

Orchestrating a brighter world

NEC

Complete IP Nurse Call System

IndigoCare iCall



IndigoCare's iCall seamlessly connects patients or residents with caregivers and provides the connectivity needed to drive patient safety and satisfaction.



At a Glance

- Enables patients, nursing personnel, doctors, administration and external services to communicate with each other quickly and efficiently
- Customizable to most healthcare environments based on needs and requirements
- Distributed architecture based on open IP standards ensures the highest degree of flexibility
- Integrates the nurse call system, the telephone exchange, the DECT system, VoIP solutions and the personal location system within one global solution
- Hands-free communication using "touch-to-call" from a caregiver's tablet directly to a patient's in-room telephone
- Offers remote access/installation/maintenance/diagnostics up to the level of any intelligent room call button, via browser, over any PC, smartphone or tablet
- Allows for a gradual migration by repurposing and/or integrating existing nurse call infrastructure and hardware

Overview

Extended care facilities require a flexible and convenient solution for managing patient care requests, which are often initiated by patients in their rooms and responded to by caregivers roaming the facility. To ensure patient safety and well-being, rapid response by caregivers is a must. The best way to make certain that patients receive effective care is to allow for real-time caregiver to patient communication. To address this need, NEC offers IndigoCare iCall on our UNIVERGE SV9000 series communications platforms - a fully integrated solution to enable facilities to provide excellent healthcare.

IndigoCare's iCall is the first Full IP Nurse Call platform on the market. Based on open IP-standards, iCall's distributed architecture ensures the highest degree of flexibility. Each iCall system provides a "custom fit" solution for the facility, utilizing available network and cable plant. Most long term, sub-acute, assisted and rehabilitation facilities can benefit from the iCall solution – and in the case of renovations, 97% of facilities can implement the solution without costly cable or network infrastructure upgrades.

Solution

Direct integration with UNIVERGE® SV9000 Series Platforms

In addition to the standard nurse notification through IndigoCare's Master Nurse Station, the direct integration with the UNIVERGE SV9000 Series platforms offers healthcare facilities an added benefit for their phone systems. IndigoCare's Master Stations can register as SIP extensions

to the SV9000 platform, making them an integral part of both the communications and nurse call platforms.

For busy nurses and caregivers, the integration between NEC and IndigoCare provides alarm messaging to NEC's DECT mobile handsets. This allows them to respond to the message with a direct call to the in-room telephone. The nurse or caregiver who confirmed taking the alarm



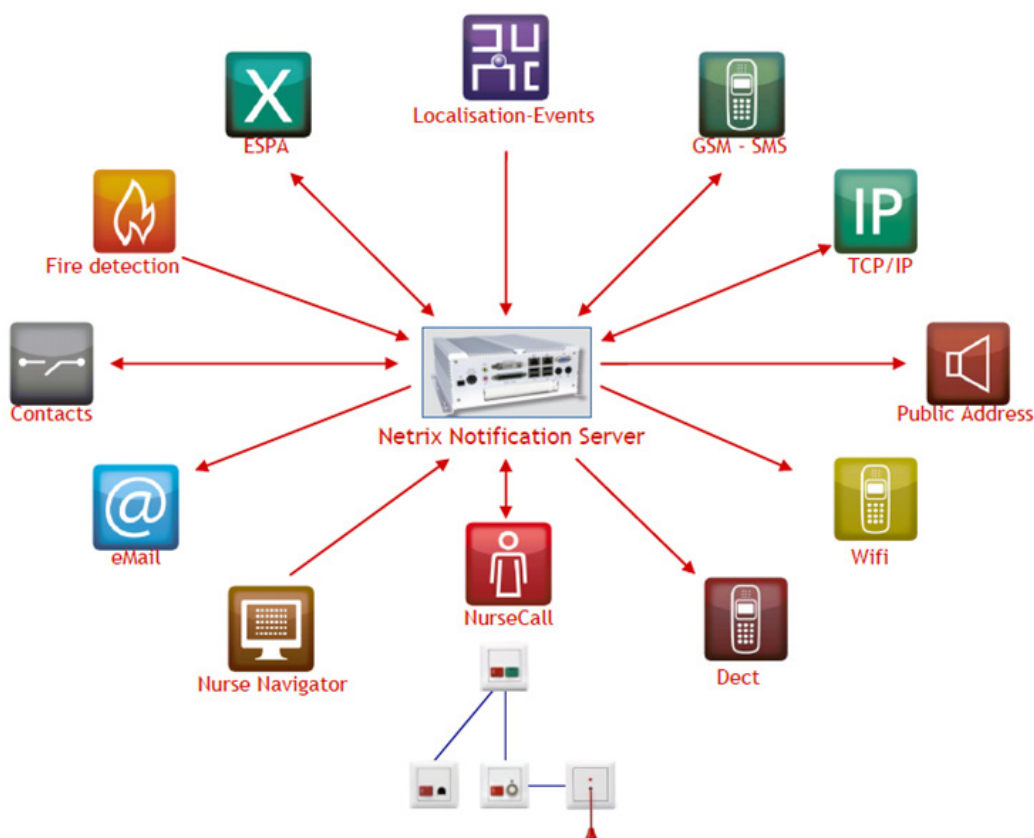
simply presses the call button on their DECT mobile handset and opens up a hands-free communication to the person in the room.

By installing an NEC telephone in the room instead of traditional nurse call audio device, the healthcare facility has an opportunity to bill back any standard use of that in-room telephone to their residents, generating additional revenue and a faster ROI.

IndigoCare's Android Mobile Nurse Desk application turns NEC's UT880 telephone into a Master Station, monitoring all nurse call alarms. The application will also run on any Android wireless phones, giving the nursing staff a full overview of all nurse call activity while attending to the residents/patients.

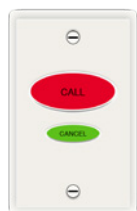
Notification and Event Reporting

IndigoCare can be deployed with the Netrix Notification Server, a specialized network appliance that enables event notification and response among disparate systems. Netrix can be used to receive and forward event notifications from a variety of facility systems, including wireless communication devices, email and paging systems, fire and security alarm systems and many more. Netrix extends the capability of iCall by fully integrating all systems within the facility, thus allowing them to effectively send and receive important event communication to the appropriate individual or system for response. iCall events and responses are logged and can be reported upon using the Novilog reporting tool, or exported for offline analysis.



Full Range of Call Stations

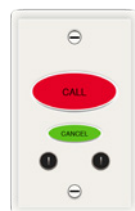
A variety of call stations are available, each of which can be remotely programmed for desired functionality. Call stations are programmed via a browser, can be arranged into logical “room” groups and can be setup to notify caregivers of the location and type of event requested by a patient.



Call Station



Single Call Station



Double Call Station



Emergency Station



Code Blue Station



Bathroom Station



Shower Station



Dome Light



Dome Light - Color



Pillow Speaker

Network Based Solution on Existing Infrastructure

Due to iCall's infrastructural design and flexibility any existing 4-conductor cabling and in some cases even existing nurse call hardware can be re-used. This makes iCall the go-to solution for any retrofit project. By integrating the intelligence directly into iCall's IP unit, the entire system's capacity is unlimited. The IP units connect all the call stations (up to 50 per Ethernet switch port) directly to the nearest data switch, which leads to huge savings in cabling and infrastructure costs.

Browser-Based Remote Access

iCall offers remote access/installation/maintenance/diagnostics up to the level of any intelligent room call station, via browser, over any PC, smartphone or tablet. There is no need for specific client software to use remote maintenance.

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