

# CORVUS OMNINET™



## For The DEC Rainbow 100 Personal Computer

### Major OMNINET Benefits

- Transforms personal computers into powerful resource-sharing distributed processing systems.
- Brings mainframe network benefits to personal computers at cost effective prices.
- Permits resource sharing and communications between computers while maintaining full computer power at each station.
- Allows more than 60 low-cost computers to share mass storage and printers.
- Intermixes different brand computers and operating systems.
- Provides virtually unlimited growth potential in cost-effective increments.
- Field proven: over 8,000 Corvus networks with 50,000 nodes worldwide.

### High Performance—Cost Effective

Corvus OMNINET, is a high-performance cost-effective local area network for personal computers. Already proven in thousands of installations worldwide, OMNINET expands the performance and versatility of your DEC Rainbow 100 computers. Instead of working as isolated, standalone computers, your Rainbows can be turned into an interactive network of multi-function workstations.

With OMNINET, each computer can share files, Corvus Winchester disks, printers, other peripherals, and communicate with each other. You get mainframe performance and versatility at a fraction of the cost.

### 8000 Corvus Networks

Recently, a number of companies have announced plans to offer

networks for micro computers. So why should you choose Corvus? Simple, we're the leader. We've been at it longer than anyone else in the business. There are far more microcomputers (more than 50,000) connected to Corvus network systems than to any other brand. We aren't just planning networks—we're shipping them.

### Why is Corvus so Popular?

Corvus is known the world over for bringing state-of-the-art technology to the market at an affordable price. We established the market for Winchester disk systems for microcomputers back in 1979. We offered our first local area network in 1980. And we started shipping Corvus OMNINET in 1981. With more than three years of local area networking experience, we have the field proven hardware and software for a reliable, affordable network.

**CORVUS SYSTEMS**



# CORVUS OMNINET

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## How Does OMNINET Work?

OMNINET uses simple twisted pair cable to connect microcomputers to each other and to shared disk systems and printers. Interface to the host computer is via a microprocessor controlled transporter card. This card plugs into an expansion slot in your DEC Rainbow 100. It handles all network management functions without adding any additional software burden on the network computers. A simple tap cable connects the OMNINET network. OMNINET uses a bus topology, which simply means that you can add stations anywhere along the network by just tapping into the network trunk wire. And, you can do it yourself when the time comes, because there are no bulky or expensive coaxial cables to run or tap into. You can make your OMNINET network up to 4,000 feet long.

OMNINET networks are normally configured to share a Corvus Winchester disk mass storage system. Available in three models, these systems can offer you the storage capacity of hundreds of standard floppy diskettes. With the sophisticated Corvus CONSTELLATION® network management software, you can also share programs, send files between workstations, and send files to a single printer from any station on the network. With Corvus OMNINET, you can even put other brands of computers, like the powerful Corvus CONCEPT™ personal workstation, on the same network.

## Easy to Buy, Easy to Expand

Here's the best news of all. Corvus OMNINET is affordable. Compare the cost of an OMNINET transporter card for your computer with the cost of other brands of

network connections. With a Corvus Model 6 Winchester disk system and an OMNINET disk server, a complete two to four station network costs less than one third of the price of other networks.

As you expand, you can add as many as 60 additional stations to the network using virtually all of your single-user application software without modification or additional expense. Hardware costs are only the cost of the computers, the low-cost OMNINET transporters and tap boxes, and some twisted pair cable. You don't have to stop after 15 or 20 stations to add another expensive piece of network hardware. That's just one more reason to go with Corvus OMNINET. It's the emerging industry standard in cost-effective, high-performance networks, and the field-proven answer to your networking needs.

## SPECIFICATIONS

**Total Network Length:** 4,000 feet (1,219 metres)

**Network Transmission Medium:** RS-422 twisted pair cable

**Data Transmission Rate:** 1 megabit per second (mb/s)

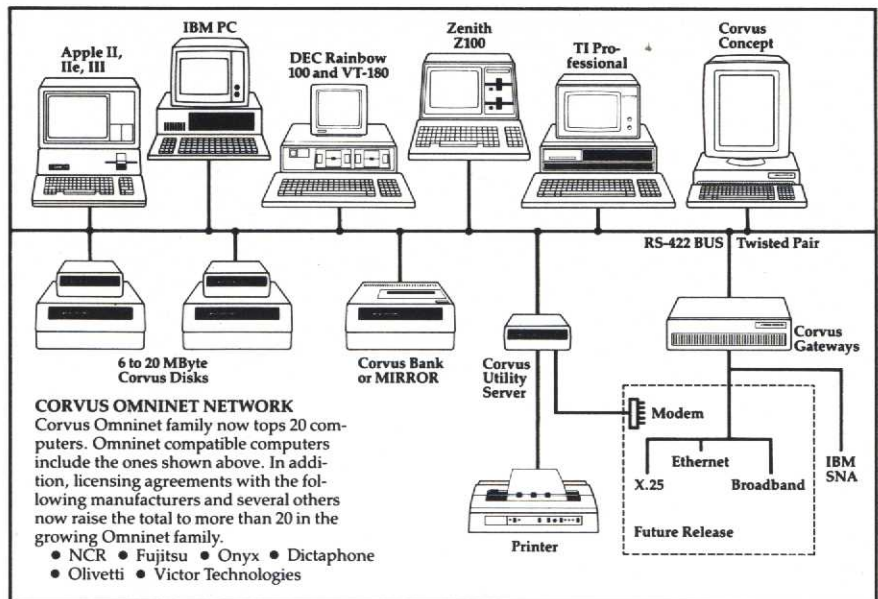
**Total Nodes Per Network System:** Up to 64

**Winchester Disk Mass Storage Systems:**

- Corvus Model 6 (5.9 mb)
- Corvus Model 11 (12.1 mb)
- Corvus Model 20 (18.4 mb)
- Corvus Bank™ (200 mb)

**Network Backup:** Corvus Bank™ or MIRROR®

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**CORVUS SYSTEMS**

Corvus Systems reserves the right to change specifications without notice or obligation.

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