

# About This Manual

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This section discusses the objectives, audience, organization, and conventions of the *Protocol Translator Command Reference*.

## Document Objectives

This manual provides an in-depth description of the commands necessary for configuring and maintaining your protocol translator. It describes tasks only in the context of using a particular command; it does not describe how the tasks interrelate or provide comprehensive configuration examples. It can be used as a standalone reference manual or in conjunction with the *Protocol Translator Configuration Guide*.

## Audience

This manual is intended as a standalone document for experienced users who will be configuring and maintaining protocol translators and who just need to reference commands. For less-experienced users who need to understand the tasks as well as the commands, it is intended as a companion guide to the *Protocol Translator Configuration Guide*.

## Document Organization

The organization of chapters in this manual matches the organization of chapters in the *Protocol Translator Configuration Guide*, except that this document contains appendixes. The chapters in this manual are as follows:

- The “Product Overview” chapter provides an overview of protocol translator functionality and hardware configuration options.
- The “X.25 Configuration Commands” chapter describes the commands you use to configure X.25 networks, including Link Access Procedure, Balanced (LAPB) connections.
- The “TCP/IP Configuration Commands” chapter describes the commands you use to configure the Internet protocol on your protocol translator.
- The “LAT Configuration Commands” chapter describes the commands you use to configure the Local Area Transport (LAT) protocol on your protocol translator.
- The “TN3270 Configuration Commands” chapter describes the commands you use to configure your protocol translator for a TN3270 environment.
- The “XRemote Configuration Commands” chapter describes the commands you use to configure your protocol translator to support XRemote telecommuting services.

- The “Protocol Translation Configuration Commands” chapter describes the commands you use to configure your protocol translator to support protocol translation.
- “Appendixes” contains six appendixes consisting of recommended reading, Ethernet type codes, regular expressions, the ASCII character set, obsolete features, and descriptions of the X.3 PAD parameters.

For information on the following topics, refer to the applicable chapters in the *Router Products Command Reference*:

- Understanding the user interface
- Loading system images, microcode images, and configuration files
- Configuring terminal sessions and modem support
- Managing the system
- Configuring interfaces
- Configuring Frame Relay
- Configuring SMDS

## Document Conventions

This publication uses the following conventions:

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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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- The symbol ^ represents the key labeled *Control*.  
For example, the key combination ^D means hold down the *Control* key while you press the *D* key.
- A string is defined as a nonquoted set of characters. For example, when setting up a community string for SNMP to “public,” do not use quotes around the string, or the string will include the quotation marks.

Command descriptions use these conventions:

- 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:

- Examples that contain system prompts denote interactive sessions, indicating that the user enters commands at the prompt. The system prompt indicates the current command mode. For example, the prompt `CPT(config)#` indicates global configuration mode.
- Terminal sessions and information the system 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.

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**Note** The examples in this manual represent a variety of protocol translator models, including the CPT, the Cisco 3000, and the IGS. For more information about these protocol translator models, refer to the section “Protocol Translator Models” in Chapter 1.

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