

product data



nursecall overlay

What is nursecall overlay?

Nursecall Overlay is a cost effective new system that allows the implementation and utilisation of telecare sensors in nursing homes. The use of telecare sensors combined with communications technology and tailored support, helps to manage risks to residents and ensure carers are quickly alerted to potential problems. Please see the reverse of this data sheet for the full list of telecare sensors available.

How does it work?

Nursecall Overlay comprises a network of 869 MHz radio receivers, giving full site coverage, a simple to use management terminal (Telecare Manager Unit), and a site-wide paging system. When a telecare sensor is activated it sends a signal to receivers located around the building. The system then generates and automatically sends a text page to pagers carried by staff. The text page provides staff with the name of the activated telecare sensor and its location to enable them to respond as quickly as possible.

Who is it for?

The system is designed for the nursing home sector where vulnerable residents and staff will benefit from the addition of solutions to manage risks. Telecare sensors can be easily added or removed ensuring the solution is tailored to the specific and changing needs of each resident.

Why is it needed?

The use of telecare combined with the appropriate support packages can help to improve quality of care by reducing risk and ensuring staff are alerted to any potential problems quickly. In particular, the use of telecare sensors in a nursing home environment can provide the following benefits to residents, carers and management:

- reduce the number of falls by residents
- reduce the number of residents being admitted to hospital
- improve residents' quality of life
- increase reassurance and support for carers and relatives
- improve the marketing proposition of the nursing home to prospective residents and their relatives

All the reassurance you need

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Features and benefits

- **Enables telecare in nursing homes** - residents and carers can benefit from increased reassurance and risk management
- **Very simple to install** - sensors utilise 'Plug and Play' programming so they can be easily added and removed to meet the changing needs of residents
- **User-friendly** - Telecare Manager Unit (TMU) gives simple management console making it easy for staff to operate the system
- **Receivers available in both internal and external variants** - providing full radio coverage in and around buildings
- **Clear alarm call notification** - text paging gives clear indication of source and type of alarm
- **Full audit trail** - system printer and 'cancel at source' feature provides an audit trail of alarms generated and response provided
- **Automatic telecare sensor battery monitoring** - sensors will generate a text page to alert carers of low battery levels

Technical details

System capacity:

Receivers: 16 (standard)
Radio devices: 300

Standards:

Radio receiver: ETSI EN 300 220-3:2000 Class 1*
Radio devices: ETSI EN 300 220-3, ETSI EN 300 683
Safety: EN 60950:2000
EMC: EN 50130-4: 1996, EN 55022: 1998, EN 55024: 1998
CE: Compliant
Design, Manufacture, Installation and Service: ISO9001: 2000

Telecare Manager Unit

Installation: Wall or desk mounted
Weight: 936g
Temperature: Operating temperature 0oC to 45oC
Humidity: Operating relative humidity (non condensing) 0 to 80%
Stand-by battery: Provides in excess of 10 hours power
Dimensions: 170 x 55 x 233mm (WxHxD)

Receiver and aerial

Frequency: Compliant with the European Social alarm frequency band (869.2125MHz.)

Internal aerial: Surface mounted

Optional external aerial: 1.5m length

Radio telecare sensors and personal triggers available include:

- Amie+ and Gem+ triggers
- Bed/Chair occupancy sensor
- Carbon monoxide detector
- Enuresis sensor
- Epilepsy sensor
- Fall detector
- Flood detector
- Medication dispenser
- Natural gas detector
- Pillow alert solution
- PIR (movement detector)*
- Property exit sensor
- Smoke detector
- Sounder beacon
- Temperature extremes sensor

*NOTE: A Class 1 receiver is necessary for highly reliable SRD (short range device) communications media; eg serving human life inherent systems.

All sites will require surveys to determine the number of receivers required.

A telecare solution is also available for Extra Care and grouped housing developments, please see the Telecare Overlay and Telecare Overlay Extra data sheet.

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www.tunstallgroup.com

Tunstall is a founder member of the Continua Health Alliance

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