

FEBRUARY 7, 1994

THE VOICE OF PERSONAL COMPUTING IN THE ENTERPRISE

Portable database tool due this quarter

V/Forms expected to boost 3GLs

BY KELLEY DA

Users looking to easily move their legacy applications to a client/server platform can soon tap a tool designed to be porta-ble across languages, database servers, and operating systems. Start-up Vwispenic Software Inc, this quarter will release its first offering, a design tool called V/Forms, which is based on object class libraries that can forms or reports. Each of these li-braries will auto-matically gener-ate the source code needed for a developer's na-diventify and the second Users looking to easily move

coor needed for a developer's na-tive platform, ac-cording to Roger Sippl, president of Visigenic. V/Forms will in-clude both View Deinter of Form

Painter and Forms Painter. View Painter lets users pick fields from a

IBM slips rare ThinkPad 750C to favored few

BY CATE CORCORAN AND YVONNE L. LEE

Users eager to get their hands on IBM's hot-selling ThinkPad 750Cs may wind up with some-thing even better — but only if they are "special" customers. Like all systems with large ac-tive matrix screens, the 750C cortables have here admost in-

portables have been almost im-



BY DOUG BARNEY Users and analysts said the tool could breathe life into

tool could breathe life into existing third-generation lan-guage (3GL) applications. "People are looking for a way to move their Cobol applica-tions over [to client/server], said Joe Pearson, president of JDP Computer Services, in See DATABASE, page 99

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and Internet admitting an un-specified security problem and requesting people call (415) 966-4905 for more information.

ship after Peer OS/2. The delay is due to a change in plans, Casey said, IBM origi-nally was developing what Casey called "quick and dirty" peer-to-peer networking with no access to server-based net-works.

cess to networks from a single cess to networks from a single client. This way, users will not need two different clients to access different network types. In addition, users can install a peer network and then upgrade See PEER, page 99



iot hub with an aggregate switching bandwidth of over 106

its per s rts 168 LAN ts inc ments including E in Ring, and FDDI

Top features: Can eliminate need for routers by supporting IP, IPX, DECnet, and AppleTalk, with Vines, OSI, XNS, and APPN by year on

'Any -to-any' communications so users on different LANs can communicate as if they were on the same LAN

Bull-in network management by supporting the RNON MIE — also offses two management applications: one for use with existing underelia net management systems and a second on a stand-alone workstation SOURCE CABLETRON EXISTEMS INC.

IN AN IN CLASSE Carrent Casioner -STREET, STREET, STREET

BREN LINE MARK V/Forms will offer a transition from conve

ng to object tech possible to get since they were introduced in November, be-cause active matrix displays are in such short supply. Now IBM is shipping, via "special bid" only, an enhanced version of the 750C called the 750Ce. It has the same coveted 10.4-inch active matrix screen as the 750C but boasts a fuster processor and VESA local bus graphics.

graphics. Only customers with IBM

sales accounts - generally Fortune 500 corporations can order them, although a small number of 750Ces seem to have fallen through the deal-er cracks and wound up in the See THINKPAD, page 99

Cabletron develops cross-platform hub

BY BOB WALLACE

BY DOUG BARNEY

Six months after its promised

delivery. IBM has released into beta its first OS/2 peer-to-peer networking product that sports tight integration with the Work-Place Shell.

IBM had promised to ship

Cabletron Systems Inc. this spring will ship a high-end LAN switching hub that also routes traffic, lets managers build virtual networks from different topologies, and provides improved net-

work management. Cabletron's MMAC-Plus, slated to ship in May starting at about \$41,000 for 100 ports, uses a pro-

starting at about \$41,000 for 100 ports, uses a pro-prietary scheme that will enable the hab to route a wide array of protocols (see chart). Without the new hub, network managers look-ing to link dissimilar LANs could install a routing card that costs between \$5,000 and \$10,000 in a hub, but that one card would support only a con-nection between one Eithernet and one Token Ring LAN segment, said Chris Oliver, Cable-tron's director of engineering. "Integrated routing could mean big savings for us by eliminating the need for routers in our [LAN] internetwork," said Sam Picture, vice president of telecommunications technology ser-

president of telecommunications technology ser-vices at Home Savings, in Irwindnle, Calif. He is See CABLETRON, page 99



966-9905 for more information. Lotus promised to have a ec:Mail technical support engi-neer return calls within one boar if made during normal business hours. The problem is not found in See CC:MAIL, page 99



IBM Peer OS/2 to offer access to LAN services

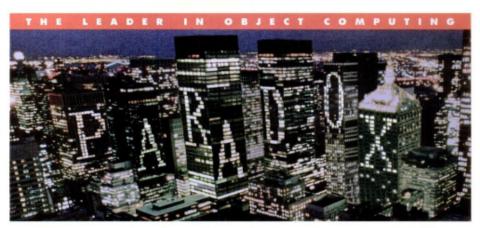
The PC DOS version will

cc:Mail for Windows 2.0

marred by security flaw

Lotus ready with work-around; promises a free fix

PC DOS and OS/2-based peet-to-peer services by June 1993. The company now plans to ship the product, dubbed Peer OS/2, in the second half of this year, said Walley Casey, director of works. IBM decided to provide acsaid Walley Casey, director of marketing for Personal Systems Products.



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FEBRUARY 7, 1994

NEWS

rdPerfect will ship its Windows remote client for Office 4.0 by the end of the month

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ENTERPRISE COMPUTING

MANAGEMENT



Paint Pro3's layers can be edited.

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REVIEWS fail 2.0

TEST DRIVES per OS/2 desktop manager.....

Q/Media 1.2 multimedia scripting package.100 Opti-Net NLM 2.0 CD-ROM management soft-

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Kai's Power Tools for Windows image editing

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Help Desk / Brett Glass	
The Network Curmudgeon / David Strom	
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From the Ether / Bob Metcalfe	
How to contact InfoWorld	
Down to the Wire / Enterprise Team	
LAN Talk / Paul Merenbloom	
Distributed Thinking / Stewart Alsop	
Notes From the Field / Robert X. Cringely	

AT DEADLINE

Ambra may be first to ship clock-tripled chip in PCs

Ambra Computer Corp. will be among the first — if not the first — systems makers to offer a clock-tripled processor in its line. Ambra will announce next week new configurations using the IBM-emade 32-bit Blue Lightning chip that runs at 100 MHz internally and 333 MHz externally, sources said. Prices have not been set but are expected to start around \$2,200 for a system with a 240MB hard drive and a 15-inch screen, sources said. A similar system with a clock-doubled 33/66-MHz Blue Lightning chip lists for \$1,979. — *Cae Corcoran* - Cate Corcoran

Lotus will fix OS/2 application bugs

Lotus Development Corp. next month will release new versions of its OS/2 applications to fix bugs and enhance performance, compa-ny sources said. Lotus 1-2-3 for OS/2 2.01 will include bug fixes, fort handling, and Dynamic Data Fachance (DDD). ny sources said. Lotus 1-2-3 for OSV2 2.01 will include bug fixes, foot handling, and Dynamic Data Exchange (DDE) improvements; it will also repair problems for OSV2 2.1 customers. New features include support for Vendor Independent Messaging (VIM) and a 32-bit graphical installation module that will be the common installer for all OSV2 applications. Freelance Graphics for OSV2.2.01 will get similar bug faces, and Anni Pro will get both performance enhancements and bug fixes. In other news, Lotus last week announced the shipment of the SGN1 onto: 1.2-3. Release if for Windepert Multimedia Edition

\$495 Lotus 1-2-3, Release 4 for Windows Multimedia Edition. — Doug Barney

IBM gives up Pentium chip production

IBM will forgo its right to manufacture Pentium and future Intel Corp. microprocessors in an agreement reached between the com-panies. IBM will receive a supply of Pentiums from Intel and boost its in-house production of 486 chips. - Brooke Crothers

Intel to dismiss infringement claims

Intel Corp. said it will drop its patent infringement case against Cyrix regarding Intel's Cawford patent, which deals with how sys-tem memory is used in combination with the microprocessor. This comes in the wake of a January 21 decision by the U.S. District Court in Sherman, Texas, which found that Cyrix did not violate cross-licensing agreements regarding the Crawford patent. (See "Cyrix wins right to patent but faces dwinding x86 chip supply." January 31, page 26.) — Brooke Crothers - Brooke Crothers

Vendors ready data storage standard

Top LAN vendors will announce at next week's Networks Expo support for a new standard that will make it casier and cheaper to manage enterprisewide data storage. Cheyenne Software Inc. will be joined by Microsoft Corp., Novell Inc., Hewiett-Packard Co., and Computer Associates International Inc. Other companies expected to ship products this year include IBM, AT&T, Sun Microsystems Inc., and Exabyte Corp. The standard, which vendors can implement now, specifies requirements to let storage systems from different vendors interoperate. — Rob Wallace Bob Wallace

Quark announces PowerPC plans

Quark Inc. will release a native-mode PowerPC version of its Quark Yine, will release a native-mode PowerPC, version of its Quark ZPwss 3.3 desktop publishing program by midyaer, the com-pany said. It will be Quark's first product delivered on CD-ROM and will have the same base functionality as, and file compatibility with, the Windows and Mac versions but will cost \$100 more, at \$995. The CD-ROM will include AppleScripts, UserLand Software Inc.'s Frontier scripts, Quark libraries, templates, utilities, third-party fonts, and 12 QuarkXTensions. Witten European Scripts (Section 2014) - Willem Knibbe

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IBM, integrator

offer networks

ready to plug in

IBM and start-up system inte-grator Advanced Modular Solu-tions (AMS) are shipping pre-configured departmental net-works, providing non-network savvy users with a turnkey net-met obtains.

Called LAN On Demand, the

Called LAN On Demand, the network can support as many as 20 users and comes with pre-loaded, preconfigured system and application software. Soft-ware choices include IBM's LAN Server: Entry, a small-of-fice version of LAN Server; a general accounting package from BPI; and WordPerfect 6.0. AMS' oricine is deneedent on

AMS' pricing is dependent on ser needs; for example, a 66-

MHz 486 server costs \$7,600 with software. The system has a

525MB hard drive and network

cabling. Diskless PCs, about the size of a brick, are \$1,400 with

Observers said the LAN On Demand program is part of a growing trend to offer simple networks to a certain category

networks to a certain category of user. "There are buyers out there who want shrink-wrapped net-works," suid Frank Deubeck of Communications Network Ar-chitects, in Washington. "These networks aren" intended to be flowible. Dur some customerer

flexible, but some customers

Users who would be attract-

ed to a preconfigured LAN are workgroups without an on-site

computer support person, Dzu-beck said. He said users who ex-

pect to continually change their network setups or applications are not well suited for precon-

want it that way."

ed LANs

BY STEVE POULU

savvy users work soluti

NEWS / NETWORKING

seems to work well. With Person-to-Person a user

At a glance:

convecto no trong system

BY STEVE POLILI

of u

A Windows version of IBM's

Person-to-Person software, a communications tool that allows

IBM's Person-To-Person for Windows

Chalkboard allows call participants to enter text and annotate contents, including work with bit-mapped graphics

Video allows up to four users to view real-time video or clips through IBM's ActionMedia handware options. Not intended as a video-

Extensions allow users to capture images from a scanner, VCP, or other device for transmission to other participants

Conferencing software available for Windows IBM expands Person-to-Person

Supports cut and paste through Dynamic Data Exchange (DDE)

- Call Manager activates links to other call participants

Now features a personal information manage

FEBRUARY 7, 1994

Digital ships tools for mobile clients

BY SHAWN WILLETT

Digital Equipment Corp. rolled out a barrage of mobile comput-ing products designed to pro-vide remote DOS and Windows users with full client capabilities

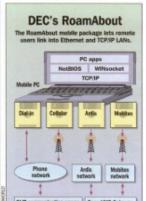
users with the term of the term of the enterprise. The products, dubbed the RoamAbout family, all require TCP/IP on the remote PC and

TCP/IP on the remote PC and are available now. Analysis said that although a few of the products are still tied to Digital's VMS operating sys-tem, they do give network man-agers an enterprisewide ap-proach to solving problems as-sociated with mobile clients. RoamAbout Mobile IP is client TCP/IP software that lets users roam amore networks and

users roam among networks and subnetworks while keeping the same IP (Internet Protocol) address. This means users have ac cess to the same files, services,

In addition to regular cellular and CDPD (cellular digital packet data) support, the soft-ware works with Ardis and Mobitex services. The two latter

> munication server supporting SLIP. Prices start at In addition, Di-



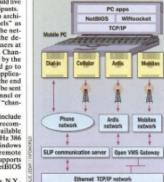
and applications no matter where or how they are connect-

ed to the network. "This is a fairly unique prod-uct," said Richard Buchanan, and the second secon

services must ast be

services must be connected to an Ethernet TCP/IP backbone through a VAX gateway. The cellular or dial-up connec-tions are routed through any com-manization server \$199 per client and \$799 per serv-

gital rolled out Roam About Wireless-to-Wired Access Point, a wireless remote communications hub priced startcommunications hub priced start-ing at \$600. A new R o a m A b ou t Wireless PCM-CIA Network Adapter is priced at \$595. Digital is based in Maynard, Mass, and can be reached at (800) 344-4825.



PC users can access the

are not well suited for precon-figured LANs. The new relationship is simi-lar to a pilot program, called LAN Select, started in Decem-ber by the IBM Personal Com-puter Co.'s direct sales channel, whose primary mission is to move PC hardware. The IBM side of LAN On Demand is IBM's networking group, which does not sell servers or PCs. LAN Select is manged by a different group within IBM and only offers IBM platforms, but it provides a choice of LAN Server or NetWare networks. By contrast, LAN On De-mand offers only IBM's LAN Server an NetWare networks. BY SHAWN WILLETT Server Entry operating system and uses AMS' ultrasmall PC

We want to do all the things we can to make LAN Server available to more people," said Peter Greulich, IBM's LAN systems marketing planner. "Part of that is making LAN Server less costly to administer and in-

AMS, in Concord, Mass., is at (800) 266-3852.

FOWORLD

hardware.

Interlink Computer Sciences is shipping a version of software that lets PC users access main-frame services via TCPIP and includes better performance and supports more users. "We've increased the number of remote machines from 250 to 300 to about 5,000," said Charles Leson president of the

Charles Jepson, president of the

Interlink's SNS/TCPaccess puts the TCP/IP protocol on IBM MVS mainframes, which makes host systems full partici-pants in core TCP/IP services such as File Transfer Protocol (FTP) for transferring files; Tel-net for host emulation and file sharing; and Simple Mail Trans-fer Protocol (SMTP) for passing messages. ages.

Separately, the company of-fers Enterprise Print Services

son, the company will soon an-nounce a bundling deal with one of the TCP/IP vendors, although he declined to name them. somware to allow printing of mainframe applications to a LAN or LU3 printer and SNS/NFS software to put Net-work File System on the main-frame. software to allow printing of

ne occurred to name them. The product also works in conjunction with TCP/IP ser-vices on Unix workstations. Pricing for SNS/TCPaccess is based on CPU size and starts at \$18,000. vices with the help of TCP/IP products that run on top of DOS or Windows from third parties such as Wollongong, NetManage Inc., FTP Software, and others. According to Jep-

Interlink, in Fremont, Calif., can be reached at (510) 657-9800.



System requirements include 6MB of RAM (8MB recom-mended); 5.5MB of available 6MB of RAM (8MB recom-mended); 5.5MB of available hard drive space; 16-MHz 386 or higher processor; Windows 3.1; and a modem for remote use on networks with NetBIOS or TCP/IP protocols. IBM is in White Plains, N.Y., at (800) 426-2255. fective." Dickinson said the technology needed to make a whiteboard product work with more than two users is "no simple task" and that IBM's implementation

DOCKET

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Interlink package improves PC access to mainframe services