



About This Manual

This section discusses the objectives, audience, organization, and conventions of the *Protocol Translator Configuration Guide*.

Document Objectives

This manual describes the tasks necessary to configure and maintain a protocol translator that is to be used in one or more of the following environments: X.25, TCP/IP, Local Area Transport (LAT), TN3270, or XRemote. It includes task overviews, expanded descriptions of tasks, and comprehensive configuration examples. It does not provide complete command syntax information, and therefore must be used in conjunction with the *Protocol Translator Command Reference* publication.

Audience

This manual is intended for users who will be configuring and maintaining a protocol translator. Users should have prior networking experience and should be familiar with their own network topologies.

Document Organization

This document is organized as follows:

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

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

- 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:

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

- 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.

Note The examples in this manual (sample output and illustrations) represent a variety of protocol translator models, including the CPT, the Cisco 3000, and the IGS. For details on these protocol translator models, see the section “Protocol Translator Models” in Chapter 1.
