

Other Distinct Products

Distinct offers the following products for TCP/IP connectivity in the Windows and Windows for Workgroups environment.

[Distinct TCP/IP for Windows - End user applications](#)

[Distinct TCP/IP for Windows - Software Development Kit - Standard Edition](#)

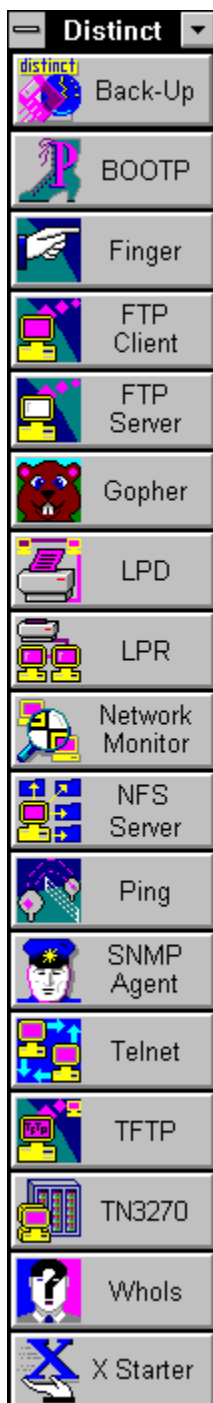
[Distinct TCP/IP for Windows - Software Development Kit - Professional Edition](#)

[Distinct TCP/IP for Windows - Software Development Kit - Visual Edition](#)

[Distinct Windows Sockets](#)

[Ordering Information](#)

THE DISTINCT TCP/IP FOR WINDOWS™ PRODUCT LINE



Distinct TCP/IP for Windows is a family of products for TCP/IP network connectivity. These include: **Distinct Telnet** which allows multiple concurrent Telnet sessions on different remote hosts, allowing you to cut and paste information between these systems as well as between the systems and your local host. **Distinct FTP** is the first and only drag and drop FTP file transfer utility for Microsoft Windows. The graphical representation of local and remote file systems, coupled with the drag and drop approach (as opposed to point and click), hide the complexity of the network from users. Distinct FTP has both a

client and a **server**, this means that files can be also transferred by selected users from PC to PC (password protection is included). With Distinct FTP you can even drag any local or remote file to a local printer. **TFTP** provides file transfer services to communications servers and routers that do not have FTP. **Network Monitor** monitors host-to-host communication and data transmission traffic and is able to capture network traffic to a file. **Distinct LPR/LPD** allows for seamless printing from any Windows or DOS application from inside Windows directly to any LPD printer on the network. It further includes an LPR program, and an LPD server that allows you to turn any PC on the network into a print server. **Distinct Finger** is an easy to use query program for getting information about machines on the Internet and their users. **Distinct Whols** allows you to query any whois server to get information about a particular Internet user who is registered there. **Distinct Gopher** allows you navigate through any gopher server on the Internet. **Distinct TN3270** is an advanced TN3270 emulator. **Distinct NFS Client** provides transparent access to network file systems allowing users to share files and programs across the network. **Distinct NFS Server** allows you to share your files across a PC based network. **Distinct X/32 for Windows** is an advanced 32-bit X server that seamlessly integrates X with Microsoft Windows. Fully MIT X11R5 compliant, Distinct X/32 harnesses the 32-bit power to produce even higher performance. It includes extensive and flexible font support, an efficient resource and performance display system, color map reservation system and much more. **Distinct Back-Up with TAR** allows you to selectively back up files on your PC directly to a UNIX tape.

Here's what's in each package:

Distinct TCP/IP Tools for Windows includes: Distinct Telnet, Distinct FTP Client and Server, Distinct Network Printing, LPR/LPD, Distinct Gopher, Distinct TN3270, Network Monitor, SNMP Agent, BOOTP Server, Finger, Whols and Ping and the Distinct TCP/IP protocol stack with Lan support and dialer.

Distinct NFS for Windows includes: Distinct NFS client and server, Distinct Network Printing, LPR/LPD and the Distinct TCP/IP protocol stack with Lan support and dialer.

Distinct X/32 for Windows includes the Distinct 32-bit X server which is fully MIT X11R5 compliant and the Distinct TCP/IP protocol stack with Lan support and dialer. Several new applications are also under development, therefore contact a Distinct representative if you have a particular need.

Distinct Back-Up with TAR includes the Distinct Back-Up program with a TAR engine.

For a brief description of each program in the Distinct TCP/IP Tools bar, click on the button now.

As the Lan Computing DP Labs Testing Center wrote ["Distinct TCP/IP indeed deserves the designation "distinctive"."](#)

Contact the Distinct Sales department for more information about any of Distinct's products.

The **BOOTP server** allows the system administrator to setup multiple machines on a single network to run with Distinct TCP/IP without having to configure each machine individually. The BOOTP server creates a centralized database of information that each PC access when it uses a TCP/IP based application.

Network Configuration is part of the Distinct TCP/IP Run-Time. It contains a Windows interface to your system configuration. It also allows you to fine tune TCP, UDP and IP parameters to suit your specific needs. Network Configuration is needed to set up your serial connectivity (SLIP or PPP). If you received the Distinct Run Time through an OEM you may not have received this program.

Distinct Finger allows you to query machines for the list of users currently logged in to the machine as well as to get more detailed information about users of that particular system.

Distinct FTP is the first and only drag and drop FTP file transfer utility for Microsoft Windows. The graphical representation of local and remote file systems, coupled with the drag and drop approach (as opposed to point and click), hide the complexity of the network from users. This is a genuine masterpiece!

Distinct FTP Server allows you to let other network users access selected directories and files on your PC. This is the only FTP server that allows you to select which users can access which files and deny access to other users. FTP Server comes with full password protection.

Distinct LPD allows you to turn any PC on the network into a print server so that network users can share network printers. This program is full featured and includes security levels and advanced queue management. This is a very efficient and inexpensive way to do printer sharing on your network.

Distinct LPR lets you print any file to an LPD on the network. This program comes with queue management capabilities. Virtual printing that allows you to print directly from any Windows or DOS application to an LPD on the TCP/IP network also comes as part of the LPR package.

Network Monitor is a well integrated set of utilities for debugging and network administration. Utilities include Ping, Statistics, ARP and IP among others. It is able to monitor the host to host communication and the data packet traffic providing detailed statistics showing the packets transmitted and received. It reports errors as they occur and is able to save the network packet traffic to a file.

Distinct Ping allows you to ping machines to check if the network is up and running or if those systems are running. If you have any Distinct product, Distinct Ping was probably included.

Distinct Telnet allows multiple concurrent Telnet sessions on different remote hosts, allowing you to cut and paste information between these systems as well as between the systems and your local host.

Distinct TFTP provides file transfer services to communications servers and routers that do not have FTP.

DISTINCT^(R) WINDOWS SOCKETS

If you received the Distinct TCP/IP run time through a Distinct OEM, you may not have licensed the Windows Sockets DLL. You can upgrade your current Run Times to the Distinct Windows Sockets Run Time directly from Distinct Corporation.

DISTINCT^(R) TCP/IP FOR WINDOWS™ SDK - STANDARD EDITION

Distinct TCP/IP for Windows - Software Development Kit contains three development kits in one, making this the most comprehensive client and server development package for Windows TCP/IP connectivity on the market today. Distinct TCP/IP Software Development Kit includes:

Distinct TCP/IP for Windows - Berkeley-style Sockets

(TCP, UDP, ICMP, Telnet, FTP, NetWin, SMTP, POP2/POP3, NNTP, RLIB)

Distinct TCP/IP for Windows - Windows Sockets

Distinct RPC - a complete ONC RPC/XDR toolkit for Windows

(Client and Server RPC over both TCP and UDP; includes RPCGEN)

All of the above are Windows Sockets ver. 1.1. compliant.

Distinct TCP/IP is engineered as the **SMALLEST**, **fastest** and **most efficient** Windows Dynamic Link Libraries (DLLs) available for TCP/IP. The protocol stack is 100% DLL and saves virtually all of your DOS memory. Distinct loads only one 4KB driver in DOS memory (TSR implementations load between 70 - 200KB in memory for the TSR and have to preallocate all the buffers for each socket you wish to open during a session - these buffers are in DOS memory). In addition to being a DLL, Distinct makes full use of Windows Discardable memory - this means that even when the stack is loaded it consumes less global memory than any other DLL or TSR implementation on the market today. In recent lab testing Distinct has outperformed all competing products in file transfer rates by substantial margins.

Distinct TCP/IP allows up to 128 concurrent sockets, and buffers for these are allocated and removed when sockets are opened and closed -minimizing the burden of unnecessary memory allocation. Each TCP socket has user definable memory buffer size (1KB to 32KB). The Distinct stack includes extra features like Reverse ARP and BOOTP client AND server.

Distinct further supports a wide range of programming languages that include Microsoft C, Borland C++, Visual Basic and Turbo Pascal. Includes C++ class libraries for some of the APIs.

Over 400 KB of source code samples are included in the kit at no additional cost.

Distinct TCP/IP supports Ethernet, Token-Ring, FDDI, ISDN, SLIP, CSLIP and PPP. In addition Distinct will also run on several ARCNET boards that are able to use the Packet driver. Distinct is a member of the PPP consortium and as such has successfully tested its implementation against that of all major hardware vendors offering PPP today.

The package includes support for Packet, NDIS and ODI drivers allowing it to coexist on the same Network Interface Card with several other network operation systems such as Novell Netware, Banyan Vines, Lan Manager, Lantastic and Dec Pathworks.

Installation is flexible and easy to use allowing you to install only those modules that you require in the directories that you require.

Distinct TCP/IP for Windows SDK has been awarded the **BasicPro Readers' Choice Award** asserting its all round quality in different programming environments.

DISTINCT^(R) TCP/IPTM FOR WINDOWSTM - PROFESSIONAL EDITION

The **Distinct TCP/IP Software Development Kit - Professional Edition** includes both the Distinct TCP/IP Software Development Kit - Standard Edition and several Distinct TCP/IP applications such as Telnet, FTP client and server, Network Printing, Finger, Network Monitor, and others.

DISTINCT^(R) TCP/IPTM FOR WINDOWSTM - VISUAL EDITIONTM

Distinct has created a unique way to allow developers with only minimal knowledge of TCP/IP to write custom TCP/IP applications. Distinct's Custom Controls have been engineered to speed up the development cycle for Visual Basic(TM) developers. By using these custom controls developers can write TCP/IP applications without ever making a DLL call. This unique software development kit is Distinct's latest addition to its extensive suite of programming tools for the TCP/IP developer in the Windows environment.

Why use Custom Controls?

Some environments such as Visual Basic are not designed to handle either upcalls or polling, which is how DLLs handle notification of errors and incoming data. Distinct's custom controls free the developer from handling upcalls or polling by using events to deliver incoming data, errors and status changes directly to the application.

Windows Sockets

Distinct's support for Windows Sockets now extends to the non-TCP/IP programmer. Through these easy-to-use custom controls, programmers can access Windows Sockets without actually making any socket calls themselves.

FTP

Distinct's FTP Custom Control is a highly sophisticated control that allows Visual Basic programmers to incorporate FTP based file transfer capabilities inside of their Visual Basic programs to meet their specific needs.

Telnet

Custom Telnet programs can now be written hassle free. Opening and closing connections could not be made easier than this. This custom control allows you to include Telnet type login capabilities from within Visual Basic applications.

SMTP

The Distinct SMTP control allows you to integrate SMTP (Simple Mail Transfer Protocol) capabilities into your application without any DLL calls or socket programming.

POP2/POP3

The Distinct POP control allows you to integrate Post Office Protocol (POP) capabilities into your application. The control establishes the TCP connection to the POP server running POP2 or POP3.

NNTP

The Distinct NNTP control allows you to integrate Network New Transfer Protocol (NNTP) capabilities into your application. It provides an interface to navigate through all the available network news groups on a server and to retrieve and post news articles.

TCP Server

The Distinct TCP Server control is specifically used for the writing of TCP servers without having to access DLLs.

R-Utilities

The R-Utilities control allows you to integrate Rexec, Rlogin and RShell commands seamlessly into your custom application.

RCP

The RCP control allows you to integrate the ability to run remote copy commands directly from your application.

Source Code Samples

The package comes complete with sample programs for FTP, Telnet, Ping and a TCP client and server.

Additional Programming Support

The Distinct TCP/IP Software Development Kit - Visual Edition is all you need to write your Visual Basic applications. Should you, however, require lower level access to the Distinct DLLs, Distinct provides such capabilities in the Standard and Professional Editions of the Distinct TCP/IP Software Development Kit.

ORDERING INFORMATION

Distinct's products may be ordered through reseller channels or directly from Distinct Corporation. For more information call, email or fax us.

Fax: **(408) 366-0153**

Tel: **(408) 366-8933**

email: **mktg@distinct.com**

Distinct Corporation
P.O. Box 3410,
Saratoga, CA 95070.

If you have any further questions you may call Distinct Sales or use the Distinct Fastfacts system to obtain more detailed information. To use Fastfacts, dial **(408) 366-2101** from a touch tone telephone attached to your fax machine.

All product names used in this information file are trademarks or registered trade marks of their respective owners. All specifications are subject to change without notice.

Distinct Gopher is an easy to use program that allows you to browse through all Gopher servers on the Internet.

Distinct E-mail allows you to send and receive e-mail directly on your computer. It is easy to use for both your corporate e-mail needs as well as for sending e-mail to your friends and business associates over the Internet.

Distinct NFS Server allows you to share your directories with other NFS network users. Used in combination with Distinct's NFS client, this program provides the complete solution for file and program sharing over TCP/IP based networks.

Distinct SNMP Agent allows system administrators to monitor your PCs through a MIBII Network Management program.

Distinct TN3270 is an advanced Windows based TN3270 emulation program. It supports multiple terminal mode (3278/79 Models 2,3,4, and 5), extended attributes, color terminal support, keyboard remapping, print screen capability, macros, color remapping, host printer facilities, hotspots, drag and drop editing and much more.

Distinct Whois allows you to query any whois server to get information about a particular Internet user who is registered there.

Distinct X/32 is an advanced 32-bit X server that seamlessly integrates X with Microsoft Windows. Fully MIT X11R5 compliant, Distinct X/32 harnesses the 32-bit power to produce even higher performance. It includes extensive and flexible font support, an efficient resource and performance display system, color map reservation system and much more.

Distinct Back-Up with TAR provides you with the friendliest way to backup your files selectively directly to a tape on your UNIX machine. With Distinct Back-Up with TAR you can share one UNIX tape drive amongst several network users.

