C H A P T E R 1

About the CiscoRemote Package

CiscoRemote® is a fully integrated suite of Internet applications and remote network access protocols for Microsoft Windows. The product contains all the applications and features required to access your company's network or the Internet by using a modem and phone connection from anywhere in the world.

CiscoRemote provides remote access to Microsoft and Novell file and print servers; remote access, control and file transfer between PCs; TCP/IP and PPP/SLIP protocol software for accessing the Internet; Internet applications for browsing the World Wide Web, uploading and downloading files, accessing host computers using terminal emulation, participating in USENET newsgroups, sending and receiving electronic mail, and performing other useful networking tasks.

The product contains the best application and protocol software available and has been customized and integrated for optimal interoperability and use with Cisco remote access servers. The application suite includes Powerburst remote node accelerator from Airsoft, Inc., Netscape Navigator from Netscape Communications, Inc., Timbuktu Pro remote control software from Farallon Computing, Inc., and TCP/IP protocol software and Internet applications from Network TeleSystems, Inc.

CiscoRemote is easy to install and use. To use CiscoRemote you merely need a phone number and a few pieces of information from your company's Network Administrator or a PPP or SLIP account with a local Internet service provider. Within minutes you will be accessing your company's network servers or cruising the Internet.

What's Included?

CiscoRemote includes the following:

- TCP/IP (Transmission Control Protocol/Internet Protocol)
- Netware client (including IPX/SPX protocols)
- PPP (Point to Point Protocol) and SLIP (Serial Line Internet Protocol)
- Connect application for managing dial-up and connection to remote networks
- Powerburst remote node accelerator
- Netscape Navigator for browsing the Internet
- Eudora Light for sending and receiving electronic mail
- Timbuktu Pro for controlling other computers remotely
- News Reader to access USENET
- FTP (File Transfer Protocol) client for transferring files
- FTP Server (File Transfer Protocol Server) to allow other users access to data on your PC
- TFTP Server (Trivial File Transfer Protocol Server) to allow intelligent devices, such as Cisco routers, to access data on your computer (used primarily by Network Administrators)
- Telnet (Terminal Emulation) connects to remote hosts and acts like a directly attached terminal
- TN3270 terminal emulation connects to remote IBM mainframes and acts as a 3270 type terminal
- Ping for testing network connections (used primarily by Network Administrators)
- Windows Sockets and NetBIOS APIs (Application Program Interface)
- NBUTIL for configuring NetBIOS over TCP/IP connections

Before You Begin

System Requirements

Before you begin installation be sure that your PC meets the following minimum system requirements.

Hardware

386, 486, or Pentium PC

4 Megabytes of RAM (8 or more recommended)

15 Megabytes of available hard disk space for a full installation

9600 baud modem (14400 baud modem or faster highly recommended)

Software

DOS 5.0 or later (DOS 6.0 or later is recommended)

Windows 3.1 or Windows for Workgroups 3.11

Setup Information Needed

Remote Site

You will also need some information about how to setup the phone connection to your company's network or an Internet service provider. Not all of this information is required. The information listed in Table 1-1 includes *everything* that could be required (but typically is not!). Contact your company's Network Administrator or your Internet service provider to determine what information is required. Please make note of this information, you may need it during the installation of CiscoRemote.

Table 1-1   Site Information to be Gathered

Required Setup Information	Enter Information
IP address for your PC	
Network Submask	
Gateway IP Address	
Domain Name Server IP address	
Remote SITE to select during configuration (provided by Network Administrator)	
Telephone number(s) of remote SITE	

Local Modem Information

In addition to the information provided by the Network Administrator, you also need some information about your modem and the local telephone "conventions." Table 1-2 below has the information that you will need to have available.

Table 1-2   Local Modem Information Required

Required Setup Information	Enter Information
Modem COM port, or Interrupt and IO Address of the modem (rarely necessary)	
Maximum speed of your modem	
Your local area code	
Special characters needed for outside line or Special dialing sequences; for instance, *70 to disable call waiting tones (optional)	

Once you have gathered and noted this information, you are ready to begin the installation of CiscoRemote.