

Pragma TelnetServer 2000

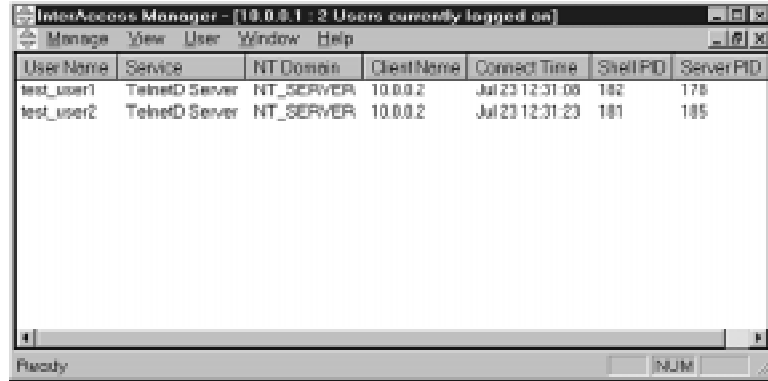
For Windows 2000/NT

Telnet Server. Telnet Client...Remote Access. Remote Applications. Remote Control.

Pragma Systems, Inc. has developed the Pragma TelnetServer 2000 which contains the industry's most feature complete Telnet Server for Windows 2000/NT you will ever find. Pragma TelnetServer 2000 is an internet connectivity package for Windows 2000/NT. It contains an Inet Server (Inetd), Telnet Server (Telnetd), Remote Shell Server (rshd), Remote Execute Server (rexecd) and two telnet clients (one console mode and the other Java based). The Inetd is similar to its UNIX counterpart which can start a Windows program when a client connects to a specified port. The Telnet Server runs the industry standard telnet protocol and allows any telnet client to log into a Windows 2000/NT machine. Since multiple telnet users can log in simultaneously, a Windows 2000/NT machine is turned into a multi-user machine. For easy management and configuration, two graphical management applications are provided. The Telnet Server Manager is provided to remotely manage telnet users logged on to the Windows 2000/NT machine. InterAccess Manager is included in the package to manage programs started by Inet Server and change the settings of Telnet Server. Pragma TelnetServer 2000 runs over TCP/IP using WinSock in the Windows 2000/NT environments and uses the native security of Windows 2000/NT for user authentication and logon access controls.

Pragma TelnetServer 2000 Users

- ◆ This product has uses for every Windows 2000/NT user. Whether you run Windows 2000/NT at home and would like to gain access through the internet to your home system using telnet, as an administrative tool in your corporate environment, or to access and turn your legacy DOS applications into multi-user applications. This product will allow you to do all of it.
- ◆ Telnet allows remote access to 2000/NT machines via any telnet client. This feature allows system management, configuration and monitoring to be done remotely. Thus, it can be used as an 2000/NT server management tool.
- ◆ A third audience for the TelnetServer 2000 product is the programmers and users who want to use the remote connectivity and access that telnet provides. Just having TelnetServer 2000 running in their office 2000/NT machine, they can telnet into it from home or other locations and run any of their console mode applications like vi and emacs editors, compilers and linkers, command line debuggers, ftp and netstat TCP/IP tools.
- ◆ A fourth audience is people who want to use the multi-user capability that telnet provides. A higher powered PC (based on Pentium for example) running 2000/NT can be interactively used by multiple users who have light-weight client machines on their desktop.



User Name	Service	NT Domain	Client Name	Connect Time	Shell PID	Server PID
test_user1	TelnetD Server	NT_SERVER	10.0.0.2	Jul 23 12:31:08	142	176
test_user2	TelnetD Server	NT_SERVER	10.0.0.2	Jul 23 12:31:23	101	105

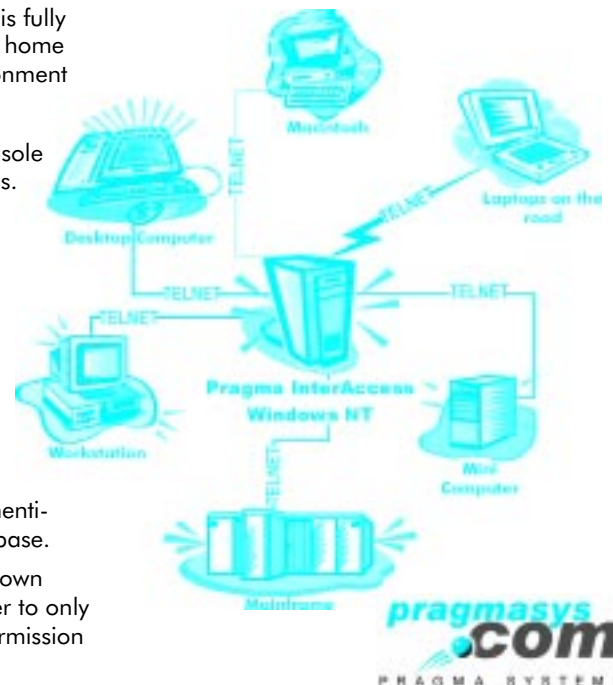
Features

Telnet Server Features

- ◆ Telnet access to a Windows 2000/NT machine from any telnet client.
- ◆ Full compliance with all telnet RFC's (RFC 854, 855, 856, 930, 1073, etc.).
- ◆ DEC VT 100/220/320/420, WYSE 50/60, ANSI, TTY and IBM ASCII terminal emulations are supported.
- ◆ Color, full PC keyboard and character sets are supported.
- ◆ Screen sizes of any size acceptable to 2000/NT are supported.
- ◆ Fully encrypted and secured logon are supported when Pragma's Console Telnet Client is used (bundled and runs in 95/98/2000/NT).
- ◆ Each telnet user environment is fully configurable with choice of shells, home directory, screen colors and environment variables setup.
- ◆ Can run any character or console mode program over telnet sessions. This includes any 16-bit, 32-bit or DOS applications. Examples are: edit.com, command.com, vi, emacs, pmon, net, ftp, lynx, perl and shells ported from UNIX.
- ◆ Special features for hand held RF devices: data packet size option for slow network links and small screen sizes.
- ◆ Integration with NT's native security to allow a user logon authentication via NT's user account database.
- ◆ Each remote user runs in their own security context which allows a user to only access the resources they have permission from 2000/NT.

InetD Server Features

- ◆ Listens on TCP/IP ports and starts any Windows program when a client connects to a given TCP or UDP socket.
- ◆ Reduces system load by only starting programs when they are needed.
- ◆ Inetd runs as a background process requiring no user to be logged on.
- ◆ Inetd is used to start Pragma's telnetd, rshd, rexecd and management services. It can be easily extended to start other user programs.
- ◆ IP filtering allows for limiting connections by IP address for added security.



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Features of Other Servers

◆ Rshd server allows any rsh client to run a command in Windows 2000/NT and see its output. Typically used for submitting batch jobs. Access to rshd is defined by standard entries in .rhosts file.

◆ Rexecd server allows any rexec client to run a command in Windows 2000/NT and see its output. Typically, it is used for non-interactive job execution. Security is implemented like in the telnet server.

Telnet Clients Bundled

◆ A full featured console mode 32-bit telnet client supporting VT 100/220/320/420 emulation is included. It can be used to connect to any telnet server. It has advanced features like mouse-support, encryption, PragmaTerm mode and file transfer which works only when used to connect to any Pragma telnet server.

◆ Pragma's Java Telnet Client supports VT 220 emulation and can be run as an application or as an applet within a browser.

InterAccess Manager Features

◆ One single GUI program does all system configuration for all of the modules of InterAccess: Inetd, Telnet and other servers.

◆ Manages the list of programs to be started by the Inetd and each of their settings like socket port, program path and IP filtering information.

◆ Stand alone telnet/rexec user accounts are created by easy dialogs.

◆ Each telnet user has environment settings and choice setups.

How to Order

Visit Pragma's web site at:

http://www.pragmasys.com

to order on-line or to download a FREE fully functional evaluation copy.

To order from USA call:

1-800-224-1675

International sales call:

1-512-219-7270

Contact Pragma for pricing and quantity discount information.

Specifications

◆ Windows NT Server or Workstation operating system running 3.51, 4.0 or Windows 2000.

◆ Intel x86 and Alpha AXP processors are supported.

◆ 32 MB of system memory and 2 MB of memory is recommended per remote session.

◆ 10 MB available hard disk space.

◆ Runs with Windows NT TCP/IP using WinSock.

◆ Telnet clients from the following environment have successfully logged into the Windows 95/98 Pragma InterAccess: Sun OS, Solaris, HP-UX, AIX, NCR, Data General, Linux, Motorola, Digital UNIX, UnixWare, BSD x86, Windows NT/95/98/2000, Microsoft Windows, OS/2 and Macintosh.



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