



About This Guide

This section discusses the objectives, audience, organization, and conventions of the *Cisco 1020 User Guide*.

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Document Objectives

This publication contains the initial site preparation, installation, troubleshooting, and selected upgrade, maintenance, and configuration procedures.

For further software configuration and command information, refer to the *Cisco 1020 Command Reference* manual. The *Cisco 1020 Command Reference* manual is available on UniverCD or a printed copy can be ordered separately.

Audience

This publication is for the router installer, who is familiar with telecommunications and data communications wiring practices. Users of this publication include network administrators and anyone interested in setting up and maintaining the Cisco 1020.

Summary of Contents

Following are the chapters and appendixes included in this publication:

Chapter 1, “Cisco 1020 Overview,” contains an overview of the Cisco 1020 features and physical specifications.

Chapter 2, “Preparing for Installation,” includes safety recommendations, tools and equipment, site requirements, an installation checklist, console and external modem port cable conditions, network connection considerations, and instructions for inspecting the new system.

Chapter 3, “Installing the Cisco 1020,” provides instructions for wall-mounting, desktop operation, procedures for making external connections, and information about what to do after installing the hardware.

Chapter 4, “Configuring the Cisco 1020,” presents configuration information for six common uses of the Cisco 1020, as well as sections on passwords, connecting to the Cisco 2509/2511, and testing.

Appendix A, “Cabling Specifications,” provides cable and interface pinouts for all of the connections on the Cisco 1020.

Appendix B, “Updating Software,” describes the procedures required to download software upgrades to the Cisco 1020 from a TFTP server.

Appendix C, “Command Reference,” provides alphabetical lists of all Cisco 1020 commands, by type. More detailed command information is provided in the separate Cisco 1020 Command Reference.

Appendix D, “Supported Protocols and MIBs,” lists the internetworking protocols and Management Information Bases (MIBs) supported by the Cisco 1020.

Appendix E, “Modems,” provides a listing of verified and certified modems.

Appendix F, “Regulatory Compliance,” outlines United Kingdom and European Community regulations pertaining to the Cisco 1020.

Document Conventions

This publication uses the following conventions to convey instructions and information.

Command descriptions follow these conventions:

- Commands and keywords are in **boldface** font.
- Elements in square brackets ([]) are optional.
- Alternative but required keywords are grouped in braces ({ }) and separated by a vertical bar (|).

Examples follow these conventions:

- 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 shown in angle brackets (< >).
- Information the system displays is in *screen* font.
- Default responses are in square brackets([]).
- Exclamation points (!) at the beginning of a line indicate a comment line.

Document Conventions

Notes, timesavers, cautions, and warnings use the following conventions and symbols:

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



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



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



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 standard practices for preventing accidents.