



# CHAPTER 1

## Health and Safety Overview

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**Warning**

**This warning symbol 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. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device.**

### SAVE THESE INSTRUCTIONS

- Read the installation instructions before connecting the system to the power source. Statement 1004
- The device is designed to work with TN power systems. Statement 19
- The power supply must be placed indoors. Statement 331
- This equipment is intended to be grounded. Ensure that the host is connected to an earth ground during normal use.
- When installing the unit, always make the ground connection first and disconnect it last.

Use only the Cisco-supplied combination of power cord, plug, and adapter—if any—that shipped with the equipment, or which you ordered separately. Otherwise, if you use other such supplies, including similar supplies that Cisco might sell for use with similar equipment, you:

- Might damage or destroy data, equipment, or other property.
- Might cause any combination of electrical shock, electrical fire, injury, or loss of life.
- Will void the warranties for Cisco equipment.
- Do not work on the system or connect or disconnect cables during periods of lightning activity.
- This product relies on the building's installation for short-circuit (overcurrent) protection. Ensure that the protective device is rated not greater than: 120 VAC, 15A U.S. (240 VAC, 10A international)
- The plug-socket combination must be accessible at all times, because it serves as the main disconnecting device.
- To avoid electric shock, do not connect safety extra-low voltage (SELV) circuits to telephone-network voltage (TNV) circuits. LAN ports contain SELV circuits, and WAN ports contain TNV circuits. Some LAN and WAN ports both use RJ-45 connectors. Use caution when connecting cables.
- Installation of the equipment must comply with local and national electrical codes.
- Ultimate disposal of this product should be handled according to all national laws and regulations.

## General Precautions

Observe the following precautions.

- Never open the equipment. Only an authorized technician should service its components.
- If any of the following conditions occur, unplug the equipment and contact an authorized technician.
  - The power cable, extension cord, or plug is damaged.
  - Any foreign object has entered the equipment.
  - The equipment has been exposed to or any liquid.
  - The equipment has been dropped or damaged.
  - The equipment does not operate correctly when you follow its operating instructions.
- Do not spill anything on the equipment.
- Observe extension cord and power strip ratings. Make sure that the total ampere rating of all products plugged into the extension cord or power strip does not exceed 80 percent of the extension cord or power strip ampere ratings limit.
- Do not modify power cords or plugs. Consult a licensed electrician or your power company for site modifications. Always follow your local and national wiring rules.

## Protect Against Electrostatic Discharge

Static electricity might harm sensitive components. To prevent this damage, discharge static electricity from your body before you touch equipment. You can also take the following steps to prevent damage that might result from electrostatic discharge.

- When transporting equipment, first place it in an antistatic container or packaging.
- Do not leave equipment where other people can handle and possibly damage it.
- Take additional care when handling equipment during cold weather. Heating reduces indoor humidity and increases static electricity.

## Regulatory Compliance and Safety Information

See [http://cisco.com/en/US/products/ps7220/prod\\_installation\\_guides\\_list.html](http://cisco.com/en/US/products/ps7220/prod_installation_guides_list.html).