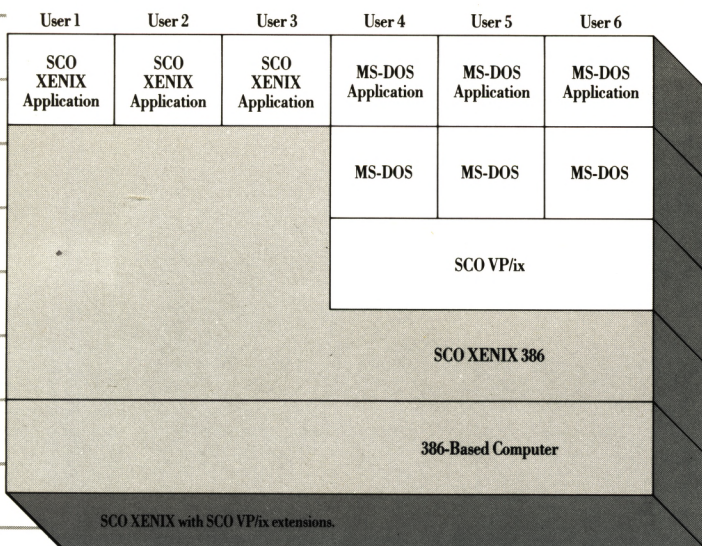


SCO™ VP/ix™ RELEASE 1.1

MULTIUSER, MULTITASKING MS-DOS®-UNDER-XENIX®



Multiple SCO VP/ix processes, running concurrently under SCO XENIX, support multiple DOS sessions in a fully paged, virtual memory environment, with each session in its own virtual address space. SCO VP/ix supports the LIM extended memory standard so that programs such as Lotus® 1-2-3® can utilize address spaces larger than 640Kbytes. (Note: SCO VP/ix emulates the LIM hardware using standard SCO XENIX memory. Actual LIM hardware is not required, or supported.)

SCO VP/ix provides MS-DOS applications with the full features of the SCO XENIX program, can access and share any MS-DOS or SCO XENIX file with no special procedures and no concern for file system boundaries. The integration of the MS-DOS and the SCO XENIX file system is completely transparent.

You may invoke either an MS-DOS program from an SCO XENIX session or an SCO XENIX program from an MS-DOS session. SCO VP/ix also supports full piping and redirection between SCO XENIX and MS-DOS files and processes without cumbersome file transfer utilities.

SCO VP/ix presents a pop-up, menu-driven user interface, complete with help screens. Menus provide options to indicate device configuration and to allow the user to create and manage MS-DOS and UNIX® system sessions.

Multiple SCO XENIX and DOS sessions are possible on the system console through the MultiScreen™ virtual screen manager. Note that programs which write to real or emulated display devices in graphics mode (supported on the console only) work with MultiScreens,™ allowing multiple graphics sessions.

SCO VP/ix supports both ASCII and IBM scan-code type, serial (RS-232) devices using terminfo and keyboard-mapping files. SCO VP/ix currently supports WYSE 50, WYSE 60,™ AT&T 605, HP 700/92, IBM 3151, Kimtron 70/PC, VT100™ and ANSI-standard asynchronous terminals.

- ▶ Runs IBM® PC-Compatible Applications Software as a Task under XENIX on Intel® 80386-based computers
- ▶ Includes Customized Version of MS-DOS and Microsoft® GW-Basic® Interpreter
- ▶ Runs Multiple Copies of MS-DOS Simultaneously
- ▶ Supports MS-DOS Graphics Applications on Video Hardware
- ▶ Provides Alternative to LAN Configurations that Includes up to 8 MS-DOS Machines per Server

With SCO VP/ix, you can run both SCO XENIX and MS-DOS applications simultaneously and transparently on the same machine, with no need for special disk partitioning. Multitasking, multiuser SCO XENIX 386 contains the special software "hooks" necessary to support SCO VP/ix running on top of SCO XENIX, creating a virtual PC environment. Standard DOS and MS-DOS applications can then run on top of SCO VP/ix as if they were running directly on the PC hardware.

By virtue of its serial ASCII terminal support, SCO VPI/x is compatible with SCO MultiView™, SCO's multitasking windowing environment. The combination of SCO MultiView and SCO VPI/x allows terminals to run concurrent MS-DOS and SCO XENIX applications in overlapping windows through a single serial port or over a remote LAN login. As with serial terminals, SCO MultiView does not support SCO VPI/x DOS graphics applications.

General Specifications

Hardware Emulated

The DOS hardware devices emulated by SCO VPI/x (and so "supported" by SCO VPI/x) are:

- ▶ Floppy drives A: and B:
- ▶ Fixed Drive C: (private)
- ▶ Fixed Drives D:, E:, ..., Z (public, sharable with XENIX)
- ▶ Monochrome, Hercules™ CGA, EGA, and VGA (graphics on console only)
- ▶ Multiple EGA and VGA Sun River Fiber Optic Stations™
- ▶ Keyboard
- ▶ Parallel Ports
- ▶ IBM Async ports
- ▶ Microsoft Bus Mouse
- ▶ CMOS RAM used for system configuration
- ▶ Sound

System Requirements:

- ▶ System: Any 80386-based industry-standard or Micro Channel™ Computer
- ▶ OS: SCO XENIX Release 2.3
- ▶ RAM: 2 Mbytes minimum, 4 Mbytes recommended. Add 1 Mbyte per each additional SCO VPI/x user.
- ▶ Disk Space: 10 Mbytes (minimum)
- ▶ Media: 96 tpi hd 5¼" PC-compatible or 135 tpi dshd 3½" PS/2™-compatible

NOTE: Available in 2 and 3+ user session versions

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