



CHAPTER 5

Safety

This section describes the following topics:

- [Electrical Safety, page 5-1](#)
- [ESD Procedures, page 5-2](#)

Electrical Safety

To avoid an electric shock or damage to the Cisco Unified Videoconferencing 3545 chassis, servicing should be performed by qualified service personnel only.

To reduce the risk of damaging power surges, Cisco recommends installing an AC surge arrester in the AC outlet from which the Cisco Unified Videoconferencing 3545 chassis is powered.



Warning

Changes or modifications to the device that are not approved by the party responsible for compliance could void the user's authority to operate the equipment.



Warning

There is a danger of explosion if the cPCI board battery is incorrectly replaced. Replace with the same type, or an equivalent type recommended by the manufacturer. Dispose of used batteries only according to manufacturer instructions.

Grounding

The power cable of the Cisco Unified Videoconferencing 3545 chassis should only be connected to a power outlet that has a protective earth contact. Do not use an extension cord that does not have a protective conductor (ground). The Cisco Unified Videoconferencing 3545 chassis can become dangerous if you interrupt any of the protective conductors (grounding) or disconnect any of the protective earth terminals.

High Voltage

Disconnect the Cisco Unified Videoconferencing 3545 chassis from the power line before removing the cover. Avoid any adjustment, maintenance, or repair of an opened chassis under voltage. These actions should only be carried out by a skilled person who is aware of the dangers involved. Capacitors inside the chassis may still be charged, even if the unit has been disconnected from the power source.

ESD Procedures

To prevent damage to Cisco element boards by random electrostatic discharge (ESD), the use of wrist straps is highly recommended.