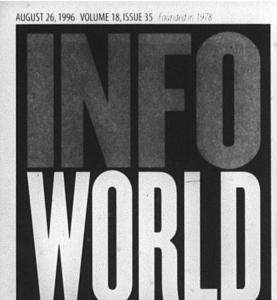


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### HOW ISDN CAN FIX A WEAK LINK

Networks, like chains, are only as good as their weakest links. In most enterprise networks

The Voice of Client/Server in the Enterprise

that weak link is the WAN connection. An ISDN line used in conjunction with bandwidth management tools won't outrace your LAN, but it may prove to be a real source of strength. ISBN makes the most of a pretty thin link and

enables your enterprise to stand up under the strain of increasing demands. See page 69.

## Warp 4: The Final Frontier?

Merlin may be OS/2's last incarnation

VEWSPAPER \$3.95

THE WILL FORMALLY launch the next version of OS/2 Warp late next month and reposition the 32-bit product as the ultimate network-centric client.

At the Sept. 25 introduction in San Francisco, IBM will announce that Version 4.0 will include a CD sampler with as many as 80 scaled

down OS/2 applications, including the company's Star Office application suite, Lotus Development Corp.'s 32-bit version of WordPro. and Sun Dial Systems Corp.'s Relish personal information manager.

Shortly after the new OS/2 ships, IBM will provide a version of Netscape Communications Corp.'s 05/2 page 24

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Managing your desktop with Outlook

€ IE-mail € 1 Calendar

Contact database To-do list

Group scheduler Activities journal Inside Outlook: Microsoft's successor to Schedule+ will bring users one step closer to the paperless office. 91

Outsourcing insights: Lewis takes Desktop organizer on this much-maligned and misunderstood corporate practice. 73



## **Object spec wakes up Web**

Netscape puts weight behind Internet Inter-ORB Protocol

By Jim Balderston and Tom Quinlar

NETSCAPI Communications Corp. is determined to move the Internet to the Internet Inter-ORB Protocol (HOP), replacing static HTTP pages with live, object-based components as the Internet standard, But competing standards for supporting the interactive documents enabled by HOP could damage the interoperability promised by Java and the World Wide Web.

Netscape endorsed HOP as the next Internet standard last week at Object World, in San Francisco, Farlier this month the company said it will bundle the client version of Visigenic Software Inch Visibroker implementation of HOP with its Navigator Web browser.

"Distributed objects are the next stage of the revolution, said Marc Andreessen, chief technology offi

cer at Netscape. More and more people will look to create an object presence instead of a Web pres-

Predicting that Netscape would ship 20 million client side object request brokers (ORBs) within a year. Andreessen said. "We believe HOP will replace HTTP

However, a number of companies are racing to define the object inter-HOP page 24



Application Templates

## **Netscape** applets aimed at wooing ISVs

ERYING TO WEAR corporate developers away from their dependence on Microsoft Corp's huge range of products. Netscape Communications Corp. will introduce 19 Application Templates designed to transform its SuiteSpot server

► For news on related Microsoft-Netscape issues, see articles on

pages 3 and 9.

software into a tull scale develop ment environment for the enterprise

The Application Templates, along with 21 developer tools will debut on

Sept. 9 as part of Netscape's Appalanche starter kit.

sources said. Platforms supported include Windows NT, Solaris, and HP UX, and Netscape is expected to support other versions of Univ by the end of the year, according to the sources.

Initially, the templates will be available via Netscape's Internet site: later they will be part of the



But not everyone is so convinced. Even though intranets are

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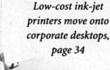
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DiskMapper represents file directories graphically, page 95



Anti-virus software

## McAfee launches network security suite

MCAFEE ASSOCIATES INC. last week announced Secure-1, a desktop security suite for network managers that offers anti-virus and encryption integration. The suite uses technology McAfee gained through a company acquisition worth more than \$23 million.

Helen Flynn, an analyst at Gartner Group Inc., in Stamford, Conn., said the turnkey suite could be a popular product for McAfee.

They have the largest market share in the anti-virus market, and this is very hot packaging, since cryptography is hot and viruses are hot," Flynn said.

Secure-1 supports Windows and

Unix operating systems and consists of three integrated modules: NetCrypto provides transparent encryption of data, applications, and e-mail; VirusScan implements virus detection and removal; and WebCrypto creates encrypted selfextracting files.

Because the files are self-extracting, they can be sent via e-mail to anyone - even if they are not equipped with Secure-1 or Web-Crypto software.

NetCrypto is based on the Cipherlink technology of FSA Corp., in Calgary, Alberta. Under the acquisition agreement, McAfee acquired the privately held company for 356,000 shares of Mc-,

PRODUCT SPOTLICHT

Unlike many other encryption solutions, NetCrypto does not require application modification, the management of encryption keys, or

Secure-1 will ship Sept. 30 and cost \$125 per user. Site licenses will cost \$100 per node, per 1,000 users. Registered VirusScan customers can upgrade at a 50 percent discount until Sept. 23. All three Secure-1 modules will also be available separately.

FSA can be reached at (403) 264-4822 or http://www.fsa.ca.

McAfee, in Santa Clara, Calif., can be reached at (408) 988-3832 or http://www.mcafee.com.

### Seagate plans unified software management for acquisitions

By Stephen Lawson

SEAGATE SOFTWARE INC. last week unveiled a strategic plan to consolidate all of its storage, network management, and reporting software into a single management

framework and position Windows NT as its strategic platform across the board.

The broad range of applications Seagate has patched together from a number of acquisitions in recent years will all be manageable with Atrium, a Unix console that will be ported to NT early in 1997. Seagate acquired Atrium with its purchase of Calypso

Software Systems Inc. last May

In Seagate's core storage and backup arena, ExecView 2.01 will form the management framework for both Backup Exec, acquired from Arcada Software Inc., and two storage-management applications from Palindrome Corp. that will be combined in the name Storage Exec. Seagate will add the storage capabilities of its Vista software to the current ExecView. That software is already offered on NT and Win-

"They had to raise themselves from the level of chaos to one of order," said Michael Peterson, president of Strategic Research Corp., in Santa Barbara, Calif. "You can now look at their product line and see

how everything fits together." Paul Badowski, a senior network specialist at Belcan Engineering Group, a consulting company in Cincinnati, is a long-time Backup Exec user. He said ExecView will

backups on his five PC file servers.

Previously, Badowski had to use Novell Inc.'s RConsole utility to check up on one server at a time.
"Now I can just look at ExecView



**EXECVIEW** will become a management console for Backup Exec and Storage Exec.

and get real-time data from all the servers," Badowski said

Seagate officials said the company is migrating its applications toward NT because the 32-bit, multitasking operating system is becoming the platform of choice inside corporations for both application development and running management consoles.

"Establishing NT as their strategic platform is a perfect move,"

ExecView 2.01 will allow administrators to monitor and manage NT and NetWare servers simultaneously from a central location.

Backup Exec for NetWare, Version 7.11, can back up the entire NetWare Directory Services Extended Schema using Microsoft Corp.'s Systems Management Server. This gives administrators a backup copy of all network-user rights.

Seagate is in Lake Mary, Fla., at (407) 333-7500.

SILICON VALLEY start-up Alteon Networks Inc. is joining the race toward Gigabit Ethernet networking with a workgroup switch and

Alteon's products will be on display at NetWorld+Interop, in At-lanta, in September and are expect-ed to ship in December.

Alteon was formed in May by former employees of Ultra Network Technologies Inc., which built 800Mbps High Performance Parallel Interface products for super-computers and high-end workstations. Alteon plans to build on its existing ASIC to develop a 1.25Gbps chip that can deliver a full 1Gbps of

throughput.
An Alteon representative said the maturity of the ASIC, which has several integrated features, will allow Alteon to price its products competitively. The Gigabit Ethernet adapter will be priced at less than

\$2,000, the representative said. The switch will be designed for linking high-end servers with Ethernet segments.

Most observers do not expect a Gigabit Ethernet specification until 1998. Alteon said users will be able to download updated software to the Alteon ASIC as the standard evolves.

Alteon is based in San Jose, Calif., and can be reached at (408) 574-5500.

- Stephen Lawson

# **Vendors boost remote-control suites**

By Jackie Poole

DANWARE DATA A/S, Hilgraeve Inc., and Avalan Technology Inc. have all launched beefed-up versions and upgrades to their remotecontrol packages.

Danware is offering a compre-

hensive remote-control product with NetOp for Windows, Version 5.2, a remote software package with multiplatform support for all flavors of Windows 3.x, Windows 95, and Windows NT, as well as OS/2 and DOS. Danware's guesthost combination pack is priced at \$295 and is available now.

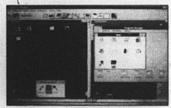
Avalan Technology's Remotely Possible/32, Version 3.0, provides support for Windows NT 4.0 and was unveiled at the same time that NT 4.0 was launched on both the Intel and Digital Alpha platforms. Remotely Possible/32 products

will begin shipping at the end of this month. The Workstation package is priced at \$199; the Server package is priced at \$399. Avalan also supports Windows 3.x, Windows 95, and NT 3.51. The Digital Alpha server package will cost \$499.

At the same time, Hilgraeve is focusing on the OS/2 market with the announcement of HyperAccess Pro, which unites general-purpose communications software,

HyperAccess for OS/2, and the remote-control functions of Hilgraeve's KopyKat software.

HyperAccess Pro will be offered as an upgrade for \$50 and retail for \$199; it will begin shipping at the



the capabilities of its general-purpose commultiple PCs across multiple platforms.

end of this month.

Danware can be reached through Markham Computer Corp. at (800) 262-7542. Avalan can be reached at (800) 441-2281. Hilgraeve is at (313) 243-0576.



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