



About This Guide

This section explains the objectives, intended audience, and organization of the *Cisco 7206 Installation guide*, and defines the conventions used to convey instructions and information.

Cisco documentation and additional literature are available on a CD-ROM called Cisco Connection Documentation, Enterprise Series. The CD is updated and shipped monthly so it might be more up to date than printed documentation. To order the Cisco Connection Documentation, Enterprise Series CD, contact your local sales representative or call Customer Service. The CD is available both as a single CD and as an annual subscription. You can also access Cisco technical documentation on the World Wide Web URL <http://www.cisco.com>.

Note The Cisco Connection Documentation, Enterprise Series CD was previously called UniverCD.

Document Objectives

This installation guide explains the initial hardware installation and basic configuration procedures for the Cisco 7206 router. It contains procedures for unpacking and installing the router hardware, creating a basic configuration file, and starting up the router. After completing the installation and basic configuration procedures covered in this guide, you will then use the appropriate companion publications to more completely configure your system.

Audience

To use this publication, you should be familiar with Cisco router hardware and cabling, electronic circuitry and wiring practices, and preferably have experience as an electronic or electromechanical technician.

For comprehensive descriptions and examples of software configuration commands and the procedures for implementing them, refer to the related software configuration and reference documentation listed in the section “If You Need More Information” in the chapter “Performing a Basic Configuration of the Cisco 7206.”

Document Organization

This installation guide is organized into the following chapters and appendixes:

- Chapter 1, “Product Overview,” describes the physical properties of the Cisco 7206 and provides a functional overview of the router.
- Chapter 2, “Preparing for Installation,” is a preparatory section that describes safety considerations, tools required, an overview of the installation, and procedures you should perform *before* the actual installation.
- Chapter 3, “Installing the Cisco 7206,” provides instructions for installing the hardware and connecting the external network interface cables.
- Chapter 4, “Performing a Basic Configuration of the Cisco 7206,” provides simple procedures for completing a basic system configuration and for checking and saving this configuration to system memory.
- Chapter 5, “Troubleshooting the Installation,” provides guidelines for troubleshooting the hardware installation.
- Chapter 6, “Maintaining the Cisco 7206,” provides simple, maintenance, procedures that you might need to perform after you have installed your Cisco 7206.
- Appendix A, “Industry-Standard Wiring Plans,” lists the telephone industry color-code scheme for 25-pair wires including the pin numbers.
- Appendix B, “Translated Safety Warnings,” lists translations of the safety warnings that appear throughout this publication.

Document Conventions

This publication uses the following conventions:

- The symbol ^ represents the key labeled *Control*. For example, the key combination ^z means hold down the *Control* key while you press the *z* key.

Command descriptions use these conventions:

- Examples that contain system prompts denote interactive sessions, indicating the commands that you should enter at the prompt. The system prompt indicates the current level of the EXEC command interpreter. For example, the prompt `router>` indicates that you should be at the *user* level, and the prompt `router#` indicates that you should be at the *privileged* level. Access to the privileged level usually requires a password. Refer to the related software configuration and reference documentation listed in the section “If You Need More Information” in Chapter 4 for additional information.
- Commands and keywords are in **boldface** font.
- Arguments for which you supply values are in *italic* font.
- Elements in square brackets ([]) are optional.
- Alternative but required keywords are grouped in braces ({ }) and separated by vertical bars (|).

Examples use these conventions:

- Terminal sessions and sample console screen displays are in *screen* font.
- Information you enter is in **boldface screen** font.
- Nonprinting characters, such as passwords, are in angle brackets (<>).
- Default responses to system prompts are in square brackets ([]).
- Exclamation points (!) at the beginning of a line indicate a comment line.

Document Conventions



Caution Means *reader be careful*. You are capable of doing something that might result in equipment damage or loss of data.

Note Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in this manual.



Timesaver Means *the described action saves time*. You can save time by performing the action described in the paragraph.



Warning Means *danger*. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. (For translated versions of this warning and other warnings in this guide, refer to the appendix “Translated Safety Warnings.”)

Terms and Acronyms

To fully understand the content of this user guide, you should be familiar with the following terms and acronyms:

- DMA—Direct memory access
- DRAM—Dynamic random-access memory
- DCE—Data communications equipment
- DTE—Data terminal equipment
- FRU—Field-replaceable unit (router components that do not require replacement by a Cisco-certified service provider)
- NVRAM—Nonvolatile random-access memory
- OIR—Online insertion and removal
- PCI—Peripheral component interconnect
- SRAM—Static random-access memory
- EPROM—Erasable programmable read-only memory
- Gbps—Gigabits per second
- MB—Megabyte
- PCMCIA—Personal Computer Memory Card International Association
- RFI—Radio frequency interference
- RISC—Reduced instruction set computing
- SIMM—Single in-line memory module
- SNMP—Simple Network Management Protocol
- TFTP—Trivial File Transfer Protocol

Obtaining Technical Assistance

For technical information and assistance, use Cisco Connection Online (CCO)—Cisco's primary, real-time support channel. (Cisco Connection Online was previously called Cisco Information Online [CIO].)

You can access CCO in the following ways:

- WWW: <http://www.cisco.com>
- Telnet: `cco.cisco.com`
- Modem: From North America, 408 526-8070; from Europe, 33 1 64 46 40 82. Use the following terminal settings: VT100 emulation; data bits: 8; parity: none; stop bits: 1; and baud rates up to 14.4 kbps.

For a copy of CCO's Frequently Asked Questions (FAQs), contact `cco-help@cisco.com`. For additional information, contact `cco-team@cisco.com`.

Note If you are a network administrator and need personal technical assistance with a Cisco product that is under warranty or covered by a maintenance contract, contact the Technical Assistance Center (TAC) at 800 553-2447, 408 526-7209, or send an e-mail message to `tac@cisco.com`. To obtain general information about Cisco Systems, Cisco products, or upgrades, contact 800 553-6783, 408 526-7208, or `cs-rep@cisco.com`.
