Omninet network and mass storage products that make you and your personal computer more productive.
From Corvus, world's largest supplier of personal computer networks.

Increasing Personal Computer Productivity

Impressive as personal computers are as individual productivity tools, they become much more powerful—and more cost effective too—when used with OmniDrive™ mass storage and Omninet local area networks.

Omninet

5-45MB OmniDrive Disks

The Bank

Corvus Printer Server

Corvus Mirror

VCR

Corvus SNA Gateway

SNA Network

Corvus Broadband Gateway

Broadband Network

Future Release

Printers

All peripherals not supported for all brands of computers.

OmniDrive gives your personal computer speed, greatly increased capacity, and freedom from switching floppies. When your needs grow to several computers, Omninet will connect them together so they can share resources and information, communicate with each other, and communicate with other computers—both personal and mainframe.

Corvus is the world's largest supplier of mass storage and networks for personal computers. Here are some of the reasons why more businesses and educational institutions have chosen Corvus than any other brand.

- ☐ Increases productivity, saves time, lets you work smarter.
- ☐ Lets you begin with network ready mass storage, then grow as your needs grow.
- ☐ Supports more software than other disks or networks, including the new Microsoft® Networks™ program.
- ☐ Runs application software written for IBM PC Network and other networks supporting Microsoft Networks.
- ☐ Has faster operation* and supports more brands of computers and operating systems.
- ☐ Lets you spread the cost of printers and mass storage.
- ☐ Provides electronic mail between stations.
- ☐ Communicates interactively between IBM SNA computers, IBM PC's, and Corvus Concept workstations.
- ☐ Has become an industry standard with a family of over 30 computers and licensees.
- ☐ Offers the lowest network cost-per-user.
- ☐ Installs as easily as a stereo system.
- ☐ Field proven reliability: over 150,000 computers and 35,000 Corvus Winchester disks are now connected to Corvus networks.
- ☐ A single vendor solution backed by worldwide service and support at nearly 200 service centers.

World's Most Widely Used Network Products High Performance

In an independent study *(PC Magazine,* November 1983), Omninets operating speed or throughput under actual working conditions was shown to be nearly equal or better than any network tested. Some networks have data rates up to ten times faster, but in actual system operation, Omninet provides equivalent performance at much lower cost.

Omninet: Network Standard

More personal computers, more operating systems, and more shared resources are supported by Omninet than by any other local area network. Omninet connection is also provided by more than 30 other computer manufacturers, including NCR, Honeywell, Radio Shack, Olivetti, ACT Ltd., Fujitsu, and others.

Omninet Cable and Tap Boxes

Omninet uses low cost twisted pair cable—similar to telephone wire— and snap-together tap boxes with standard plugs. This makes it very easy to install and to add stations later, without the expensive professional installation required with coax cable. Stations can be placed anywhere along the 4000 foot maximum Omninet length without shutting the network down or requiring additional controllers as some other networks do.

Transporter™

An intelligent interface, called a Transporter, plugs into the pc and manages message transmission. No centralized controller or major software support from the pc are required.
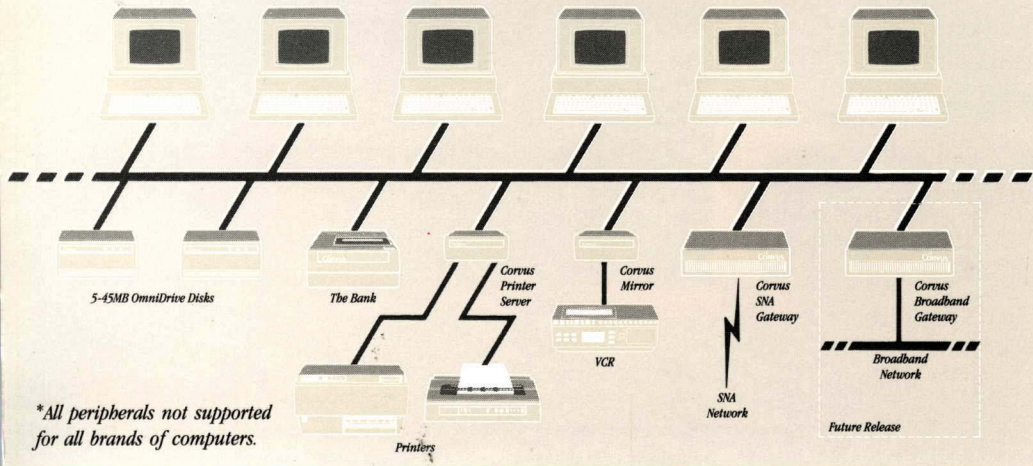
Omninet Compatible Computers and Operating Systems

IBM PC,™ XT,™ AT and many compatibles	MS™-DOS 1.1, 2.0, 2.1, 3.0 UCSD p-System.™
IBM PCjr™	MS-DOS 2.1
Apple™ II Plus,™ IIe™	DOS 3.3, Pascal 1.1, 1.2, CP/M® 80, PRODOS.
Apple III	SOS.
Apple Macintosh	Macintosh
Corvus Concept™	CCOS, UCSD p-System.
DEC Rainbow 100™	CP/M 86, MS-DOS 2.0.
TI Professional	MS-DOS 1.25, 2.0.
Zenith 100, 150	Z-DOS, CP/M 80, MS-DOS 2.0

OmniDrive Winchester Drive

Fast, large capacity Winchester disk storage is provided by OmniDrive. Choose from 5.5, 11, 16, 45 and 126 megabyte versions. An Omninet interface is built-in, making this an excellent starter disk for a small growing organization. It's ready to grow when you are. Up to eight OmniDrives can be connected to Omninet for a total of 360 megabytes, or 180,000 pages of text.

Omninet Backup Systems

The Bank.™ Offering completely random-access retrieval (unlike streamer tape backups), The Bank uses removable tape cartridges and contains a built-in Omninet interface. Storage capacity is 200 megabytes or 100,000 text pages.

Because it can provide the lowest cost-per-megabyte of any microcomputer storage device, The Bank can also serve as a complement to Winchester storage for large, infrequently referenced information—medical or historical records, research data, or legal documents. File access time averages 10 seconds.

The Mirror.® Reliability field proven in over 15,000 installations, the Mirror interfaces Omninet to a standard video cassette recorder. A two hour cassette will store up to 73 megabytes of data.

Printer Server

At a cost considerably lower than a dedicated personal computer—which some networks use for printing service—this server connects three printers (two serial, one parallel), to the network so they can be shared by all computers. It also dates and time stamps all documents.

SNA Gateway

Offering true interactive processing between IBM PC's or Corvus Concepts and an IBM mainframe computer, the SNA Gateway gives each Omninet station access to current centralized information and programs from the corporate mainframe. Having current data at your fingertips helps you make better decisions, uses your computer resources more efficiently, and reduces your data management costs.

Omninet Workstation: The Corvus Concept

The Corvus Concept is a network ready workstation with integrated software, hardware, and network interface. It features a 32-bit Motorola® MC68000 microprocessor, high-resolution full-page 8½ x 11 inch bi-directional screen, easy-to-use function keys, and 256 or 512 kilobytes of RAM.

The Concept has a full range of software beginning with its own integrated package—Corvus ISYS™—consisting of word processing, spreadsheet, three dimensional graphics, communications, and four other programs. Additional software includes several data base managers, accounting modules, electronic mail, mailing list management, manufacturing analysis, and educational administration.

OMNISHARE™

OmniShare is a low cost, easily installed version of the Omninet network specifically designed to let IBM PC's and many compatibles share an IBM XT hard disk. OmniShare is as easy to expand as it is to install when you need additional stations, mass storage, or other features later. OmniShare also provides much better performance than other networks of this type.*

Compatible Computers		
	IBM XT	Columbia
	IBM PC	AT&T
	PCjr	Tava
	Compaq	Panasonic
	Corona	ITT

Easy to Set Up and Operate

OmniShare is one of the easiest IBM personal computer networks to set up and operate. Its special pre-configured hardware and software are specifically designed for non-technical operators. Answer YES to one question and the software automatically sets up a five-user system with everything you need to get started: access control, volume allocation, file management, printer spooling, data security, and more. Hardware installation is equally simple—plug a card into each computer and a connector into a tap box on a preassembled cable and you're ready to begin networking.

Easy Expansion

The growth path beyond the starting five-station system is also simple and direct.

More Stations. As you need them, additional stations are added by inserting a card into each computer and plugging in a tap cable. Changes in user allocation and resource sharing are made in response to screen prompts and menus.

More Storage. For more shared storage than the ten megabytes provided by the IBM XT hard disk, you simply plug one or more OmniDrive disk drives into OmniShare and make minor menu-driven changes in the network software. Total capacity can be up to 1008 megabytes on eight OmniDrive disks.

Backup

Besides The Bank, and Mirror backups, OmniShare can use the Corvus IBM XT Mirror. This is a card that plugs into the XT and transfers data from an IBM hard disk to a standard video cassette recorder with a 73 megabyte capacity.

Printer Server and SNA Gateway

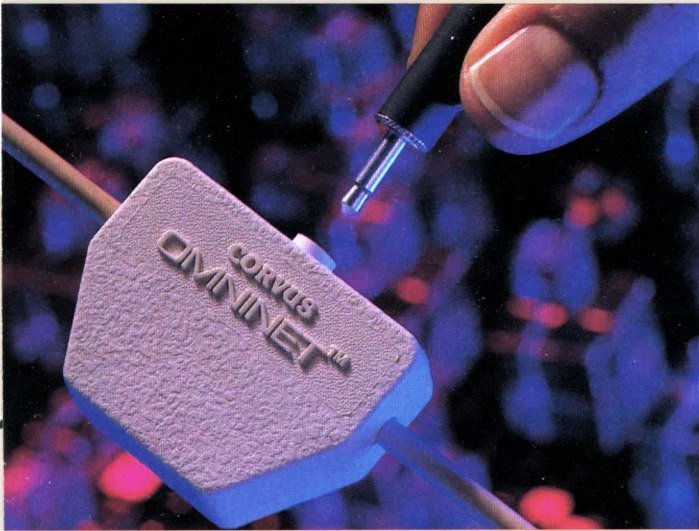Both of these Corvus network peripherals can be incorporated in OmniShare.

OMNINET SOFTWARE

Constellation™ II: Network Management

Constellation II network software combines technical sophistication with ease-of-use and transparency to the user. This means you don't have to learn a whole set of commands—you still use your operating system's commands. Constellation II manages data and peripheral sharing, network security, and mixing of operating systems and computers.

Sharing and security are handled on several levels, such as volume management and data sharing with semaphores. Included are log-on names, passwords, and user access control: read/write, read-only, or no access. For data that several users need read/write access to, as in a data base, Constellation II provides semaphores to control access to shared data. Constellation II thus provides the same degree of security as the file

CORVUS—A SINGLE VENDOR SOLUTION

A Strong Established Company

Corvus provides a single vendor solution with an integrated line of network, mass storage, backup, network workstations, and communications gateways. Behind every Corvus product is the kind of worldwide service and support not usually associated with personal computer products.

Founded in 1979, Corvus has grown rapidly by supplying reliable products that address a variety of business and educational needs. By mid 1984, Corvus had shipped more than 35,000 disk systems and 25,000 networks connecting over 150,000 computers and peripherals. InfoCorp reports that three out of every five locally networked microcomputers are connected to Corvus networks.

Corvus Service and Support Protects Your Investment

Corvus provides a complete range of customer service and support functions that target our customers and dealers worldwide. Included are:
□ Telephone product support
□ Education and training
□ Service documentation
□ Repair services
□ Warranty support
□ Logistics services
□ Technical support and diagnostics
You can buy Corvus products with the confidence that your investment is protected by the largest, most experienced supplier of personal computer mass storage and networks.

server approach used by some other networks. A file server by itself does not provide for data sharing unless a locking device like semaphores is provided in the network management software and incorporated in the application software.

Other Network Software

Hundreds of software developers have written packages for Omninet covering every type of business and educational application. Inlcuded are Microsoft Networks, multiuser data bases, accounting packages, specialized business and professional management packages, educational administration, computer aided instruction, word processors, spreadsheets, file servers, and many others. Contact Corvus for a software directory. Also, virtually any software written for the IBM PC Network, or other networks supporting Microsoft Networks, can be run on Omninet.