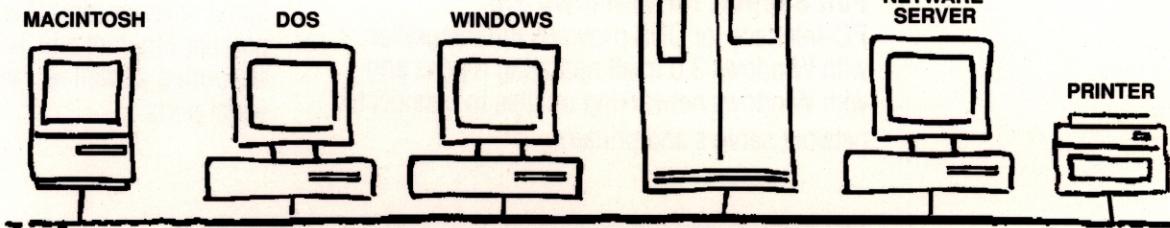


PC-Interface™ for DOS

Introduction: Desktop-to-UNIX Integration

PC-Interface is a LAN software product that integrates DOS, Windows™, and Macintosh® personal computer users with UNIX® resources. It offers the power of UNIX to personal computer users on their own terms.

That is, users can access shared UNIX resources with commands they already know—there is no new interface to learn. They can access any file on any UNIX host regardless of which personal system on which it was created.



Product Highlights

Transparent File and Resource Sharing

Users see UNIX resources and files as though they are local PC facilities.

Standard DOS, Windows and Macintosh Commands

The use of standard DOS commands and the use of Windows and AppleShare® procedures mean there is nothing new for users to learn.

Non-Dedicated UNIX Server

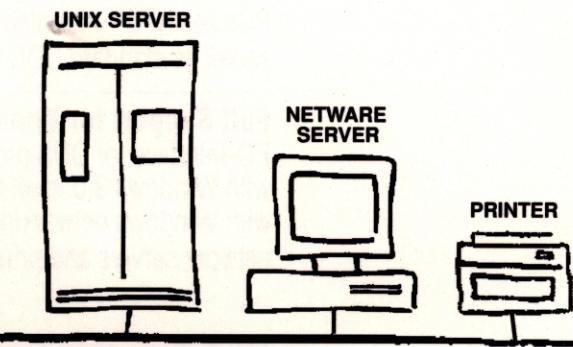
UNIX systems perform standard functions while simultaneously acting as DOS and Macintosh network servers.

Works on Novell NetWare Networks

PC-Interface for DOS can run along side the Novell client, thus giving users access to both Novell NetWare servers and UNIX PC-Interface servers.

The user's operation is not changed by the presence of a network or by the UNIX-based server(s).

PC-Interface for DOS is currently supported on a number of UNIX systems, making it a standard integration product. With the addition of Novell NetWare® co-existence, the product's functionality has been further extended.



Concurrent Multiple UNIX Host Systems Support

Personal computer users can connect to multiple UNIX systems concurrently for file and printer service.

Integrated DOS-Mac-UNIX File System and Security

Data integrity is ensured for DOS, Macintosh, and UNIX users because file and record locking and UNIX file permission modes are supported.

Printer Sharing

DOS and Macintosh users can access UNIX printers and DOS and UNIX users can access PostScript® printers connected to an AppleTalk network.

Full Function Terminal Emulation

Users can run UNIX applications directly from their personal computers over a LAN or any other connections. You get more powerful personal computers and eliminate the cost of additional terminals.

PC-Interface™ for DOS

Features

PC-Interface for DOS has a number of features specifically enhanced for DOS and Windows.

Supports all DOS PCs and DOS 3.1-5.0

This broad support ensures that you will be able to use virtually any current or future DOS systems with PC-Interface for DOS.

Low PC Memory Requirements

PC-Interface for DOS uses as little as 50 KB RAM, so you still have plenty of space for even the most memory-intensive applications.

NFS Interoperability

PCs see NFS®-mounted volumes on the UNIX server as standard DOS files.

Full Support for Windows 3.0

PC-Interface for DOS provides full integration with Windows 3.0 in all operating modes and with Windows networking utilities to connect to network servers and printers.

Remote Command Execution

By using the ON command provided, you can transparently execute UNIX commands and applications directly from the DOS command line.

Supports Locus' Application

Programming Interface (PCILIB)

Enables creation of distributed DOS-UNIX applications.

Ethernet, Token Ring and RS-232 Connections

You can connect your DOS PCs over high-speed Ethernet™ or Token-Ring™ connections or over serial lines for remote access. A wide variety of popular Ethernet and Token Ring cards is supported as well as the COM1:through COM4: serial ports.

Technical Specifications

PC-Interface for DOS is composed of two software components: a DOS bridge resident in the DOS PCs, and a server that runs on the UNIX host.

DOS Bridge

The DOS bridge includes the software for DOS and Windows users to connect to UNIX hosts for file and printer sharing. No third party networking software is required on the PC. The bridge is licensed on a per DOS user basis.

UNIX Server

The UNIX server is available on many different UNIX platforms from both Locus and various system vendors. Contact Locus or your system vendor for more information.

Hardware Requirements

DOS PC

- IBM® PC, PS/2™ or 100% compatible.
- Minimum 512 KB RAM; one 5.25" or 3.5" floppy.
- Ethernet or Token Ring network card for LAN.
- COM1: through COM4: serial ports for RS-232.
- Modem for remote operation.
- EGA/VGA card required for NLS support.

UNIX Host

- Vendor-supported Ethernet or Token Ring card for LAN operation; RS232 ports for serial connections of PCs.

Software Requirements

DOS PC

- MS/PC-DOS 3.1-5.0 (3.3 or above required for full NLS support).
- Microsoft Windows 3.0 for use with PC-Interface Windows networking facilities.

UNIX Host

- The DOS server has been ported to many UNIX system platforms such as System V Release 3 and later, AIX, and SCO XENIX®. Ask your Locus representative for a list of systems supported.
- TCP/IP services for Ethernet or Token Ring.

