▲ Altos PC Path II™ is an easy way to connect one or more IBM personal computers or IBM compatibles to the Altos WorkNet II™ Local Area Network. With Altos PC Path II, PC users can take advantage of Altos multi-user applications while enhancing their investment in PC hardware and software. Altos PC Path II supports Altos PC Plex,™ providing applications support for Lotus 1-2-3,™ dBase™ and Multiseries™ users.

Features

▲ Protects and enhances PC hardware and software investment
▲ Removes limitations of isolated PCs
▲ Expands storage capacity
▲ Shares disk drives
▲ Shares multiple printers
▲ Runs as a "virtual" terminal
▲ Provides access to mainframe communications
▲ Supports Altos PC Plex

Using PC Path II, a combined total of 30 PC's and Altos systems can share resources on a WorkNet II network. PC Path II consists of an interface board that installs in the PC and connects to a WorkNet II cable and software that is installed with the PCDOS™ or MSDOS™ operating system (version 2.0 or later).

When executed, the installation program prompts the operator for all information needed to install the PC as a node on the network. This information is retained in a non-volatile memory on the interface card so there is no need to reconfigure after the power is turned off.

With PC Path II, PC applications can, without change, access data stored on Altos file servers across the network. Remote PC or XENIX/UNIX files are accessed exactly as if stored on a local disk. Transparency is accomplished by storing the PC files in DOS partitions on the applications server disk. The partitions, created by PCs across the network, look like standard UNIX™ or XENIX® files to the file system. To PCs across the network, the partitions look like PCDOS/MSDOS floppy disk or hard disk volumes. A utility copies files between PCDOS/MSDOS format and UNIX/XENIX format, allowing applications in the two environments to share data. Partitions can be password protected to enforce security while concurrent access is controlled by opening partitions shared (read only) or exclusive (read/write).

Printouts are redirected to network print spoolers using a single command on the PC. The network spooler allows PCs to share expensive printers.

PC Path II includes a terminal emulator used to run the PC as a terminal on the Altos system. As a terminal, the PC has access to multiuser applications on the Altos system, including mainframe and wide area communication gateways. The PC user can easily switch between the terminal emulation and local PC modes. In combination with Altos PC Plex, PC Path II provides a powerful PC applications system for management of information stored on the Altos host system and accessed by the PC user.

S P E C I F I C A T I O N S

▲ Hardware/Software Requirements

Altos PC Path II consists of the following elements:
– WorkNet II interface board for the IBM PC
– 5.25″ PC-DOS format diskette with Altos PC Path II software
– PC Path II User's Guide

A PC Path II network consists of one or more Altos XENIX/UNIX servers and one or more IBM PC's or PC compatibles, up to a combined maximum of 30 systems.

The following minimum configuration is recommended for each Altos server:
– Altos microcomputer. Includes WorkNet II interface and Altos terminal.
– XENIX 3.0 Run Time System or UNIX V.2.2 (3068)
– 512 KB RAM memory
– Altos 20 MB integrated hard disk
– Altos WorkNet II Software
– Altos WorkNet II Cabling Kit

The following minimum configuration is recommended for each IBM PC:
– IBM PC or PC equivalent with 256K Bytes RAM memory
– Altos WorkNet II Cabling Kit
– DOS 2.0 or later

PC Path II board for the IBM PC takes port addresses 330-33f and 370-374 (HEX)

▲ Network Specifications

Network Architecture	Baseband, Bus
Transmission Protocol	RS-422
Data Rate	1.4 Mbps or .8 Mbps
Cabling	Shielded, 4-wire (dual twisted pair)
Link Access Protocol	Carrier Sense Multiple Access/Collision Avoidance
Maximum Systems per Network	30
Maximum Network Length	500 meters (1500 meters with Repeater 422)

▲ Documentation

Altos PC Path II User's Guide

▲ Ordering Information

Contact your Altos Reseller to order Altos PC Path II or other related products. Be sure to specify the Altos hardware model which will be used with PC Path II.