



# Regulatory Compliance and Safety Information for the Cisco Unified Wireless IP Phone 7920

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## **Australia and New Zealand**

This document provides regulatory compliance and safety information for the Cisco Unified Wireless IP Phone 7920, and contains the following sections:

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# Translated Safety Warnings

This section provides the basic warnings appropriate for the Cisco Unified Wireless IP Phone 7920. Please read the following sections before installing or using your Cisco Unified Wireless IP Phone 7920.

## Warning Definition



Warning

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### IMPORTANT SAFETY INSTRUCTIONS

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. Statement 1071

**SAVE THESE INSTRUCTIONS**

## Installation Instructions



Warning

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**Read the installation instructions before connecting the system to the power source.** Statement 1004

## Equipment Installation



Warning

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**Only trained and qualified personnel should be allowed to install, replace, or service this equipment.** Statement 1030

## Work During Lightning Activity



Warning

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**Do not work on the system or connect or disconnect cables during periods of lightning activity.**

## Power Supply Installation Warning



Warning

The power supply must be placed indoors. Statement 331

## Main Disconnecting Device for the Battery Charger



Warning

The plug-socket combination must be accessible at all times, because it serves as the main disconnecting device. Statement 1019

## Short-circuit Protection for the Battery Charger



Warning

This product requires short-circuit (overcurrent) protection, to be provided as part of the building installation. Install only in accordance with national and local wiring regulations. Statement 1045



Warning

The battery charger must be used indoors only.

## Battery Handling



Warning

There is the danger of explosion if the battery is replaced incorrectly. Replace the battery only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions. Statement 1015

## Product Disposal



Warning

Ultimate disposal of this product should be handled according to all national laws and regulations. Statement 1040

## Power Outage Warning



Warning

This equipment will be inoperable during a power outage because of reliance on utility power for normal operation. **Emergency Services Warning**

## Emergency Services Warning



Warning

This phone is not designed for making emergency calls. Alternative arrangements should be made for access to emergency services.

## Explosive Gas Warning



Warning

The use of the Cisco Unified Wireless IP Phone 7920 in hazardous environments such as areas where high levels of explosive gas may be present is not recommended. Check with the site safety engineer before using any type of wireless device in such an environment.

## Battery Disposal Warning



Warning

Do not dispose of the battery pack in fire or water. The battery may explode if placed in the fire.


## Compliant Phone Accessories



Warning

Use only AS/ACIG S004 compliant headsets and accessories with this phone.

## Fire Hazard Warning Symbol

The fire hazard symbol  is used to warn you that it is hazardous to place this equipment in a fire.










## Battery Safety Notices

These battery safety notices apply to the batteries that are approved by the Cisco Unified Wireless IP Phone 7920 manufacturer.



Caution

This symbol means *reader be careful*. In this situation, you might do something that could result in equipment damage. Refer to the product documentation for instructions.

-  **Caution** The battery pack is intended for use only with this device.
-  **Caution** Do not disassemble, crush, puncture, or incinerate the battery pack.
-  **Caution** To avoid risk of fire, burns, or damage to your battery pack, do not allow a metal object to touch the battery contacts.
-  **Caution** Handle a damaged or leaking battery with extreme care. If you come in contact with the electrolyte, wash the exposed area with soap and water. If the electrolyte has come in contact the eye, flush the eye with water for 15 minutes and seek medical attention.
-  **Caution** Do not charge the battery pack if the ambient temperature exceeds 104 degrees Fahrenheit (40 degrees Celsius).
-  **Caution** Do not expose the battery pack to high storage temperatures (above 140 degrees Fahrenheit, 60 degrees Celsius).
-  **Caution** When discarding a battery pack, contact your local waste disposal provider regarding local restrictions on the disposal or recycling of batteries.
-  **Caution** To obtain a replacement battery, contact your local dealer. Use only the batteries that have one of the following Cisco part numbers: CP-BATT-7920-STD (standard battery) or CP-BATT-7920-EXT (extended use battery).
-  **Caution** Use only the power supply that is provided by Cisco to charge the battery. The Cisco part number is CP-PWR-7920-AU (for Australia).

## Safety Guidelines

The following are safety guidelines for using the Cisco Unified Wireless IP Phone 7920 in specific environments:

- The use of wireless devices in hazardous locations is limited to the constraints posed by the safety directors of such environments.
- The use of wireless devices on airplanes is governed by the Federal Aviation Administration (FAA).
- The use of wireless devices in hospitals is restricted to the limits set forth by each hospital.

# Regulatory Compliance and Safety Standards

The Cisco Unified Wireless IP Phone 7920 meets the regulatory compliance and safety standards in [Table 1](#).

**Table 1** *Regulatory Compliance and Safety Standards*

| Regulatory Compliance        | Standard   |
|------------------------------|--|
| <b>Safety</b>                | <ul style="list-style-type: none"> <li>• IEC 60950</li> <li>• AS/NZS 60950</li> </ul>  |
| <b>EMC/EMI</b>               | <ul style="list-style-type: none"> <li>• AS/NZS 3548 Class B</li> </ul>  |
| <b>Telecom</b>               | <ul style="list-style-type: none"> <li>• AS/ACIF S004</li> <li>• AS/ACIF S040-HAC</li> </ul>   |
| <b>Radio</b>                 |  |
| <b>USA</b>                   | <ul style="list-style-type: none"> <li>• FCC Part 15.247</li> </ul>  |
| <b>Australia/New Zealand</b> | <ul style="list-style-type: none"> <li>• AS/NZS 4771 2000</li> </ul>   |
| <b>RF Exposure</b>           | <ul style="list-style-type: none"> <li>• OET-65C (01-01)</li> <li>• ANSI C95.1 (91)</li> <li>• RSS-102</li> <li>• AS/NZS 2772</li> </ul> |

## SAR Statement

The Cisco Unified Wireless IP Phone 7920 handset has been tested for body-worn Specific Absorption Rate (SAR) compliance using the specific belt-clip/holster configuration provided with the handset. The FCC has established the detailed body-worn SAR requirements and has established that these requirements have been met with the specific belt-clip/holster provided with the handset. Other belt-clip/holsters or similar accessories that have not been tested may not comply and therefore should be avoided.

## RF Exposure Information

The radio module has been evaluated under FCC Bulletin OET 65C (01-01) and found to be compliant to the requirements as set forth in CFR 47 Sections 2.1091, 2.1093, and 15.247 (b) (4) addressing RF Exposure from radio frequency devices. This model meets the applicable government requirements for exposure to radio frequency waves.

This wireless phone contains a radio transceiver. The radio transceiver and antenna have been designed to meet the RF emission requirements for human exposure as specified by the FCC as well as by other agencies from other countries. These guidelines were developed by the industry based on guidance from the World Health Organization (WHO). These industry standards have been developed to include additional safety margins to ensure that the user is exposed to the least amount of RF radiation.

The radio transceiver uses a non ionization type of radiation as opposed to a ionized radiation such as an X-Ray wave.

The exposure standard for these devices references a unit of measure known as SAR. The limit as set by the FCC is 1.6W/kg. The tests for this emission level is done in an independent laboratory who employs test methods and operating positions reviewed by the FCC and other agencies.

Before the phone was placed on the market, the product was tested and certified in accordance with the FCC regulations to verify that the product did not exceed the FCC SAR requirements.

The highest SAR level measured for this phone was 0.54 W/kg.

Additional information on SAR and RF Exposure can be obtained off the FCC website at:

[www.fcc.gov/oet/rfsafety](http://www.fcc.gov/oet/rfsafety)

There is no conclusive proof that these mobile phones are or are not a health risk. The FDA and numerous researchers are continuing studies of RF radiation and health issues. Additional information on this subject can be obtained from the FDA web site at: [www.fda.gov](http://www.fda.gov).

A recent Swedish study concluded that there is no link between the RF energy emitted from mobile phones and cancer. For more information, refer to the article written by John Boice and Joseph McLaughlin entitled "Epidemiological Studies of Cellular Telephones and Cancer Risk."

The Cisco Unified Wireless IP Phone 7920 operates at power levels that are 5 to 6 times lower than most standard cellular, Personal Communications Service (PCS), or Global System for Mobile Communication (GSM) phones. This lower power coupled with a lower transmitter duty cycle reduces the user's exposure to the RF fields.

There are several suggested methods to reduce exposure for the user. Among those include:

1. Using a hands-free handset to increase the distance between the antenna and the head of the user.
2. Orienting the antenna away from the user.

Additional information can be obtained from the following documentation:

- *Cisco Systems Spread Spectrum Radios and RF Safety* white paper at the following location:  
[http://www.cisco.com/warp/public/cc/pd/witc/ao340ap/prodlit/rfhr\\_wi.htm](http://www.cisco.com/warp/public/cc/pd/witc/ao340ap/prodlit/rfhr_wi.htm)
- FCC Bulletin 56: Questions and Answers about Biological Effects and Potential Hazards of Radio Frequency Electromagnetic Fields
- FCC Bulletin 65: Evaluating Compliance with the FCC guidelines for Human Exposure to Radio Frequency Electromagnetic Fields
- FCC Bulletin 65C (01-01): Evaluating Compliance with the FCC guidelines for Human Exposure to Radio Frequency Electromagnetic Fields: Additional Information for Evaluating Compliance for Mobile and Portable Devices with FCC limits for Human Exposure to Radio Frequency Emission

Additional information can also be obtained from the following organizations:

- World Health Organization Internal Commission on Non-Ionizing Radiation Protection at [www.who.int/emf](http://www.who.int/emf)
- United Kingdom, National Radiological Protection Board at [www.nrpb.org.uk](http://www.nrpb.org.uk)
- Cellular Telecommunications Association at [www.wow-com.com](http://www.wow-com.com)
- Reorient or relocate the receiving antenna.
- Increase separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician.

**Caution**

The Part 15 radio device operates on a non-interference basis with other devices operating at this frequency. Any changes or modification to said product not expressly approved by Cisco, including the use of non-Cisco antennas, could void the user's authority to operate this device.

## Related Documentation

The following publications are companion documents to the *Regulatory Compliance and Safety Information for the Cisco Unified Wireless IP Phone 7920*:

- *Cisco Unified Wireless IP Phone 7920 User Guide*
- *Cisco Unified Wireless IP Phone 7920 Administrator Guide*
- *Cisco Unified Wireless IP Phone 7920 Accessory Guide*
- *Release Notes for the Cisco Unified Wireless IP Phone 7920*
- *Cisco Unified Wireless IP Phone 7920 Design and Deployment Guide*

## Obtaining Documentation

Cisco documentation and additional literature are available on Cisco.com. Cisco also provides several ways to obtain technical assistance and other technical resources. These sections explain how to obtain technical information from Cisco Systems.

### Cisco.com

You can access the most current Cisco documentation at this URL:

<http://www.cisco.com/cisco/web/support/index.html>

You can access the Cisco website at this URL:

<http://www.cisco.com>

You can access international Cisco websites at this URL:

[http://www.cisco.com/public/countries\\_languages.shtml](http://www.cisco.com/public/countries_languages.shtml)

### Documentation DVD

Cisco documentation and additional literature are available in a Documentation DVD package, which may have shipped with your product. The Documentation DVD is updated regularly and may be more current than printed documentation. The Documentation DVD package is available as a single unit.

Registered Cisco.com users (Cisco direct customers) can order a Cisco Documentation DVD (product number DOC-DOCDVD=) from the Ordering tool or Cisco Marketplace.

Cisco Ordering tool:

<http://www.cisco.com/en/US/partner/ordering/>

Cisco Marketplace:

<http://www.cisco.com/go/marketplace/>

## Ordering Documentation

You can find instructions for ordering documentation at this URL:

[http://www.cisco.com/univercd/cc/td/doc/es\\_inpk/pdi.htm](http://www.cisco.com/univercd/cc/td/doc/es_inpk/pdi.htm)

You can order Cisco documentation in these ways:

- Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Ordering tool:  
<http://www.cisco.com/en/US/partner/ordering/>
- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, USA) at 408 526-7208 or, elsewhere in North America, by calling 1 800 553-NETS (6387).

## Documentation Feedback

You can send comments about technical documentation to [bug-doc@cisco.com](mailto:bug-doc@cisco.com).

You can submit comments by using the response card (if present) behind the front cover of your document or by writing to the following address:

Cisco Systems  
Attn: Customer Document Ordering  
170 West Tasman Drive  
San Jose, CA 95134-9883

We appreciate your comments.

## Cisco Product Security Overview

Cisco provides a free online Security Vulnerability Policy portal at this URL:

[http://www.cisco.com/en/US/products/products\\_security\\_vulnerability\\_policy.html](http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html)

From this site, you can perform these tasks:

- Report security vulnerabilities in Cisco products.
- Obtain assistance with security incidents that involve Cisco products.
- Register to receive security information from Cisco.

A current list of security advisories and notices for Cisco products is available at this URL:

<http://www.cisco.com/go/psirt>

If you prefer to see advisories and notices as they are updated in real time, you can access a Product Security Incident Response Team Really Simple Syndication (PSIRT RSS) feed from this URL:

[http://www.cisco.com/en/US/products/products\\_psirt\\_rss\\_feed.html](http://www.cisco.com/en/US/products/products_psirt_rss_feed.html)

## Reporting Security Problems in Cisco Products

Cisco is committed to delivering secure products. We test our products internally before we release them, and we strive to correct all vulnerabilities quickly. If you think that you might have identified a vulnerability in a Cisco product, contact PSIRT:

- Emergencies — [security-alert@cisco.com](mailto:security-alert@cisco.com)
- Nonemergencies — [psirt@cisco.com](mailto:psirt@cisco.com)



### Tip

We encourage you to use Pretty Good Privacy (PGP) or a compatible product to encrypt any sensitive information that you send to Cisco. PSIRT can work from encrypted information that is compatible with PGP versions 2.x through 8.x.

Never use a revoked or an expired encryption key. The correct public key to use in your correspondence with PSIRT is the one that has the most recent creation date in this public key server list:

<http://pgp.mit.edu:11371/pks/lookup?search=psirt%40cisco.com&op=index&exact=on>

In an emergency, you can also reach PSIRT by telephone:

- 1 877 228-7302
- 1 408 525-6532

## Obtaining Technical Assistance

For all customers, partners, resellers, and distributors who hold valid Cisco service contracts, Cisco Technical Support provides 24-hour-a-day, award-winning technical assistance. The Cisco Technical Support Website on Cisco.com features extensive online support resources. In addition, Cisco Technical Assistance Center (TAC) engineers provide telephone support. If you do not hold a valid Cisco service contract, contact your reseller.

### Cisco Technical Support Website

The Cisco Technical Support Website provides online documents and tools for troubleshooting and resolving technical issues with Cisco products and technologies. The website is available 24 hours a day, 365 days a year, at this URL:

<http://www.cisco.com/techsupport>

Access to all tools on the Cisco Technical Support Website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a user ID or password, you can register at this URL:

<http://tools.cisco.com/RPF/register/register.do>



### Note

Use the Cisco Product Identification (CPI) tool to locate your product serial number before submitting a web or phone request for service. You can access the CPI tool from the Cisco Technical Support Website by clicking the **Tools & Resources** link under Documentation & Tools. Choose **Cisco Product Identification Tool** from the Alphabetical Index drop-down list, or click the **Cisco Product Identification Tool** link under Alerts & RMAs. The CPI tool offers three search options: by product ID

or model name; by tree view; or for certain products, by copying and pasting **show** command output. Search results show an illustration of your product with the serial number label location highlighted. Locate the serial number label on your product and record the information before placing a service call.

## Submitting a Service Request

Using the online TAC Service Request Tool is the fastest way to open S3 and S4 service requests. (S3 and S4 service requests are those in which your network is minimally impaired or for which you require product information.) After you describe your situation, the TAC Service Request Tool provides recommended solutions. If your issue is not resolved using the recommended resources, your service request is assigned to a Cisco TAC engineer. The TAC Service Request Tool is located at this URL:

<http://www.cisco.com/techsupport/servicerequest>

For S1 or S2 service requests or if you do not have Internet access, contact the Cisco TAC by telephone. (S1 or S2 service requests are those in which your production network is down or severely degraded.) Cisco TAC engineers are assigned immediately to S1 and S2 service requests to help keep your business operations running smoothly.

To open a service request by telephone, use one of the following numbers:

Asia-Pacific: +61 2 8446 7411 (Australia: 1 800 805 227)

EMEA: +32 2 704 55 55

USA: 1 800 553-2447

For a complete list of Cisco TAC contacts, go to this URL:

<http://www.cisco.com/techsupport/contacts>

## Definitions of Service Request Severity

To ensure that all service requests are reported in a standard format, Cisco has established severity definitions.

**Severity 1 (S1)**—Your network is “down,” or there is a critical impact to your business operations. You and Cisco will commit all necessary resources around the clock to resolve the situation.

**Severity 2 (S2)**—Operation of an existing network is severely degraded, or significant aspects of your business operation are negatively affected by inadequate performance of Cisco products. You and Cisco will commit full-time resources during normal business hours to resolve the situation.

**Severity 3 (S3)**—Operational performance of your network is impaired, but most business operations remain functional. You and Cisco will commit resources during normal business hours to restore service to satisfactory levels.

**Severity 4 (S4)**—You require information or assistance with Cisco product capabilities, installation, or configuration. There is little or no effect on your business operations.

## Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- Cisco Marketplace provides a variety of Cisco books, reference guides, and logo merchandise. Visit Cisco Marketplace, the company store, at this URL:

<http://www.cisco.com/go/marketplace/>

- *Cisco Press* publishes a wide range of general networking, training and certification titles. Both new and experienced users will benefit from these publications. For current Cisco Press titles and other information, go to Cisco Press at this URL:

<http://www.ciscopress.com>

- *Packet* magazine is the Cisco Systems technical user magazine for maximizing Internet and networking investments. Each quarter, Packet delivers coverage of the latest industry trends, technology breakthroughs, and Cisco products and solutions, as well as network deployment and troubleshooting tips, configuration examples, customer case studies, certification and training information, and links to scores of in-depth online resources. You can access Packet magazine at this URL:

<http://www.cisco.com/packet>

- *Internet Protocol Journal* is a quarterly journal published by Cisco Systems for engineering professionals involved in designing, developing, and operating public and private internets and intranets. You can access the Internet Protocol Journal at this URL:

<http://www.cisco.com/ipj>

- World-class networking training is available from Cisco. You can view current offerings at this URL:

<http://www.cisco.com/en/US/learning/index.html>