

OPENNT™ for Microsoft® WINDOWS NT™

Bringing UNIX™ Technology to Windows NT

OPENNT RELEASE 2.0

OPENNT Release 2.0 from Softway Systems is a UNIX-style operating system environment for Microsoft Windows NT. OPENNT is a complete user and developer product line for customers who need the power of UNIX systems on the world's fastest growing enterprise operating system - Windows NT. Whether you are a developer needing to port UNIX applications to Windows NT or a power user needing a full suite of UNIX utilities and internet tools, OPENNT is an indispensable addition. OPENNT is the only product to offer a complete, native UNIX-style environment for Windows NT. By using NT's subsystem architecture, OPENNT is able to provide a high performance, standards conforming platform that is tightly integrated with the existing tools and interfaces available on Windows NT.

FEATURES

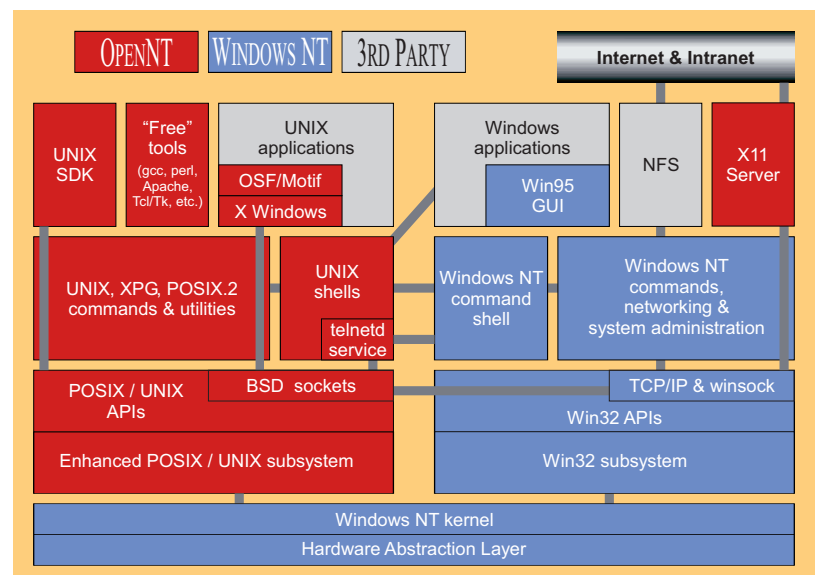
OPENNT Release 2.0 supports:

- POSIX.1, POSIX.2 and ANSI C interfaces
- BSD sockets mapped to Winsock
- SVID IPC (message queues, semaphores)
- shared memory, memory mapped files
- ability to exec Win32 applications from OPENNT
- full tty semantics mapped to console windows
- pseudo terminal support
- X11R5 Windowing System clients and libraries
- X11R6 Windowing System display server
- X11R6 fonts and font management
- OPENNTif™ (OSF/Motif® 1.2.4 window manager, libraries, development kit)
- *telnet* daemon service (multiuser login support)
- file link support, true case sensitive file names
- Over 200 UNIX and X11R5 commands and utilities
- UNIX shells - KornShell, Bourne shell, C shell
- UNIX scripting languages - *awk*, *perl*, *sed*, *Tcl/Tk*
- full shell job control
- full integration with Windows NT security model
- full integration with Windows NT file systems
- *cron* service, system service - daemon support
- internet clients - *ftp*, *telnet*, *ping*, *rsh*
- integrated tape device support
- color curses support
- UNIX development tools - *make*, *rcs*, *yacc*, *lex*, *cc*, *c89*, *nm*, *ar*, *strip*



With **OPENNT Release 2.0** users can run both Win32 and UNIX applications on the same desktop. Since OPENNT is a native subsystem, not an emulation product, there is no performance penalty for running your UNIX applications on OPENNT. Support is also provided for running your applications through multiuser shell access or network-based X Windows.

OPENNT ARCHITECTURE



BENEFITS

Who needs **OPENNT Release 2.0**?

- internet developers and ISPs who need UNIX tools and scripting (Apache, perl, UNIX shells and utilities)
- major corporate IT shops that want to maintain a "write once - deploy many" policy for applications across UNIX and NT
- corporate desktop sites that want to host both UNIX and Windows applications on a single platform
- system administrators who need remote login access using standard UNIX shells and utilities
- ISVs that want to use one workstation for developing both Windows and UNIX applications
- developers wanting to host multi-user character-based and graphical applications on Windows NT
- customers needing to port or develop UNIX-style background daemon applications
- all customers who want to capitalize on their UNIX investment as they move to Windows NT

PACKAGING AND REQUIREMENTS

OPENNT Release 2.0 is available in a number of different packaging options. Each base package includes:

- an enhanced POSIX / UNIX subsystem for Windows NT
- a comprehensive set of popular UNIX utilities and shells
- user documentation and release notes
- complete on-line reference documentation for all components in convenient Adobe Acrobat™ format
- MAN page documentation
- CD-ROM distribution

System requirements for **OPENNT Release 2.0**:

- Intel® x86, Pentium, Pentium Pro and compatible systems or Digital Alpha platforms
- Microsoft Windows NT 3.51 or higher (Workstation or Server)
- Microsoft Visual C/C++ 4.0 or higher (for development kits)
- 15-70 MB of available hard-disk space
- Windows NT supported CD-ROM drive and mouse

OPENNT PRODUCT LINE

	UNIX shells & utilities	UNIX development tools	X11R5 runtime	X11R5 development	X11R6 display server	OSF/Motif 1.2.4 Window Manager	OSF/Motif 1.2.4 development	telnet server
OPENNT WORKSTATION LITE	✓		✓					
OPENNT WORKSTATION	✓		✓		✓			Single User
OPENNT SERVER	✓		✓		✓			Multi-User
OPENNT X11 SERVER				✓				
OPENNT SOFTWARE DEVELOPMENT KIT		✓	✓					
OPENNTiF WINDOW MANAGER						✓		
OPENNTiF SOFTWARE DEVELOPMENT KIT						✓	✓	



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