

## Hills IP Nurse Call System


Tellen recommend the Merlon IP 7100 Nurse Call System as being the ideal solution. The Merlon IP7100 is an IP system that seamlessly integrates with most other communications platforms. Being an IP system most of the devices are simply connected via Category 5/6 cabling. Maintenance requirements are at a minimum as the field devices go back to managed switches, no distribution modules required in-between. The Merlon system has proven itself to be a reliable and very stable platform and is at present operational in many New Zealand and Australian Hospitals and Aged Care facilities.

Tellen and Hills Health Solutions has brought together the patient care expertise and integrating these into a single health - Technology platform.

A laptop displaying a web-based interface for nurse call reporting. The interface shows a floor plan with various rooms and a central control panel with buttons and indicators.

### The Complete Nurse Call Reporting Solution

The Hills Health Solutions Nurse Call Reporting Solution is a web based software platform that gives you total visibility of every nurse call point in your hospital or aged care facility. With local real-time access via a web browser to reporting, maintenance and call logs you can ensure your patients are receiving the best care possible. Hills Health Solutions is applying ingenuity, not just to make life easier for patients, but also for the healthcare professionals' who take care of them.

A stack of three tablets displaying different views of the nurse call reporting solution interface, including a dashboard, a patient portal, and a clinician interface.

### Key Features

- Touchscreen Monitor
- Access to a suite of interactive tools
- Clinicians can share charts, scans and test results
- Entertainment and communication options improve patient morale
- Intuitive user interface
- Patient portal for sign up and log in

## System components

### Server, Master Controller and Software

- IP Nurse Call system connected to managed POE switches
- Real Time Dashboard information
- Call Location Information
- Reports on calls, peak-use, facility KPI metric, test and system status



### Annunciators

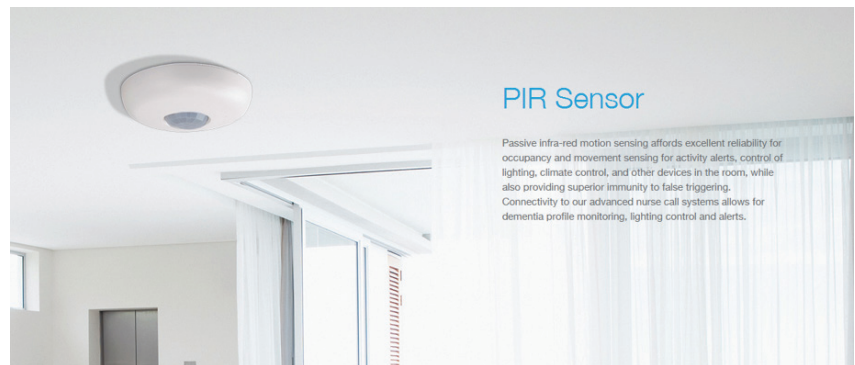
- Visual display units with audio which can be deactivated or volume controlled
- As multiple calls or alarms are active the displays shall cycle and/or prioritise messages depending on call type.
- Annunciators are in the form of 22" LCD displays, 8 or 13 character LED displays, double or single sided.



## System components

### Dementia Profiling

- Discreet, low profile appearance lends nicely with installation surface
- Passive infrared motion detection affords immunity to false triggering
- Fully digital circuitry for low cost and high reliability
- Detects and notifies of out of bed, out of room and bathroom entry



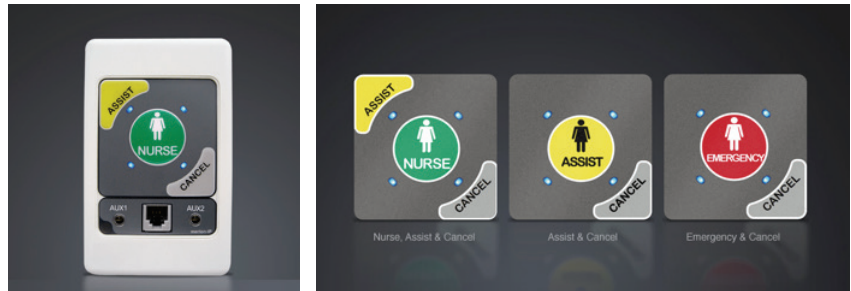
### Interfacing Services, Patient Engagement and Messaging

- Detects and notifies of out of bed, out of room and bathroom entry



## System components

### Nurse Call Points



### Audio and Visual Devices



### Scalability

- The system is capable of future expansion without the need to change or upgrade the master controller or head-end.

### System Failure Notification

- Any system shut downs or failures should be recognisable via remote monitoring.

### System Configuration and Monitoring

- Nurse assist and patient call alerts may only be cancelled from point of origin.
- Remote management, monitoring and reporting to be available via WAN connectivity.