Server (or any Apple Remote Access-compatible server)
- PPP-compatible or Apple Remote Access 2.x-compatible server, such as the Apple Remote Access Personal Server version 3.0

Internet standards supported

- The Point-to-Point Protocol (PPP) (RFC 1661)
- PPP in HDLC-like Framing (RFC 1662)
- PPP LCP Extensions (RFC 1570)
- PPP Authentication Protocols (RFC 1334)
- PPP Reliable Transmission (RFC 1663)
- The PPP AppleTalk Control Protocol (ATCP) (RFC 1378)
- The PPP Internet Protocol Control Protocol (IPCP) (RFC 1332)

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