Nigel

Wandering Resident Monitor

Vitalcare
Nigel DN-017

- PIR
- Door
- Sense

CANCEL | STAFF ASSIST | MODE

Door alarms

Proximity based silent monitoring

Uses reliable radio frequency beacons (RTLS)

Activated by wrist buttons, tags and pendants

Notifications to annunciators, smartphones, pagers and cloud reporting

Automated staff recognition

Access control & fire integration

Compatible with most nurse call systems

Vitalcare

Leaders in aged care technology

Nigel is Vitalcare's wandering resident monitor designed to report and manage residents' movement around facilities. Nigel detects residents' presence when close to doors and designated areas, and alerts appropriate personnel to the location, or controls access through the door.

NIGEL EQUIPMENT The two primary components of Vitalcare's Nigel wandering resident monitor are the residents' beacon and door keypad. The residents beacon comes as a wrist button, tag or Vitalcare Daisy pendant.

HOW IT WORKS Residents wear a wrist button or pendant which transmits a very low power radio beacon. A Nigel tag can also be concealed in clothing if the resident objects to wearing it, or suffers from cognitive impairment.

Should the resident come within 3 metres of a door keypad, the beacon signal is received and used to alarm through the nurse call system. The alarm message typically includes the resident's name/ID and location and is sent to annunciators, smartphones, pagers and Vitalcloud.

TYPICAL APPLICATION Wandering resident systems are used in facilities where residents have some degree of cognitive impairment or dementia. They provide a practical solution to residents wandering beyond preset locations.
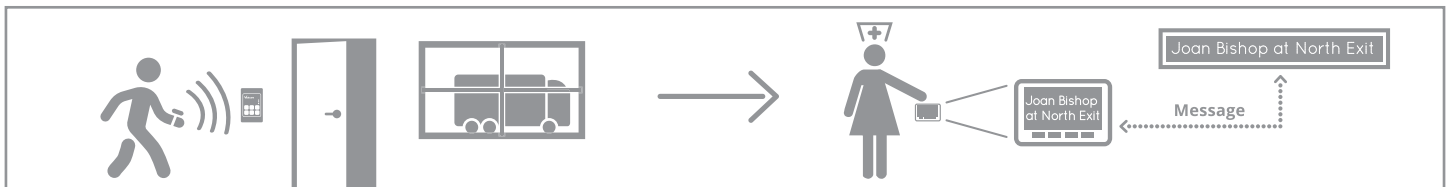
NIGEL'S FEATURES
• Alerts staff if resident exits monitored doors
• Alerts staff if resident approaches key locations, including doors, but does not exit
• Uniquely identifies the resident and the exit point
• Override keypad sequence lets staff accompany resident through exit without raising an alarm
• Allows selected residents access to different areas (whitelist)
• In night mode, alarms if a door is opened by anyone
• Integrates with Vitalcloud cloud-based analytics and reporting engine

SYSTEMS INTEGRATION The Nigel controller provides inputs and outputs for integration into other systems such as fire and access control equipment.

Nigel also integrates with other Vitalcare systems including CRIS (Confused Resident Information System) and Vitalcare's Localiser (RTLS location).

Integration with other proprietary nurse call systems can also be provided.

Function

Specifications

RFID technology	Active tag radio beaconing, 920MHz spread spectrum
Wrist tag/pendant battery	3V CR2450 button cell, replaceable
Wrist tag/pendant immersion rating	IP67 (can be completely submerged and washed)
RFID range	3m (typical)
Battery life	1-3 years depending on activity
Power requirement – door keypad	12VDC 200mA (optional 240V AC adaptor)
Configuration	Vitalcare app for iOS or Android, connects via Bluetooth
Relay outputs (N/O contacts)	• Local alarm (siren etc) • Door lock (through building management system) • Nurse call (interface to third party systems)
Door sensors	• Magnetic reed switch and PIR (recommended option)

About Vitalcare

Vitalcare has pioneered nurse call systems for over 30 years. The company designs, manufactures, installs and services the most innovative systems available through an international network of company owned branches and authorised distributors. Vitalcare uses IoT (internet of things) technology in its two-way waterproof pendants and call points along with cloud integration for advanced reporting, supervised maintenance and data analysis. Vitalcare is the industry's most trusted brand.

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