

# AppleShare IP: Server Enhancement Products

This article provides information about software and hardware products that work with AppleShare IP to provide enhanced or additional capabilities. Products are grouped by areas of functionality. Sales and support of these products are the responsibility of the vendor.

This article has been archived and is no longer updated by Apple.

## Server Management & Administration

Security Suite, from Open Door Networks, Inc. includes an integrated set of components that provide additional security for your AppleShare IP server. Included within the software suite are DoorStop v1.0, AFP Logger v1.0, The LogDoor Real-time Server Monitor v2.2, and Documentation and examples. In addition Security Suite can provide enhanced security for your whole network. Refer to the Open Door Networks, Inc. site for more information on this product.

DoorStop, from Open Door Networks, Inc., is a software-based "firewall" product for Macintosh servers. Unlike conventional firewalls, which are usually expensive dedicated hardware devices, DoorStop is software which you install directly on the servers which you wish to protect. DoorStop is significantly easier to set up and use than a hardware firewall and provides the same capabilities at lower cost. With DoorStop, you can specify precisely which machines should have access to which services, and you can keep track of both allowed and denied access attempts to those services. DoorStop works well with a wide range of Macintosh-based Internet servers, including AppleShare IP, WebSTAR, and Open Door's ShareWay IP product line. Check the Open Door Networks, Inc. site for more information.

MacCoach by Neuron Data Systems is the next generation server monitoring and recovery tool essential to keep your unattended server running 24x7. The MacCoach monitoring function supports all existing and yet to be released applications out of the box, in contrast to previous solutions which required applications to be especially adapted. In addition MacCoach does not spend valuable system resources or CPU cycles to perform its application monitoring. MacCoach is a combination of software and ADB-based hardware and is tightly integrated with the Mac OS. MacCoach thus detects and logs all incidents of when the system stops responding and application errors and optionally performs a restart. The detailed log of events can also be specified to be in HTML format, making the log accessible from any place in the world. Visit the Neuron Data Systems Website for more information.

PowerKey Pro is an essential tool for maintaining unattended Macintosh servers, providing remote control, automation and reliability. Power to a computer and its peripherals can be controlled remotely via telephone; on a timed basis through powerful scheduling; programmatically through AppleScript; and automatically using powerful crash detection and recovery. Apple built direct support for PowerKey Pro right into AppleShare IP 6, allowing PowerKey Pro to detect and respond to server problems even before they cause the system to stop responding. Visit the Sophisticated Circuits web site for more information on its award-winning server reliability products.

Rebound! is an automatic restart device for Macintosh servers that have stopped responding. A tightly integrated hardware and software solution, Rebound! continuously monitors a server to see if it stops responding, and automatically restarts the computer when necessary by sending the keyboard reset key combination. Apple built direct support for Rebound! right into AppleShare IP 6 allowing Rebound! to detect and respond to server problems even before they cause the system to stop responding. Visit the Sophisticated Circuits web site for more information on its award-winning server reliability products.

The Retrospect Network Backup Kit includes the Retrospect application and ten Mac OS clients making it the ideal backup solution for networked personal computers. All of Retrospect's features extend to your network-unfailing reliability, unattended operation, single step restores from multiple incremental backups, seamless support for nearly every SCSI tape drive and storage device, and something you won't find in any other backup software: Backup Server. Use the unique Backup Server to automatically monitor the network looking for computers in need of backup, even watching for mobile computers when they reconnect to the network. From Dantz Development Corporation.

## AppleShare File Server (AFP)

### Server Management

AFP Logger is an application which works with your AppleShare IP file server to log accesses to that server. Items logged include the name and address of users logging into the file server, bytes transferred, time connected, and files opened and deleted by those users. AFP Logger also provides a real-time display summarizing overall access to the file server. From Open Door Networks, Inc.

Assimilator is a powerful Macintosh lab management tool designed for situations where you wish to make a large number of Macintoshes look virtually identical. Assimilator periodically restores the content of the local hard disks from a source image on an AppleShare file server. From Stairways Software.

Disk Quota For years, AppleShare administrators have yearned for a system of automatically enforcing limits on the amount of disk space users can have on a server. Now, with Disk Quota, an administrator can easily set up such limits for each user on each AppleShare server, without having to continually monitor disk usage and notify users when they have exceeded their limits. From Santorini consulting & design, inc.

IPNetMonitor provides a set of ten integrated Internet tools which allow Macintosh users to monitor their connection to the Internet. With IPNetMonitor, you can see how the Internet is working, monitor the flow of data to and from your computer, and trace the route by which the data is flowing. This gives the user the information to both optimize internet service and diagnose issues. The tools include Test Connectivity, Trace

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Route, Name Server Lookup, Who Is, Finger, Monitor, TCP Info, Connection List, Address Scan, and Subnet Calculator. Check the Sustainable Softworks web site for more information or to download an evaluation copy.

John's Lab Pak is a collection of small applications written by John Ostrowick, to provide a complete mac lab solution. Includes tools for remote manipulation of macs, the addition and removal users, plus a login system. Freeware, Labtools. Some parts still under development.

MacAdministrator works on your network to provide a raft of administration, auditing and control features including logon, protection, printing control and software distribution. From Hi Resolution.

OT Advanced Tuner allows you to optimize TCP/IP network performance under Macintosh Open Transport by tuning internal TCP/IP parameters to match your network environment. The Tuner supports over 30 adjustable parameters including the TCP Window Size, Time Out intervals, Maximum Segment Size, and MTU. Check the Sustainable Softworks web site for more information or to download an evaluation copy.

OTSessionWatcher is a TCP network and application debugging tool. It allows you to examine the data transmitted through Open Transport TCP streams such as those used in AppleShare IP connections as well as those used by web browsers and FTP clients. From Stairways Software.

PageSentry is the "virtual assistant" that constantly watches all of your servers and lets you know if any critical service fails. Use PageSentry to monitor all types of servers, including AppleShare, Web, Mail, FTP and DNS. The key to PageSentry's reliability is that it tests your servers by making actual client requests of the server. Visit the Maxum Development Web site for more information and a free demo copy.

Server Manager is comprehensive management software for AppleShare servers. With Server Manager you can manage your servers remotely, from any Macintosh, anywhere, manage multiple servers simultaneously, share data between them, build related server reports and restrict server access and disconnect idle users. From Santorini consulting & design, inc.

Server Tools is a comprehensive suite of ten utilities that allows you to more effectively and efficiently manage your servers, including AppleShare servers, mail servers, database servers, or any other type of server. With Server Tools, you can detect and avert issues, improve security, manage disk space, and maintain audit trails. Santorini consulting & design, inc.

Server Tracker is the only product that allows you to track changes to your AppleShare servers' folders and files. Server Tracker records which users open, delete, rename or move folders and files, along with the time at which these events occurred. Santorini consulting & design, inc.

## **TCP/IP Routers**

IPNetRouter provides IP multihoming and routing under Macintosh Open Transport. With IPNetRouter, you can use multiple IP interfaces at the same time (such as Ethernet and OT/PPP for example), and specify additional routes for communicating with more than one IP gateway. The built-in IP Masquerading feature allows an entire network to simultaneously share a single Internet connection and end user account. IPNetRouter's OT native design offers superior performance with greatly reduced cost and complexity. Check the Sustainable Softworks web site for more information or to download an evaluation copy.

The VICOM Internet Gateway allows an entire network of users to simultaneously share Internet access via one Internet account, one access device (including modem/ ISDN/ cable-modem/ ADSL/ T1/ existing router) and one phone or ISDN line.

The Internet Gateway is a flexible, fully featured, easy to configure TCP/IP software router that incorporates a DHCP server for easy client set-up, a full PPP server for dial-in access with support for multiple users, and a firewall to protect your LAN from the Internet. CyberNot filter support can prevent access to inappropriate sites, and protocol blocking enables restrictions to be made on the type of Internet traffic allowable. Can be used to interconnect different TCP/IP networks, both local area and wide area--such as head and branch offices--with full support for dial-on-demand and leased line networking, and now supports VICOM Multihosting. Check the Vicom Technology web site for an evaluation copy.

VICOM SoftRouter is a fully featured, easy to set up TCP/IP software router. It routes traffic between ethernet, token ring, MacIP, leased line and dial-up TCP/IP networks, with the added feature of true IP Multi-hosting.

VICOM Multi-hosting allows Web Masters to run multiple Web servers (domain names) on a single Mac OS computer. SoftRouter works with any Web server and is transparent to all web browsers. SoftRouter can be used to interconnect different TCP/IP networks, both local area and wide area, with full support for dial-on-demand networking. A full PPP Server is incorporated supporting dial-in users. Check here for a live example of Multi-hosting. Check the Vicom Technology web site for an evaluation copy of SoftRouter.

## **Server Extensions**

ShareWay IP Gateway brings the benefits of AppleShare IP's file service over TCP/IP to other servers on your network, such as personal file sharing servers. With ShareWay IP, all your servers can now provide Internet and intranet-based file service. From Open Door Networks, Inc.

VICOM DHCP Server is a MacOS-based application that automatically allocates TCP/IP addresses and configuration information to computers on your network. Over 1000 addresses can be distributed to any modern OS computer, including MacOS, Windows95 and NT and Unix. Check the Vicom Technology web site for an evaluation copy.

## **AFP Clients**

AFP Engage! URL Processor works with Web browsers, email readers and most other Internet applications to enable those applications to process AFP (AppleShare) URLs. With the AFP Engage! URL Processor, you can publish URLs to your AppleShare server on Web pages and send them in email messages. Works with URLs over both IP and AppleTalk. From Open Door Networks, Inc.

COPSTalk is a suite of applications and utilities designed to connect Wintel computers to AppleTalk networks. COPSTalk 2.51 is expressly designed for Windows 95 and supports most LocalTalk and Ethernet adapters. COPSTalk for NT is designed for use with Windows NT 4.x and higher. For legacy versions of Windows (Windows 3.1, Windows for Workgroups), COPS offers COPSTalk 1.3. COPS, Inc.

MountIP is an OSAX (AppleScript extension) that adds a new command to the AppleScript language, enabling users to write scripts that can mount AppleShare IP-based servers. It supports both anonymous as well as authenticated logins via the standard AFP URL syntax. MountIP is FREEWARE, so use it and enjoy.

PC MACLAN Pro for Windows 95 is the only software suite to combine IP (Internet Protocol), LAN and remote access technology into one package for file and printer sharing between PCs and Macs. This powerful networking suite is the ideal cross-platform integration tool for applications in pre-press, content development, education and other Apple-dominated markets. Miramar's IP (Internet Protocol) Client technology lets users expand their networking capabilities by accessing any AppleShare IP 5.0 Server, whether located locally, at a branch office on the company WAN, or across the globe over the internet. From Miramar Systems.

Unmounter is a shareware application that automatically unmounts unused shared disks and allows the user to remount them easily from the desktop. Unmounter is especially useful in remote access and dial-on-demand environments, where phone and ISDN lines stay open while AFP sessions are active. From DouWere.

VICOM SurfDoubler allows two computers to share Internet access via one connection device (including modem/cable modem/ISDN/ADSL) and one ISP account at the same time. An Automatic Set-up Wizard makes configuration simple for even the non-technical! More information and a free evaluation copy can be found at the Vicom Technology web site. From Vicom Technology Ltd.

Web Engage! enables the Web and FTP components of your AppleShare IP server to be easily found and accessed using the Chooser. The Web Engage! plug-in registers these services on AppleTalk, and the Web Engage! and FTP Engage! Chooser extensions let you browse for these services by zone and initiate access to the services through the Chooser--just the way you'd expect on a Macintosh! From Open Door Networks, Inc.

## **Web Server**

### **Document Management**

WebSonar is a complete drag, drop, search and deliver, document management system optimized for AppleShare IP. WebSonar allows users to dynamically publish information quickly and easily on either the Internet or an intranet by simply dropping their existing files into a folder.

WebSonar can archive then search very large databases, standard legacy documents, PDF and html documents all at the same time. Based on Virginia Systems' Sonar Professional search engine, WebSonar can search over 12,000 pages per second, displaying the full content and exact page numbers of all found documents. Searching can be performed by any computer running a web browser. Files are dynamically translated to html and a download link can be displayed on every page to allow the client to retrieve the original file. Try it out on the WisdomQuest eLibrary, served on a G3 with AppleShare IP, now containing over 123,000 searchable documents with more being added every day.

### **Site Mangement**

ClickLog makes it easy to log people who click on Ad banners. When someone clicks on the ad, their IP address, date/time, and what they click on is logged to a file. They are then redirected to the location in the search arguments. It allows the tracking of people who click on links that are not on your website. From Clear Ink.

InfoAgency CGI provides a means of monitoring computers on your network. You may, for example, wish to see what applications are being run on each computer, idle time, Kerberos user, installed RAM, printer selected etc etc. The Info Agency software will allow you to do this. From Hi Resolution.

LogDoor Multi-domain Web Site Monitor provides real-time statistics on each site on your server, plus site-by-site summaries and logfiles. LogDoor also displays information about AppleShare IP plug-ins. From Open Door Networks, Inc.

LOG FM is a full-featured web-server log-analysis and real-time statistics application for WebSTAR API 1.2 compatible web servers that is powered by the runtime database engine of FileMaker Pro. Web Broadcasting

TombStone is a collection of 3 plug-ins, which prevent proxies and client caches from caching your data. There is one plugin each for HTML files, GIF files and JPEG files. This plug-in is really useful for images used in the LOWSRC attribute. From Clear Ink.

## **Virtual Hosting**

ClearlyHome is a WebServe plugin that allows Macintosh WebMasters to point multiple domain names at a single Macintosh WebStar server. From Clear Ink.

HomeDoor Multi-domain Web Service Manager was the first multi-domain Web service manager on the Macintosh. With HomeDoor your AppleShare IP Web server can serve pages for multiple independent domains. From Open Door Networks, Inc.

Pardeikes Welcome Plugin combines three basic functions: Virtual Hosting of an unlimited number of domains or sites, Dynamic URL Manipulation and Realtime Graphical Statistics. For more information visit Pardeikes.

## **Searching and Indexing**

FindFile is a WebSTAR plugin that allows you to search your entire Macintosh web server for all files that contain a given keyword in their name. FindFile will search all volumes on the web server's desktop, including remotely mounted file servers. For each file that is found, FindFile will list its full name, location, creation and modification dates, and a link that you can click on to download (via FTP) the file to your desktop. FindFile is freeware from Xperts, Inc.

Phantom is the Web crawler and search engine that makes your Web site accessible. Phantom is the easiest way to add searching capability to your site, but Phantom does much more. Since it can crawl sites via the Web as well as local files, it can index a group of sites on a related topic. Phantom is also ideal for creating a central index for all of your organization's intranet servers. Visit the Maxum Development Web site for more information and a free demo copy.

## **Image Maps**

FastMap is a plug-in for handling server side NCSA style image maps quickly and efficiently. From Clear Ink

## **Publishing and Web Site Creation**

ChoosePage is a plug-in that allows you to put a pop-up dialog on a web page. When someone clicks the submit button, they are redirected to the location specified in the pop-up. An example of this technology in use is at the bottom of the pages on the ClearInk website. From Clear Ink

DynaMorph is a cross platform server side scripting engine and integrated database that enables web site developers to easily construct and maintain large or dynamic web sites. DynaMorph supports the following platforms and web servers: Macintosh, UNIX, and Windows NT/96. DynaMorph's intelligent document caching system provides peak performance and keeps your site up-to-date as you make changes. From Morph Technologies, Inc.

NetCloak, the 1996 winner of MacUser Magazine's "Eddy" award for "Best New Internet Server Application," gives you dozens of HTML extension commands that make it easy to build dynamic, compelling Web pages. Add dynamic information like date and time to your pages, as well as headers, footers, counters, and more. All with no programming required! Visit the Maxum Development Web site for more information and a free demo copy. From Maxum Development Corporation

NetForms makes it easy to create interactive Web sites. NetForms makes your users an active part of your Web site, but keeps you in complete control. With NetForms on your Web server, you can turn data from HTML forms into text files, e-mail messages, even new Web pages. Create mailing list maintenance pages, guestbooks, surveys and online discussion forums with no programming required! Visit the Maxum Development Web site for more information and a free demo copy. From Maxum Development Corporation

PICT FM is the first web server picture add-on product for Claris Corporation's FileMaker® Pro 3.0v4 for Macintosh. PICT FM enables on-the-fly PICT to JPEG conversion of graphic images stored or referenced in FileMaker Pro container fields. From Web Broadcasting

SiteCam adds a full-featured webcam to your Macintosh! Stream live video and/or automatically captures JPEG, PICT, GIF images and QuickTime movies. Visit Rearden Technology to see it in action and purchase it on-line. From Rearden Technology

SMTPMailT is an AppleScriptable, lean, mean, multi-threaded, asynchronous, fat, Open Transport aware SMTP Mail sending application. It's a great solution for Web servers, monitoring applications, debugging, 'back-ending' and more. From Hi Resolution.

WEB FM enables FileMaker Pro developers to quickly and easily build wicked fast, truly dynamic and interactive online database applications for the World Wide Web or a corporate Intranet. The feature list mirrors that of FileMaker Pro with support for relational and portal fields; browsing, sorting, creating and editing database records; even running ScriptMaker scripts. From Web Broadcasting

## **Java**

JRun Servlet Engine is an extension to AppleShare IP that allows you to run Java Servlets (server-side Java). JRun works in conjunction with the web server to allow you to run sophisticated server-side Java applications. Java servlets are an attractive alternative to CGI (Common Gateway Interface) or Perl scripts because servlets are platform independent, easier to develop, faster to deploy, and more cost-effective to maintain. JRun is available for free to end users. Visit the Live Software web site to download the JRun Servlet Engine.

ServletExec for Mac OS is a W\*API-compatible plug-in that runs Java servlets. Servlets are alternatives to traditional CGIs and web server plug-ins for extending web server functionality. Written in Java to a standard API, servlets can run with any leading web server (Microsoft IIS, Netscape FastTrack and Enterprise, Apache, JavaSoft JavaWebServer) on any computing platform (Mac OS, Windows 95/NT, Unix). ServletExec for Mac OS takes advantage of the Mac OS Runtime for Java (MRJ). New Atlanta Communications, LLC

## **Mail Server**

ClickMail Central Directory provides a master list of users' email addresses integrated with AppleShare Users and Groups. Users can find addresses and build personal address books in their mail client (Netscape, Eudora, QuickMail Pro, Microsoft Outlook, etc.) via LDAP (Lightweight Directory Access Protocol). ClickMail can also serve private/public contact information of any kind (phone, address, public key, etc.) via LDAP. Allows remote changes, imports, exports of AppleShare users.

This article provides information about non-Apple products. Apple, Inc. is not responsible for its content. Please contact the vendor for additional information.

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Article 17159: "[Locating Vendor Information](#)"

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