



# Cisco VG30D Voice Gateway Safety Guide

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## Approvals, Safety Instructions and Statutory Information

This information must be read prior to use of this equipment and overrides as appropriate any information in respect of connection and use of the equipment. Address any enquiries regarding U.K. regulatory aspects of this equipment to Cisco Systems, Inc.



**Caution**

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To avoid electric shock, do not remove covers. No user serviceable parts. Any unauthorised attempt to repair or dismantling of this unit will invalidate warranty and safety approvals.

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## Connection to Mains Voltage Supply

The wires in the mains lead are coloured in accordance with the following code. As the colours of the wire in the mains lead may not correspond with the coloured markings in the plug, proceed as follows:

- The wire coloured green and yellow must be connected to the terminal marked E or by the earth symbol or coloured green, or green and yellow.
- The wire coloured blue must be connected to the terminal marked N or coloured black or blue.
- The wire coloured brown must be connected to the terminal marked L or coloured red or brown.



### Note

Install the Cisco VG30D Voice Gateway in a place that is near the mains power socket-outlet. Install the Cisco VG30D Voice Gateway in a place from which you can reach the mains outlet easily.

## Replacing the Mains Fuse



### Warning

**For continued protection against the risk of fire and shock hazard, replace fuses only with the same type and rating: Fuse Type T2A H 250V**

## Product Servicing

This product contains no user serviceable parts. Any attempt by non-qualified personnel to gain access inside the product enclosure will compromise the terms of the approval quoted above. Should such access be attempted, liability will not be accepted if the equipment is shown subsequently not to be in compliance with the terms of approval.



### Warning

**This equipment must only be installed and maintained by qualified service personnel.**

## Network Connections

This apparatus has been approved for the following interfaces:

- Private Circuits at interfaces in the UK compatible with G.703 (75 ohms) at 2048 kbit/s, or
- Private Circuits at interfaces compatible with G703 (120 ohms) at 2048 kbit/s

## Equipment Port Classification

The ports are classified as shown in [Table 1](#).

**Table 1**                      **Port Classification**

<b>Name</b>	<b>Type</b>
Port 1	TNV1
Port 2	TNV1
Ethernet	SELV
Alarm	SELV
Craft	SELV

## Electrical Safety Compliance

Safety complies with EN 60950-1:2001, IEC60950-1:2001, AS/NZS 60950:2000, UL60950-1 1st edition and EN 60950 2nd Edition.

## EMC Compliance

EMC complies with EN55022:1994 +A1 +A2 and EN55024:1998 +A1 +A2.

## Earthing Cable

The units must be installed with an earthing cable in accordance with EN 60950:2000 Clause 6.1.2.2.

This requires a PVC covered earth cable (longitudinal green and yellow coloured stripes in accordance with EN 60950 / IEC60950) and must be connected to the chassis earth stud on the back of the unit. The specification of the earth connecting cable is:

- Current rating 17 Amps, with a cross sectional area of 1.5 mm<sup>2</sup>
- Wire 7/0.53 mm
- Terminated at the Cisco VG30D Voice Gateway unit with an M3 ring terminal 1-2.6 mm<sup>2</sup> conductor

## Lithium Cell

This product includes integrated circuits containing a lithium cell. This device is identified by the words **Lithium Battery** on its case and is fitted in position U4 on the processor card (M48T37V-10MH 1 TR).



### Caution

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Risk of explosion if battery is replaced with incorrect type. Dispose of used batteries according to instructions.

Do not dispose of in fire. This warning must be strictly adhered to.

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### Vorsicht

**Explosionsgefahr wenn Batterie ersetzt durch falsche Type. Wenden Sie die Batterien an, den Weisungen nach.**

## Flammability

Flammability meets the requirements of EN 60950-1:2001, IEC60950-1:2001, AS/NZS 60950:2000, UL60950-1 1st edition, and EN 60950 2nd Edition.

## CE Mark

To meet essential requirements of the R&TTE Directive (1999/5/EC), the following declarations are made for CE marking.

## EMC Declaration of Conformity

This product meets the requirements of the European Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

The product complies with the requirements of the following:

- EN55022:1994 inc Amendment 1:1995 and Amendment 2:1996 Information Technology Equipment- Radio Disturbance Characteristics- Limits and methods of measurement
- EN55024:1998 inc Amendment 1:1995 and Amendment 2:2003 Information Technology Equipment- Immunity Characteristics- Limits and Methods of Measurement.
- EN55022:2006 Telco Lines
- EN6100-3-3:2006
- EN6100-3-3:A2:2005



### Warning

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**This is a Class A product. In a domestic environment this product may cause radio interference, in which case the user may be required to take adequate measures.**

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### Note

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The domestic environment is an environment where the use of broadcast radio and television receivers may be expected within a distance of 10m of the apparatus concerned.

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## Safety Declaration of Conformity

The Cisco VG30D Voice Gateway product meets the requirements of the European Low Voltage Directive (LVD) 73/23/EEC.

The product complies with the requirements of EN60950-1:2001 2nd Edition for safety of information technology equipment, including electrical business equipment.

## Special National Conditions

### Norway

The local distributor of the Cisco VG30D Voice Gateway product in Norway must attach a self adhesive label placed just above the fuse rating, which is situated above the mains inlet filter. This label displays the following text in Norwegian:

**Apparatet må kun tilkoples jordet stikkontakt**

### Spain

The local distributor of the Cisco VG30D Voice Gateway product in Spain must supply a plug compliant with the requirements of UNE-EN 50075:1993.

### Sweden

The local distributor of the Cisco VG30D Voice Gateway product in Sweden must attach a self adhesive label placed just above the fuse rating, which is situated above the mains inlet filter. This label displays the following text in Swedish:

**Apparaten skall anslutas till jordat uttag när den ansluts till ett nätverk**

### Switzerland

The local distributor of the Cisco VG30D Voice Gateway product in Switzerland must supply a moulded plug that conforms to SEC/ASE 1011.

### Denmark

The local distributor of the Cisco VG30D Voice Gateway product in Denmark must ensure that the power supply cord is provided with a moulded plug.

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