

# Telecare overlay & telecare overlay extra

## What is telecare overlay?

Telecare Overlay is an addition to Communicall Vision systems that allows the implementation and utilisation of telecare sensors. The use of telecare sensors combined with communications technology and tailored support, helps to manage the risks associated with independent living, including falls, gas leaks and fire, and can enable people to live in their own homes for longer. Please see the reverse of this data sheet for the full list of telecare sensors available.

Telecare Overlay links radio receivers to an existing Communicall system, enabling staff to receive alarm calls from a variety of identifiable telecare sensors. Alarm calls generated to a monitoring centre off-site can provide details of the sensor type and location using the TT92 protocol.

## How is telecare overlay extra?

Telecare Overlay Extra provides the additional option of a lifestyle reassurance solution. It helps care staff to review care plans when changes in lifestyle are detected helping to provide more proactive and preventative care, helping to avert a crisis before it occurs.

It consists of radio receivers, a Telecare Manager Unit and optional gateway server. The TMU provides staff with a user friendly means of managing telecare sensors.

## How does it work?

When a telecare sensor is activated it sends a signal to receivers located around the scheme. This signal is forwarded to the Communicall system which provides on-site staff with speech messages via their handsets including clear identification of the type of sensor activated.

## Why is it needed?

The use of telecare combined with appropriate support packages can help to reduce avoidable admissions to hospital, facilitate earlier discharge and help meet the objectives of the National Service Framework for Older People such as Person Centred Care and Falls.

Telecare Overlay enables new models of care to be implemented to meet the changing needs of residents and to respond to the Government's drive towards keeping people at home and independent for as long as possible.

## Who is it for?

It is designed for Extra Care and Sheltered Housing sites where vulnerable residents/tenants will benefit from the addition of solutions to manage risk within their home. Individual solutions can be provided to meet the specific and evolving needs of residents.

## Radio telecare sensors and personal triggers available include:

- Personal 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

*\*Maximum of 100 radio or hard wired PIRs on Telecare Overlay.*

Lifestyle Reassurance sensors available for Telecare Overlay Extra include:

- Electrical usage sensor
- Door usage sensor

## Features and benefits

- Enables telecare on schemes - residents and carers can benefit from increased reassurance and risk management
- Easy to assign sensors - using plug and play functionality sensors can be easily added or removed to meet the changing needs of residents
- Comprehensive alert information - Scheme Managers can be provided with clear on-site sensor activation information via their DECT handsets
- Utilises the dedicated social alarm frequency - ensures the operation of the technology is future proofed
- Compatible with existing 173MHz Tunstall central receiver - the systems can coexist with existing central receiver and Amie personal triggers

## Technical details

### System capacity

Receivers:	16 (standard)
Radio devices:	500

### 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 (only applicable to Telecare Overlay Extra)

Installation:	Wall or desk mounted
Weight:	936g
Temperature:	Operating temperature 0°C to 45°C
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

\*NOTE: A Class 1 receiver is necessary for highly reliable SRD (short range device) communications media; eg serving human life inherent systems.  
Telecare Overlay is available exclusively on Communicall Vision.  
All sites will require surveys to determine the number of receivers required.

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