

GE
Security
Sound and Communications

Product Guide

Telligence™

Voice-over-IP

Patient-Staff Communication System



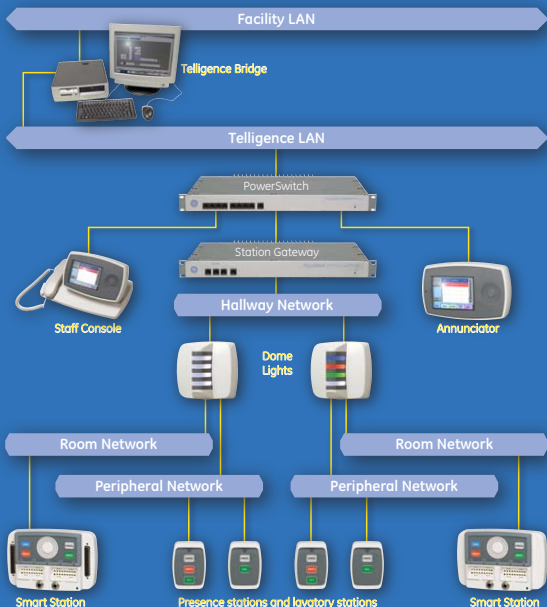
imagination at work

Tellige

Voice-over-IP Patient-Staff Communication System

Built to work with
your existing network...

A robust network with Powered Ethernet resides on industry standard cabling.



nice™



Designed to meet the needs of *your* facility...

- ***ColorTouch™ User Interface***
Patient-staff communications
at your fingertips.
- ***HearingAid™ Audio***
For crystal clear voice communication.
- ***Choice™ Programming***
You control system operation
– it doesn't control you.
- ***NiteLite™ Station Illumination***
No more fumbling in the dark.
- ***Infinity™ Dome Lights***
One light. Infinite possibilities.
- ***Telligence Software***
A powerful software suite that takes
system usability to a new level.

ColorTouch™

Patient-staff communications
at your fingertips...

*A large
touchscreen
display with
intuitive controls
constantly shows
the time elapsed
since calls were
made.*

Connect	8601	Code Blue	0:16
Set Reminder	1121	Staff Emerg	0:14
Tone Silence			

MAIN AUDIO REMIND ROOM LIST MORE...

- **5.6" (142 mm) high-resolution backlit screen**
Bright, high contrast display is easy to read and simple to configure
- **Unique tone associated with each priority call type**
Highest priority calls are easily identified
- **One-touch call answer**
Simple operation ensures timely responses
- **RJ-45 connectivity**
Standard snap-in connectors speed installation and maintenance
- **Color-coded menu screens**
Concise information in a remarkably small footprint

HearingAid™ audio for crystal clear conversation...

Only Telligence has *HearingAid* technology, which allows staff to adjust talk *and* listen volume levels for each patient conversation. This ensures that conversations are understandable and productive. In addition to manual volume controls, *HearingAid* technology also incorporates automatic noise and echo cancellation, which suppresses non-essential noise to provide crystal clear voice communication with little background noise.

ColorTouch™ VoIP Staff Console

Data Sheet 85100-0103



The ColorTouch™ VoIP Staff Console visually displays incoming calls from stations and connected healthcare equipment, and provides a means for the operator to prioritize and respond to selected events. As an intercom device, it provides audible signaling functions and facilitates two-way full-duplex staff/patient and staff/staff communications.

Adjustable viewing angle

Compact desktop design

Hands-free speakerphone

Privacy handset

HearingAid™ audio features

HC-CONSOLE ColorTouch™ VoIP Staff Console

ColorTouch™ VoIP Annunciator

Data Sheet 85100-0110



The ColorTouch™ VoIP Annunciator offers all the performance-rich features of the Staff Console in a convenient wall-mounted configuration. Ideally suited for hallways and staffrooms, it provides a bright, easy-to-see ColorTouch LCD screen for one-touch call answering, audible signaling functions, and two-way full-duplex communications. The annunciator may be set to filter calls by type, so only the most appropriate messages reach its installed location.

Full duplex speaker and microphone

Hands-free audio

Large LCD touchscreen

HearingAid™ audio features

Call filtering

HC-ANNUN ColorTouch™ VoIP Annunciator

Choice™

You control system operation.
It doesn't control you....

Choice™ Programmable Technology offers complete flexibility with fully programmable buttons that can be as different as the people using them. Patient, staff and peripheral stations can all provide precisely the functions most appropriate for the location, from the nature of calls available in designated areas, to who receives calls made from a particular device. Thanks to an ingenious button programming and labelling solution, every custom function is clearly marked for easy access and operation. Custom labels can even be printed in-house!

And, because all devices are virtually identical, there are fewer parts to stock. This not only simplifies maintenance, but reduces cost as well. If a station needs to be replaced because it is soiled or damaged, a new one can be installed in seconds.



NiteLite™ – no more fumbling in the dark...



The lights may be out, but your staff and patients won't be fumbling in the dark for the right button to push. All Telligence stations provide *NiteLite™* on-board lighting, which provides easy visibility under low ambient light conditions. The subtle glow is the result of the latest LED technology, which provides a cool, low-energy solution for darkened rooms.

Smart Patient and Staff/Duty Stations

Data Sheet 85100-0104



Smart Patient Stations provide separate 18-pin receptacles for the connection of DuraPin™ pillow speakers and two ¼" (0.64 mm) receptacles that can be programmed to accept either an input from auxiliary equipment, or a bed call cord. Smart Staff/Duty Stations (HC-DUTY) have no bed connections or call cord jacks.

HC-PSTN1	Single Smart Patient Station
HC-PSTN2	Dual Smart Patient Station
HC-DUTY	Smart Staff/Duty Station

*HearingAid™
noise and echo
cancellation*

*Choice™
configurable
buttons*

*NiteLite™
on-board
lighting*

*Cleaning
mode reduces
accidental calls*

Smart Patient Stations with BedConnect™

Data Sheet 85100-0105



Smart Patient Stations with BedConnect™ provide convenient on-board 37-pin connectors for side-rail communications with compatible electronic beds such as those manufactured by Hill-Rom® and Stryker®. These stations have separate 18-pin receptacles for the connection of DuraPin™ pillow speakers and two ¼" (0.64 mm) receptacles that can be configured to accept an input from auxiliary equipment, or a call cord.

*HearingAid™
noise and echo
cancellation*

*Choice™
configurable
buttons*

*NiteLite™
on-board
lighting*

*Cleaning
mode reduces
accidental calls*

HC-PSTN1-BED	Single Smart Patient Station with BedConnect™
HC-PSTN2-BED	Dual Smart Patient Station with BedConnect™

Peripheral Stations

Data Sheet 85100-0107



*Choice™
configurable
buttons*

*NiteLite™
on-board
lighting*

*Optional pull
cord operation*

*Dedicated LED
indicators*

*Relay models
available*

*Optional
two-level
call priority
on lavatory
stations*

Peripheral Stations are available in two types, push/pull stations (HC-PP series) and pushbutton stations (HC-PB). These Peripheral Stations are supervised initiating devices that provide patient room call-for-assistance indication to the patient-staff communications system. When a Peripheral Station is activated, visual indication of the call displays at the dome light associated with the patient room, and an appropriate call indication registers on the ColorTouch™ VoIP Staff Console, as well as any installed ColorTouch™ VoIP Annunciators. An LED also illuminates on the front of the station until the call is canceled.

Models come with field-configurable buttons used for placing patient calls, requesting staff assistance, indicating staff presence, or signaling a sentinel event. There are also models that include a relay for external equipment, or an input for a room smoke detector. Peripheral Stations may also be fitted with optional pull cords, which can be used to operate the devices.

HC-PP3-PRES	3-Button Push/Pull Station, Presence
HC-PB2-CALLIN	2-Button Station, Staff Normal Call w/Smoke Input
HC-PB2-CALLR	2-Button Station, Staff Normal Call w/Relay
HC-PB3-CANCEL	3-Button Station, Remote Cancel
HC-PB2-CODE	2-Button Station, Code Blue
HC-PB2-EMERG	2-Button Station, Staff Emergency
HC-PP2-LAV	2-Button Push/Pull Station, Lavatory

Auxiliary Input & Call Cord Stations

Data Sheet 85100-0109



Auxiliary Input and Call Cord Stations are addressable initiating devices that provide bedside call-for-assistance indication to the patient-staff communications system. When an Auxiliary Input or Call Cord Station is activated, visual indication of the call displays at the dome light associated with the patient room, and an appropriate call indication registers on the ColorTouch™ VoIP Staff Console, as well as any installed ColorTouch™ VoIP Annunciators. An LED also illuminates on the front of the station until the call is canceled.

Auxiliary Input Stations are typically used for the connection of medical equipment. Each device provides two inputs at dedicated 1/4" jacks. Call Cord Stations provide one 1/4" jack input to support a single call cord. They include a dedicated CANCEL button for each cord.

*Choice™
configurable
buttons*

*NiteLite™
on-board
lighting*

*Call cord
connectors*

*Dedicated LED
indicators*

*Isolated model
available*

*Supports up
to 20 unique
nameable
inputs*

HC-AUX2	Dual Auxiliary Input Station
HC-AUX2-ISO	Isolated Dual Auxiliary Input Station
HC-CCSTN	Single Call Cord Station

Infinity™

One light.

Infinite possibilities.

Infinity™ LED dome lights feature exclusive technology that allows up to four light sections to independently illuminate any of seven different colors. Fully programmable to meet the needs of any facility, Infinity lights offer endless possibilities.

In addition to light color, each light section can be programmed to flash in unison or in different patterns, depending on the urgency of the situation. Available with an integrated buzzer, Infinity lights add the dimension of audible notification.

These bright, easy-to-see lights are software configurable to give at-a-glance visible indication of all common healthcare situations, as well as custom applications that give your staff a heads-up for specific occurrences.

Thanks to their programmability, Infinity lights can even be configured to match your existing system, so staff won't need to be retrained on a new lighting scheme.

The use of LED technology means almost infinite life for Infinity lights. And, because all devices are virtually identical, there are fewer parts to stock. This not only simplifies maintenance, but reduces cost as well.

Any combination of seven colors. The possibilities are endless...



Normal bed call



Emergency



Staff assist



Monitor alarm



Code Blue
(flashing)

Dome & Zone Lights

Data Sheet 85100-0111



Infinity™ Series LED dome lights provide bright, easy-to-see visual annunciation that speeds response time and increases caregiver efficiency. These devices are typically installed in corridors and outside patient rooms to provide staff with visual cues as to the origin of calls placed on the system. The light color and flash rate indicates the type and priority of the call. Models are available with one, two, or four light sections.

Thanks to advanced LED technology, each light section of Infinity Series LED dome lights are software-configurable to illuminate seven colors. This breakthrough capability means that one device model can serve many different purposes. For audible annunciation, a model is also available with an integrated buzzer. This too may be programmed to signal at different rates depending on the nature of the call.

Seven colors from a single light section

Fully programmable

Configurable flash rates and patterns

Integrated buzzer available

Advanced LED technology

HC-CL1-RED	LED Dome/Zone Light, 1 Section
HC-CL2	Infinity™ LED Dome/Zone Light, 2 Sections
HC-CL4	Infinity™ LED Dome/Zone Light, 4 Sections
HC-CL4-SUPV	LED Supervision Module w/Buzzer

Pillow Speakers & Call Cords

Data Sheet 85100-0108



*Optional
numeric keypad
available*

*TV controls
compatible
with all major
brands*

*Compatible
with Hill-Rom®
and Stryker®
beds*

GE Security call cords and DuraPin™ pillow speakers are sturdy, resilient momentary contact devices used to initiate calls from patient stations. Call cords plug into the patient station with a ¼-inch connector. Simple pushbutton operation places a call on the system. DuraPin™ Pillow speakers feature patient-staff communications as well as television control, and room lighting operation.

Consult the data sheet for available models.

Bed Receptacle, Single 37-Pin

Data Sheet 85100-0106



*Compatible
with Hill-Rom®
and Stryker®
beds*

The Bed Receptacle-Single 37-Pin connector acts as an interface between compatible GE Security patient-staff communications systems and Hill-Rom® or Stryker® electronic beds. It is specifically used to enable side-rail communications with the patient-staff communications system.

HC-BID-SS37 Bed Receptacle-Single 37-Pin

PowerSwitch™

Data Sheet 85100-0101



The Telligence PowerSwitch™ is an Ethernet® communication interface and power supply for all IP devices residing on the Telligence™ patient-staff communications network. It interconnects with system components by means of standard network wiring, cabling, and connectors. An AC power source is required.

Supplies power and interconnection for all IP devices

Eight 100 Mps Ethernet switch ports available

Standard Cat 5/5e/6 cabling

19" Rack mountable

HC-IPSWITCH8 Telligence PowerSwitch™

Station Gateway™

Data Sheet 85100-0100



The Telligence Station Gateway™ facilitates the use of non-IP addressable stations on the Telligence™ IP network. Each gateway supports up to 16 Smart Stations, including single and dual patient stations, and staff stations. Device wiring is via industry standard Cat 5/5e/6 cable. An AC power source is required.

Supports up to 16 smart stations

Standard snap-in connectors

19" Rack mountable

HC-GTWY1 Telligence Station Gateway™

Software



*Centralized
system
management,
comprehensive
reporting.*

Telligence supports a powerful suite of software applications that offer centralized system management and comprehensive reporting. All applications can share data through a common database and interface. This interface represents a single integrated platform for communicating with wireless devices, generating management reports, and providing a wide range of valuable features, tools, and utilities.

*Innovative
Clients*

PC Assignments provides easy assignment of staff, wireless devices, and patient beds so patient calls are automatically delivered to the right caregivers.

MapView™ and ListView™ provide convenient graphical and list-based details concerning Telligence system activity.

NetBoard™ is an electronic whiteboard that displays real-time staff and patient information.

*Intuitive
browser
screens*

PC Reporting measures response times to patient calls and other system activity, and can even schedule reports for automatic email delivery.

PC Messaging provides convenient text messaging to mobile devices like pagers, wireless telephones and Vocera™ pendants

*Powerful
system
connectivity*

Mobility Suite delivers wireless system connectivity plus **PC Assignments** and **PC Messaging**, for a convenient all-in-one solution.

ADT Bridge allows HL7 import of key patient information to the SQL database for display with Telligence applications.

Combining resources to make the most of your investment.

As one of the world's most diverse and best performing global enterprises, GE offers multiple solutions for your healthcare facility needs...

GE Security brings video surveillance, access control, fire alarm, trace detection, and patient-staff communications to healthcare settings.

GE Industrial provides energy-efficient lighting, construction supplies and services, electrical switchboards and more.

GE Energy offers high-reliability conditioned power systems, emergency power systems, engineering designs, studies and services.

GE Healthcare provides advanced medical technologies like medical imaging, clinical information systems, medical diagnostics and patient monitoring systems.

GE Commercial Finance offers financial products and services to meet the unique requirements of the healthcare industry, all backed by the strength and AAA balance sheet of General Electric.

Telligence is just one more way GE is bringing innovation and value to the healthcare industry. Contact your GE representative for more information on how we can help you meet your goals.

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imagination at work