

# medicare SYSTEMS



## ▶ Nurse Call Technology



Nurse Call



Wireless



Sensors



Customisable



**BroadtechHealth**  
CRITICAL CARE TECHNOLOGY



## Nurse Call systems are vital to healthcare globally!

▶ **This enables communication between patients and staff while alerting caregivers to patient needs.**

Recognizing this, Broadtech Health has partnered with Medicare Systems to provide innovative, reliable, and user-friendly nurse call solutions to healthcare facilities in New Zealand.

Established in 2005, Medicare Systems shares our commitment to excellence, empowering providers with the tools necessary for prompt and efficient care. Our goal is to lead in technological advancements, creating state-of-the-art systems that enhance communication and streamline workflows for better patient outcomes.

Beyond product offerings, Broadtech Health fosters strong partnerships with clients, understanding their unique needs and providing exceptional support. With a passion for improving the lives of healthcare professionals and patients, we pledge to uphold the highest standards of quality and adaptability in all our solutions, ensuring that every interaction with our nurse call system reflects our commitment to excellence and patient well-being.



## Medicare Nurse Call Systems

The Medicare nurse call range for care homes and hospitals features the latest technology tailored for the care industry. With the reliable and user-friendly Medicare nurse call system, your staff and residents can enjoy convenience and peace of mind.

The HTM6500SiR is a robust call point that allows users to easily call for assistance, incorporating antimicrobial additives for easy cleaning and high infection control standards. This wireless system includes display panels, call points, and alarms to meet various needs and is fully customizable; Broadtech Health's technical team can tailor it to your specific requirements.



Additionally, each call point has two built-in sockets for connecting assistive technology, such as floor mats or PIR movement sensors, and adding door alarms is straightforward. Our systems are designed to be easy to use, reliable, and scalable for both care home and hospital environments.



## ► Display Screens

Medicare display screens are simple and aesthetic and feature a user-friendly touchscreen interface as standard.

### HTM4100

#### 15-inch Display Panel

Medicare's 15-inch display panels include a colour backlit screen and a numeric or alphanumeric display option.

Optional functions include location map setting, sounder, user-editable information, call accept, zoning, function buttons and call logging.



### HTM4200

#### 10-inch Display Panel

Medicare's 10-inch display panels include a colour backlit screen and a numeric or alphanumeric display option.

Optional functions include location map setting, sounder, user-editable information, call accept, zoning, function buttons and call logging.



### HTM4300

#### LED Display Screen

Medicare's LED screens give better visibility so caregivers can view alerts from a greater distance and reduce steps.

Alerts are distinguished by colour and sound making it easy to differentiate between them.



## ► Call Points

Medicare call points are designed to endure the demands of challenging care environments. They are available with either a HTM6511 holstered bracket or a HTM6512 non-holstered bracket and can be easily installed. The labels are easy to clean and incorporate anti-microbial additives to uphold high infection control standards.

The HTM6500SiR Standard Call Point features a pull cord and two sockets. Socket 1 accommodates various assistive technologies, including floor mats and PIR movement detection monitors, while Socket 2 connects to a pear push lead equipped with a clip and reassurance light. This model also includes an automatic monitoring function for applications like bed occupancy monitoring.

**HTM6500SiR**



**HTM6500PP**



**HTM6500SP**



The HTM6500SP model is splash-proof and fully sealed against moisture, making it ideal for wet areas such as bathrooms and ensuites. It can be securely attached to the wall bracket using a security pin and is washable with a mild soapy solution. This call point includes a wall bracket, a reassurance light, and an optional security screw.

## ▶ iButton Call Points

Our Call Point models are the mainstay of our system featuring iButton technology for easy staff monitoring and attendance.

The HTM6500iBiR, our most popular model, features a standard pull cord and two sockets for connecting a pear push lead and various assistive technologies, including floor and bed mats and PIR movement detection monitors. Its iButton technology enables staff attendance and identification, while the automatic

monitoring function supports bed occupancy tracking. The system is addressable, recording response times and identifying the staff member who responds, allowing management to more accurately monitor staff performance and measure KPI's.

### HTM6541



## ▶ Pear Push Lead

The HTM6017 pear push lead is designed for use with the HTM6500 series call point, connecting to the matching orange socket 2 at the bottom and resting in the HTM6512 holstered bracket. Pressing the orange button activates a call from the patient to staff, with reassurance provided by a red LED light on the pear push handset. If the lead is unplugged or the safety snap is released, the nurse call system generates an accessory call to notify staff.

The HTM6018 pear push lead is compatible with both the HTM6500 series and HTM6000 equipment call points, also connecting to socket 2. It triggers an accessory call when disconnected from the hand unit and features an easily replaceable clip for attachment to clothing or bed linen. Additionally, when used with the HTM6033 radio mains switch, the HTM6018 allows control of reading lights or ensuite lights.

**HTM6017**

**HTM6018**



## ▷ Pendants

The HTM6541 neck pendant features an easy push button and built-in reset, making it ideal for vulnerable residents needing extra care or for mobile individuals wanting to move freely around the facility, including social spaces. This lightweight pendant is a portable nurse call device that can be programmed to transmit calls for assistance or emergencies, and its soft fabric lanyard includes a strain-release clip for added safety.

The HTM6542 is another lightweight option that can be worn around the neck, on a lanyard, or with a MED103 watch strap. Like the HTM6541, it can also be programmed to transmit different types of calls based on the situation and features a soft fabric lanyard with a strain-release clip for safety.

**HTM6541**



**HTM6542 /  
MED103 Watch Strap**



**HTM6542**





## ▶ Ceiling Pull Cord



The HTM6005 ceiling-mounted pull cord activates a call in areas where a wall mounted call point is not feasible. Typically mounted in the shower cavity, the pull cord is also extensively used in bathrooms and ensuites. The pull cord is designed to rest on the floor, making

### HTM6005



it easily accessible for residents in case of a fall. During installation, it can be trimmed to lightly touch the floor, ensuring that it doesn't create a trip hazard.

The ceiling pull cord pairs with any other call point to enable the reset of the call, which is ideal for use centralised baths in bathrooms.

## ▶ Door Alarms

Medicare's Door Units are designed to offer a user-friendly monitoring system for both internal and external doors. The unit can be easily armed and disarmed with an iButton fob, and when armed, it triggers an alarm upon opening the door. Additionally, the HTM6504iB door contact includes an emergency alarm button for enhanced safety and security.

### HTM6504iB



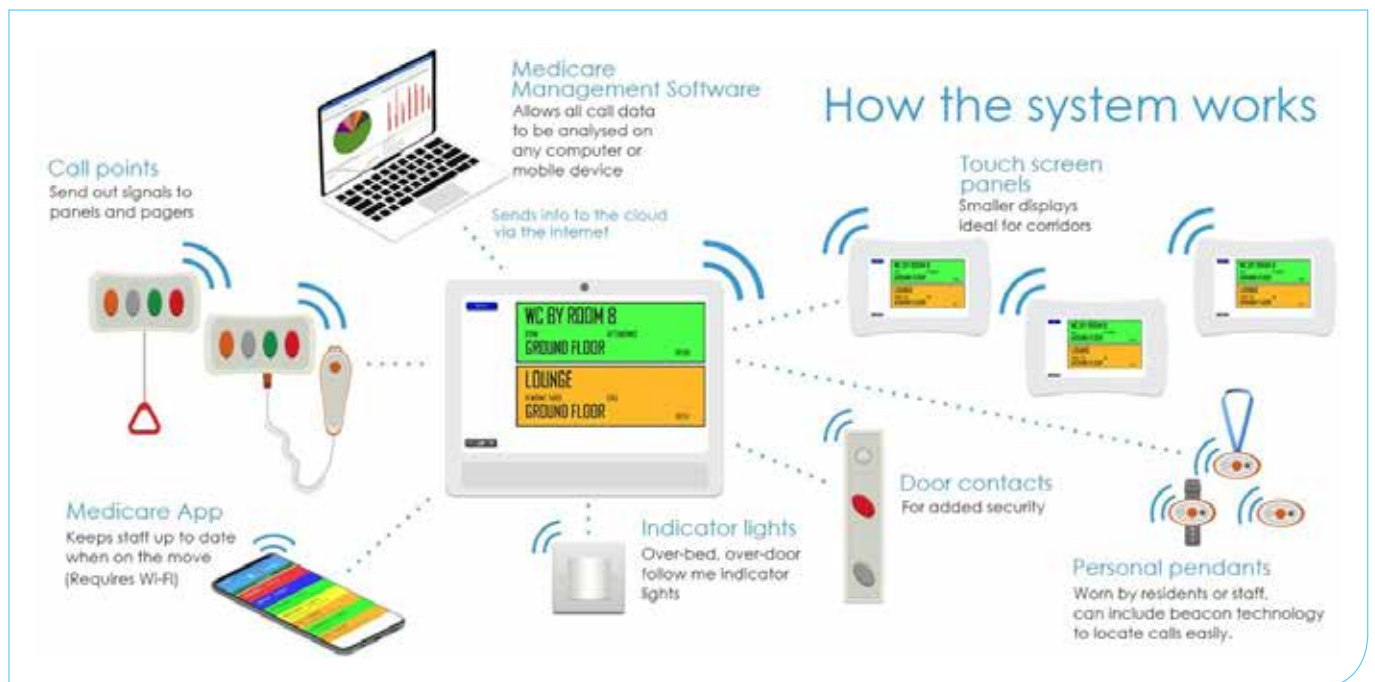
### HTM6032



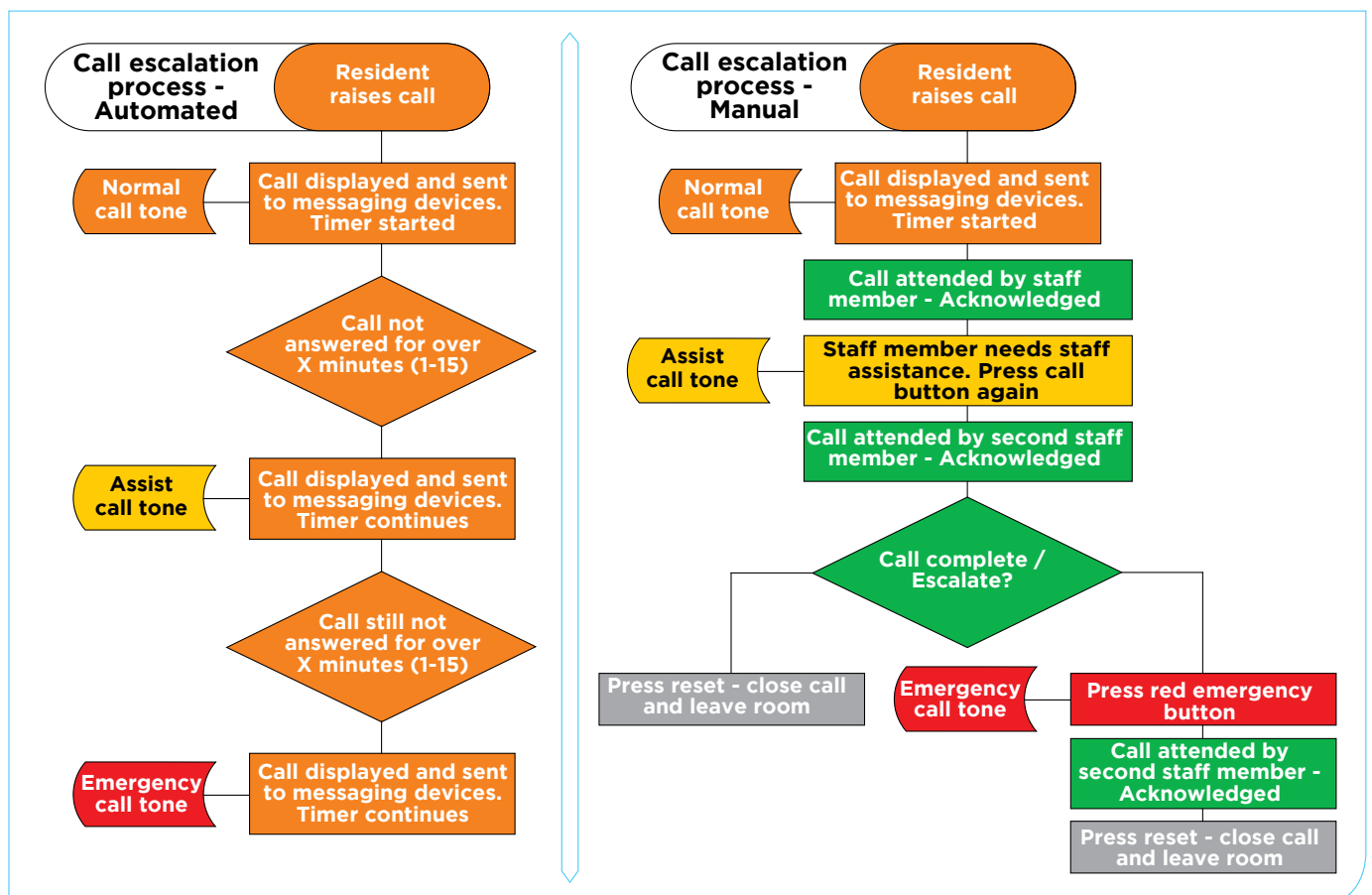
## ▶ Over Door Light (ODL)

Medicare's over-door lights activate when the nurse call button is pressed, offering flexibility by pairing with various call points. Utilizing wireless technology, the lights can illuminate in orange, green, flashing yellow, flashing red, or flashing blue, depending on the activated call type. An optional built-in sounder can be activated to provide a non-intrusive local audible alarm. Power for the over-door lights is supplied by a 12-volt DC power supply unit.

## ► Nurse Call Architecture



## ► Nurse Call escalation process



## ▷ Staff Alert Devices

Broadtech recommends the Birdy Slim Lite or Birdy WPs R3 pagers - compact, reliable and effective communication for busy caregivers.

### ▷ Birdy Slim Lite Pager



The Birdy Slim Lite pager is a compact and lightweight messaging device. It features a clear alphanumeric display, often backlit for low-light conditions, multiple alert modes, and long-lasting battery life, all while being durable and user-friendly. Additionally, it supports common protocols like POCSAG for easy integration.

### ▷ Birdy WPs r3 Pager

The Birdy WPs R3 is a compact, extremely robust and IP 67 rated pager. It supports both numeric and alphanumeric display, multiple alert modes, and a long-lasting replaceable battery, all housed in a durable, water-resistant casing. Compatible with POCSAG and other protocols, it offers simple navigation for easy access to messages.



### ▷ Wi-Fi Dect Phone – Spectralink



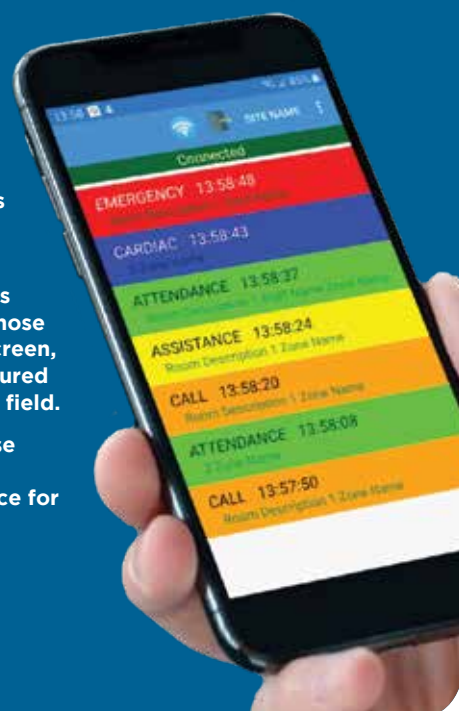
The Spectralink 8440 phone is a wireless handset and operates over Wi-Fi networks, enabling voice communication without the need for traditional phone lines. Ideal for on-the-go communication in busy care environments, key features include a durable design, long battery life and clear audio quality.

### ▷ Pager App

Medicare provides an alternative to traditional pagers with the Medicare Pager App, designed for Android devices in areas with reliable Wi-Fi.

The app displays alerts just like those shown on the screen, featuring a coloured banner and text field.

Users can choose audible tones, speech, or silence for quiet wards.





## ▶ Assistive Technology and Accessories

Assistive technology encompasses a wide array of devices and systems designed to enhance independence, safety, and well-being for individuals with physical, cognitive, sensory, or communication impairments.

These technologies support daily living activities, promoting a higher quality of life and greater autonomy. Medicare Systems offers a range of assistive switches and sensors that

can be tailored to meet the specific needs of hospital patients or care home residents, ensuring calls can be triggered in various situations for added flexibility and peace of mind.

Our motion monitors, floor mats, bed mats, and chair mats activate nurse call alerts upon detecting movement, making them invaluable for monitoring residents or patients at risk of falls.

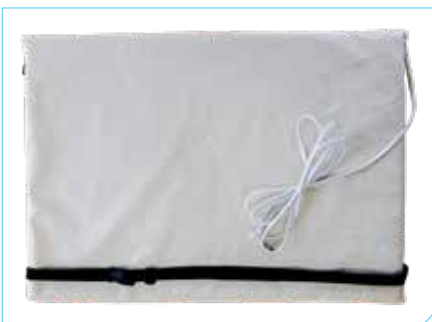
### Floor Mat



#### FM-2201

Heavy duty nonslip mat placed near the resident's bed or door, which will alert when stood on.

### Bed Mat



#### BM-2201

Positioned under bedding, an alarm is raised when a resident tries to get out of bed.

### Chair Mat



#### CM-2201

Positioned on a chair which will alert when the resident tries to stand up.

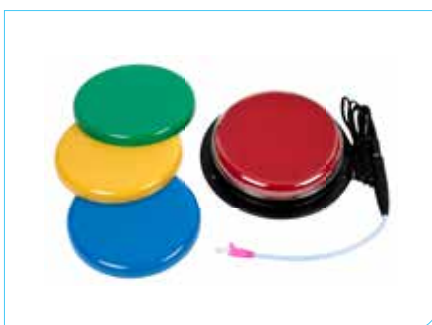
### PIR Movement Detector



#### MED-94

Mounted by the bedside or door an alert is raised when a resident breaks the infrared beam.

### Jelly Bean Switch



#### MED-25

Highly sensitive switches easily activated with a light tap.

## ▶ E-Logging Cloud

E-Logging Cloud offers secure, real-time access to nurse call data, improving efficiency in healthcare settings.

This robust tool is beneficial in both nursing and residential environments, providing powerful reporting features for accurate call data analysis and customizable, automated email reports.

The Medicare Cloud acts as a secure gateway to essential resources such as user manuals, instructional videos, and spec sheets, allowing staff to easily adjust system settings to meet the facility's changing needs.

This cloud-based solution is essential for modern healthcare, enhancing patient outcomes and streamlining staff workflows.



### FEATURES AND BENEFITS OF THE MEDICARE SYSTEM

- |  |  |   |   |
|--|--|---|---|
| <b>1.</b><br>Track staff performance.<br>Track number and duration of calls.<br>Filter by site, zone, floor, room and staff ID.<br>Monitor response times. | <b>2.</b><br>Custom reports on KPIs.<br>Multi-layered filtering.<br>Multiple locations, floors and rooms.<br>Save report criteria.<br>Export reports to PDF and Excel.<br>Print reports. | <b>3.</b><br>Automated report.<br>Create multiple reports.<br>Daily, weekly and monthly reports.<br>Reports emailed to chosen recipients. | <b>4.</b><br>Report types.<br>Fully detailed reports.<br>Summary Reports.<br>Average response times by locations, zones, rooms etc.<br>Total reports. |
|--|--|---|---|

## ► Partnering with Broadtech Health

Broadtech Health proudly represents Medicare Nurse Call in New Zealand, committed to ensuring the optimal performance of all Medicare systems.

With a Service Level Agreement (SLA), you will receive 24/7 fault support, remote assistance, and onsite support, including labour and travel. We also conduct annual site audits for system efficiency and preventative maintenance, offering preferential rates on all parts purchased or repairs, as well as comprehensive programming and online training.

**To better assist you, we can customize payment options to fit your funding models.**



**If you prefer to own the system outright, we offer a CAPEX option. Alternatively, for those looking to lease, we provide an OPEX model with a monthly fee over 60 months, eliminating the need for an upfront investment.**

Throughout this period, Broadtech Health will support and service the system, with the possibility of upgrades at the end of the term.

COMPARISON CHART – See Broadtech Support Plans breakdowns for full detail	No plan	Basic plan	Premium plan
24x7 Fault support line included	No*	Yes	Yes
Programming included	No**	Yes	Yes
Remote support included	No**	Yes	Yes
Onsite support including labour and travel included	No***	No***	Yes
Battery replacement included	No**	No**	Yes
Site Audit included	No**	No**	Yes
Online Training including	No**	Yes	Yes
Product purchasing at preferential rates	No**	Yes	Yes
Repairs at preferential rates	No**	Yes	Yes
Freight - included	No**	No**	Yes
* Call out fee chargeable ** Available through our standard charge rate *** Labour, Travel and Batteries chargeable where applicable			



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