Apple's Internet Products (9/96)

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TOPIC ---

This article provides a brief description Apple Computer's internet products
which include:

- Apple Internet Connection Kit
- K-12 Personal Internet Solution
- Apple Internet Server Solution for the World Wide Web
- QuickTime Products
- AppleSearch
- Apple Remote Access
- Apple Internet Router
- Apple IP Gateway

DISCUSSION --

The Internet is a truly global resource, containing prodigious amounts of
information on virtually every area of interest. It's no surprise that the
Internet is being used by millions of people from all walks of life: business
professionals who want to show the world their products and services, teachers
who want to bring the world into their classrooms, and anyone who needs to keep
in touch with others by e-mail.

It's also no surprise that Apple, the company most responsible for enhancing the
personal computing experience, is at the forefront of making the Internet and
its valuable resources more accessible. With the builtin communications
technologies of the Mac OS and the products listed below, Apple has the
solutions you need for accessing information, publishing, and authoring on the
Internet.

Apple Internet Connection Kit (AICK)

The Apple Internet Connection Kit is an integrated collection of Apple and "best
of class" third-party software that allows a Macintosh computer user to connect
directly to the Internet quickly and easily. Designed as an all-in-one solution
for people who are very comfortable with their Macintosh and enjoy exploring on
their own, the kit lets users sign up with a qualified Internet service
provider, enabling them to establish an Internet connection within minutes. It
includes a "getting started" guide, Apple Guide on-line support, third-party

documentation, and the following Internet applications:

- Apple Internet Dialer software for quick, on-line registration with a qualified Internet service provider
- Netscape Navigator for browsing the World Wide Web
- Claris Emailer Lite
- Fetch FTP software for downloading files from FTP servers
- Alladin Stuffit Expander decompression software
- NewsWatcher Usenet news reader
- NCSA Telnet for connecting to UNIX-based libraries and catalogs
- QuickTime VR Player software
- Adobe Acrobat Reader
- RealAudio Player

K-12 Personal Internet Solution

Part of the Apple Education Series, the Personal Internet Solution Bundle is designed as the complete solution for the educator who needs an Internet connection. This solution provides an integrated set of Internet tools along with related materials to address educators' specific needs. Available with a Power Macintosh 5200/75 LC or a Macintosh LC 580 or as a stand-alone product, the solution includes:

- A modem for dial-up connection
- Netscape Navigator software
- Eudora by Qualcomm, e-mail software
- InterCon's InterSLIP dial-up connection software
- A discount connection offering through a national service provider
- A step-by-step guide describing how to set up the equipment, install the software, and connect to the Internet
- Four of the best-known reference CDs:
 - Earth Explorer from Apple
 - Electronic Arts 3D Atlas from Electronic Arts
 - Grolier Multimedia Encyclopedia from Mindscape
 - Time Almanac: Reference Edition from Compact Publishing

Apple Internet Server Solution for the World Wide Web

This WWW "server in a box" is an all-in-one solution that consists of a Workgroup Server 6150/66, 8150/110, 9150/120, 7250/120 or 8550/132, and a CD-ROM that contains the software needed to get established on the Web. The Apple Internet Server Solution is a multi-platform solution, enabling access by Mac OS, Windows, and UNIX clients on the WWW. This software includes:

- WebSTAR from StarNine allows a Workgroup Server to serve information on the WWW.
- Adobe PageMill, makes creating web pages an easy, graphical process.
- MacDNS from Apple maps an IP address to a recognizable web server name which enables web clients to find your server.
- NetCloak from Maxum Development, provides additional capabilities to HTML standards.
- ServerStat from Kitchen Sink Software, helps you manage your server efficiently by analyzing WebSTAR traffic reports.

- RealAudio Server from Progressive Networks lets you enhance your web pages with high-quality sound.
- HyperCard from Apple a popular software erector set that is easily customized to perform a variety of tasks, such as serving as a multimedia database, and includes HyperCard Common Gateway Interfaces (CGI).
- FileMaker from Claris* an easy-to-use, yet powerful flat-file database and includes FileMaker Pro CGI.
- EveryWare Tango and Butler SQL* a web database solutions which includes solutions for on-line conferencing, catalogs, registration, and classified ads.
- Netscape Navigator client lets you preview your web pages before you post them.
- BBEdit from Bare Bones Software a high-performance text editor for advanced HTML coding.
- Adobe Acrobat Pro creates and translates documents into portable document format (PDF), the cross-platform Internet document standard.
- Image Map software creates hotspots in GIF or PICT graphics to incorporate into web pages, and includes a CGI to serve the image map.
- Electronic Mail CGI gives e-mail capability to web browsers that do not have it.
- Sample web pages offer templates of web pages that you can easily customize to suit your needs, including home pages, a catalog page, and forms.
- AppleScript lets you take advantage of the power of scripting without requiring a knowledge of C programming.
- AppleSearch 1.5 enables you to index documents on local servers or in a database and search them by key words, includes AppleSearch CGI.

* Does not include complete application package.

QuickTime Products

QuickTime, Apple's interactive multimedia technology, has become the multimedia content delivery standard for the Internet. It is a system software extension that provides an interface for editing video, animation, music, text, and other time-based information. Because it is a cross-platform technology, QuickTime is ideal for Internet content delivery and creation. Publishers can use QuickTime to create compelling Internet content by using existing material and adding interactivity to produce new experiences. In addition, QuickTime makes electronic commerce more viable for consumers by letting them "pick up" items and examine them from all angles. QuickTime product extensions include:

- QuickTime Music Tool Kit, which allows users to interact with music just like they interact with graphics and text.
- QuickTime VR, which creates virtual- reality experiences by piecing together photos from a standard 35mm camera to produce panoramic views.
- QuickTime Conferencing, which allows users with a video camera to set up a multiparty conference over the Internet in real time.

AppleSearch

AppleSearch is easy-to-use yet sophisticated client/server software designed to

be a knowledge navigator that finds information relevant to users' needs. Internet publishers can use AppleSearch to index volumes of text, images, or video on their WWW servers, so users can easily search for information. LAN managers can use AppleSearch to manage and use the growing stockpiles of electronic information by letting users on a network search for data stored on local servers as well as on the vast resources of the Internet -- from both Macintosh com-puters and PCs running Windows. AppleSearch:

- Allows search requests to be entered in the user's own words and provides immediate search results.
- Supports many clients through a single Internet connection to the server.
- Lets LAN managers choose WAIS servers that are useful to the workgroup.

Apple Remote Access Products

Apple Remote Access software is the dial-up solution favored by organizations that want to extend their Internet connection to remote or traveling users. Apple Remote Acces servers, used with Apple IP Gateway software, make it easy to connect authorized Macintosh or PowerBook computer users at a remote location to the Internet, as well as provide access to local information and resources. Apple Remote Access solutions are ideal for workgroups or entire organizations that want to enable employees to work productively and efficiently from any location -- whether they're at home, out of town, or even out of the country. Apple Remote Access:

- Offers the easiest-to-configure dial-up solution for the Internet.
- Allows MacTCP to work without additional software -- the same way it works on a Local Area network.

Apple Internet Router

Apple Internet Router software offers both local and wide area, AppleTalk protocol only, networking flexibility. Two or more local workgroups can be connected over industry standard network types, including LocalTalk, Ethernet, and Token Ring. If an Internet connection is already in place on a network with a DDP/IP gateway (like the Apple IP Gateway), Apple Internet Router software can provide Internet access for users on LocalTalk networks. And, as the network grows larger and more global, the Apple Internet Router lets users choose among several wide area options. They can link remote sites to the network through a dial-up connection over a standard modem, or they can add one of the Apple Internet Router Wide Area Extensions (available separately) to link AppleTalk networks using X.25 or TCP/IP -- the protocol of the Internet.

NOTE: Apple Internet Router software requires it being run on a computer using classic networking.

Apple IP Gateway

With the Apple IP Gateway, Macintosh users with Apple Remote Access, LocalTalk, or any other AppleTalk network connection can connect easily to an Ethernet-based TCP/IP network to use the full range of Internet Protocol (IP) services. These include the vast array of Internet services such as Telnet, File

Transfer Protocol (FTP), Gopher, World Wide Web, and Wide Area Information Servers (WAIS). An Internet connection is required. The Apple IP Gateway:

- Allows a single MacTCP configuration for all IP users on the LAN, eliminating the need for individual IP addresses.
- Lets mobile, remote, and local AppleTalk network users access the Internet -- even if the users' AppleTalk network does not directly support IP services.
- In conjunction with Apple Internet Router software, provides IP access to any Macintosh computer that is part of the router's network.
- In conjunction with an Apple Remote Access server, provides IP access to remote or mobile users.

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