



# About This Guide

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This section explains the objectives, intended audience, and organization of the *Cisco 7204 Installation and Configuration 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, which ships with your chassis. The CD is updated and shipped monthly, so it might be more up to date than printed documentation. To order additional copies of 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>.

## Document Objectives

This installation guide explains the initial hardware installation and basic configuration procedures for the Cisco 7204 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 7204.”

## Document Organization

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

- Chapter 1, “Product Overview,” describes the physical properties of the Cisco 7204 and provides a functional overview of the router.
- Chapter 2, “Preparing for Installation,” is a preparatory chapter 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 7204,” provides instructions for installing the hardware and connecting the external network interface cables.
- Chapter 4, “Performing a Basic Configuration of the Cisco 7204,” 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 7204,” provides simple maintenance procedures that you might need to perform after you have installed your Cisco 7204.
- Appendix A, “Industry-Standard Wiring Plans,” lists the telephone industry color-code scheme for 25-pair wires including the pin numbers.

## Document Conventions

This publication uses the following conventions:

- In screen displays, 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

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

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

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**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 publication *Regulatory Compliance and Safety Information for the Cisco 7200 Series Routers* (Document Number 78-3419-xx). This publication accompanies every Cisco 7204 that is shipped from the factory. This document is also available on the Cisco Connection Documentation, Enterprise Series CD, and on Cisco Connection Online (CCO).

## Terms and Acronyms

To fully understand the content of this installation and configuration 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>.
- WWW: <http://www-europe.cisco.com>.
- WWW: <http://www-china.cisco.com>.
- Telnet: [cco.cisco.com](http://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; databits: 8; parity: none; stop bits: 1; and baud rates up to 14.4 kbps.

For a copy of CCO's Frequently Asked Questions (FAQ), contact [cco-help@cisco.com](mailto:cco-help@cisco.com). For additional information, contact [cco-team@cisco.com](mailto:cco-team@cisco.com).

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**Note** If you need technical assistance with a Cisco product that is under warranty or covered by a Cisco maintenance contract, contact Cisco's Technical Assistance Center (TAC) at 800 553-2447, 408 526-7209, or [tac@cisco.com](mailto:tac@cisco.com). Use CCO to obtain general information about Cisco Systems, Cisco products, or upgrades. If CCO is not accessible, contact 800 553-6387, 408 526-7208, or [cs-rep@cisco.com](mailto:cs-rep@cisco.com).

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