



Telephone Gateway

HC-PHONEGTWY4

The Telligence™ Telephone Gateway facilitates the integration of telephone operations over the IP patient-staff communications network using the Voice over IP (VoIP) communications protocol. With this gateway connected and properly installed, it is possible to place and receive telephone calls at enabled Telligence devices such as staff consoles, smart patient and staff/duty stations, annunciators, and other analog telephone devices to the facility's PBX.

The Telephone Gateway automatically routes VoIP traffic by means of the IP Telephony protocol. It is set up and configured at the Telligence Bridge or other networked PC.

Features

- Integrates telephone operations with the patient-staff communications network
- Uses Voice over IP (VoIP) protocol
- Four ports for connection of incoming telephone lines
- Carrier-grade voice quality
- Automatic firmware and configuration file download
- Built in transient and surge protection
- Software configurable trunk type connection
- Supports Caller ID and G3 fax



Technical specifications

Communication with the facility's Public Switched Telephone Network (PSTN) is made by connecting up to four telephone extensions from the PSTN to the four RJ-11 Gateway ports. Communication with the Telligence LAN/WAN is made by connecting an IP network cable to the Gateway's RJ-45 port. An IP address for the Gateway is required.

The Gateway may be set up and configured at any PC on the Telligence network. The configuration program uses a web interface.

Where more than four incoming telephone lines are required, up to three gateways may be used. Telligence Telephone Gateways are stackable or rack-mountable with optional mounting kits.

Performance specifications

The Telligence Nurse Call LAN/WAN is equipped with analog trunk ports that connect to PBX extension ports.

The telephone gateway provides access to wired telephones connected to the hospital's telephone system. It allows communication between a wired or wireless telephone and a nurse call patient or staff station. The call information includes the room and bed identification, call type, and patient name if available. The telephone gateway communicates using telephone standard protocols.

The telephone gateway is programmable via any personal computer that is connected to the network, either on site or remotely. The gateway accepts multiple inputs and outputs to connect multiple systems on site.

Power specifications

Power source 100 to 240 VAC, 50/60Hz

Environmental specifications

Storage temperature -20°C to 70°C
(-4°F to 158°F)

Operating temperature 0°C to 40°C
(32°F to 104°F)

Physical specifications

Dimensions Without rack mounting tabs
(HxWxD) 4.6 x 22.4 x 18.3 cm
(1.8 x 8.8 x 7.2 in)

Mounting Desktop stackable or rack mountable
with 3rd party hardware

Finish ABS plastic

Certifications

IEC60950 3rd Edition (1999), with all national deviations, UL60950 3rd Edition (2000), CAN/CSA-C22.2 No. 60950-00, FCC Part 15 (1998) Class A, EN55024 (1998), FCC Part 68:Subpart D, Industry Canada CS-03 Issue 8 Part 1

GE Healthcare
8200 West Tower Avenue
Milwaukee, WI 53223
USA

www.gehealthcare.com



© 2009 General Electric Company – All rights reserved.

General Electric Company reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation. Contact your GE Representative for the most current information.

Not to be used for installation purposes.

GE and GE Monogram are trademarks of General Electric Company.

Telligence is a trademark of GE Medical Systems Information Technologies, Inc.

GE Medical Systems Information Technologies, Inc. a General Electric Company, doing business as GE Healthcare.