



Telecare Product Catalogue



www.possum.co.uk



Who We Are

For more than 60 years, we have been leading the way in providing advanced Assistive Technology (AT) and telecare solutions to empower individuals to live more independently.

What We Offer

- Fall detection and prevention
- Complete telecare solutions
- Wandering management solutions
- Epilepsy detection
- Data monitoring
- Home safety equipment and nurse call systems
- Environmental controls

How We Can Help

Possum delivers tailored equipment solutions that support individuals across various living environments including care facilities, shared housing, independent living and private homes. Our assistive technology is customised to adopt a person-centred approach aiding professionals in maximising safety, minimising risks, and reducing negligence.

Why Choose Possum?

As experts in digital technology solutions we assist local authorities in transitioning from analogue to digital with dependable, secure and efficient hub solutions. We also help residential and supported living facilities choose the best options for their users providing dedicated product specialists, full training and remote support to all our customers.

Telecare: Care from a distance

Telecare encompasses a variety of assistive technologies designed to help vulnerable individuals live safely and independently in their homes. Our wireless sensors can be integrated into either a telecare hub or a pager, depending on the required response and living environment.



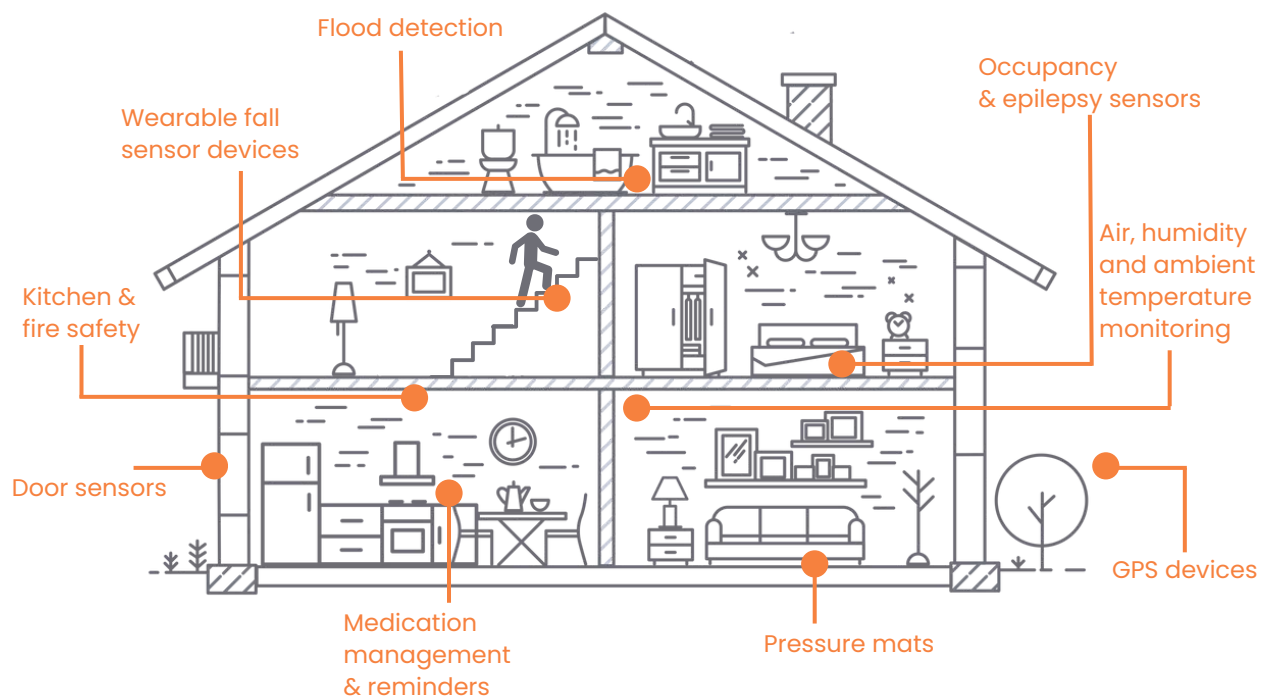
Living alone



At-home care



24/7 care setting



Telecare Hubs and Pagers



Novo IP 4G VoLTE Carephone

The Novo IP 4G VoLTE carephone is a versatile digital telecare hub designed to seamlessly integrate into any living environment and cater to the needs of its users. It acts as a central hub connecting various Possum sensors such as fall detectors, smoke alarms and bed sensors to a designated Alarm Receiving Centre (ARC).

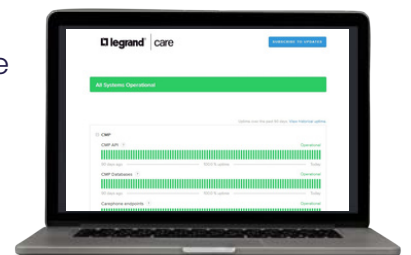
VoLTE Technology provides high-quality calls with fast setup, clarity and reduced background noise, enhancing communication.

Key Features and Benefits:



- **Speed and Reliability:** Call connections are twice as fast as 2G/3G, ensuring quick responses to emergencies. Compatible with all Alarm Receiving Centres for efficient service.
- **Connectivity and Coverage:** Wider mobile coverage, including areas with previously unreliable service, with fallback to 2G and 3G when 4G is unavailable.
- **Increased Battery Life:** Backup battery lasts up to 14 days, ensuring continuous alarm notifications during power outages for added safety.
- **Enhanced Range of Peripherals:** Includes a variety of peripherals and health home hub functionality with BLE-enabled units.

The Novo CMP is a sophisticated web-based tool for managing digital carephones and their assigned peripherals. It enables remote oversight, configuration and updates ensuring optimal device maintenance. Additionally it emphasises holistic care management by providing a comprehensive record of alarms and events, along with remote control features for efficient care service management.



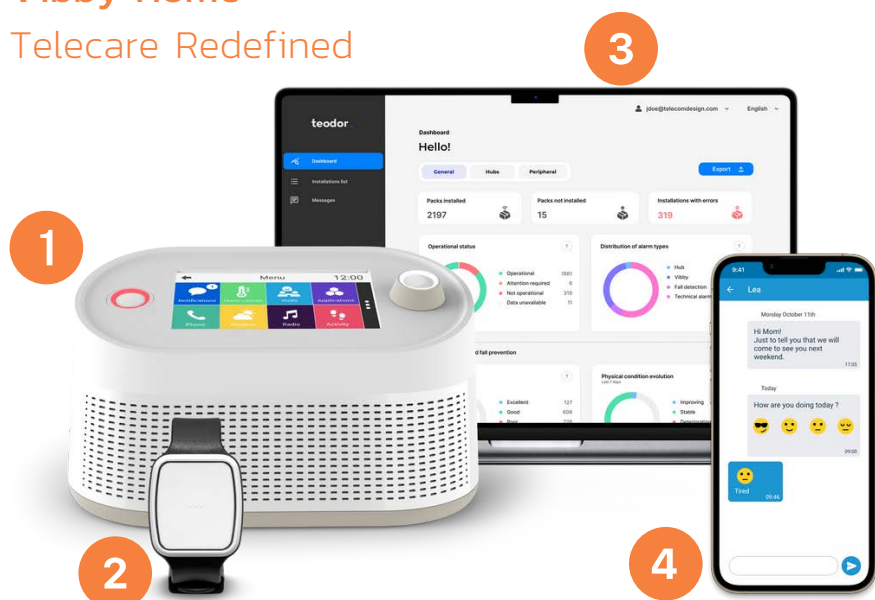
Infopager

Supports onsite carers to manage multiple sensors via one device, suitable for private homes, care homes, nursing homes and supported living. It includes a docking station option and can connect with multiple Info Pagers, enabling care teams to collectively handle alerts.

NEW



Vibby Home Telecare Redefined



Proactive and remote data monitoring to prevent and respond to falls, enhance quality of life, and offer comprehensive care from a distance.

4. Vibby App

- Monitoring physical activity
- Monitoring home Visits
- Monitoring home Environment
- Sending messages to the Vibby Hub

1. Vibby Home

- 11cm LCD touchscreen
- User-friendly interface
- Physical activity monitoring
- Indoor temperature and air quality monitoring
- Weather forecast
- Reminders e.g. medication

2. Vibby Oak

- Fall detection
- Alarm push button
- Manual cancellation of fall alarms
- Fall prevention through activity monitoring
- Stigma free approach

3. Teodor

- Simplified and cost effective device
- management
- Data science; data collected from peripherals
- Direct and personal communication with users

Protection

Activating the alarm triggers alerts to the Alarm Receiving Centre (ARC) and initiates a two-way speech call in the event of an alarm.

Activity

- Daily, weekly, monthly and quarterly activity reporting
- Customised goals

Well-being

- Weather forecast
- Air quality
- Indoor temperature

Multimedia

- Radio
- Phone

Fall Detection

Using **Technology Enabled Care** (TEC) like fall detectors ensures timely assistance after a fall, **reducing the duration and impact of long lies.**



Did you know?

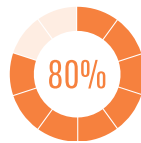
A long lie is determined if a person spends over 1 hour on the floor following a fall.



Statistics from www.england.nhs.uk



Reduce hospital admissions by **30%**



80% of long lies can be prevented



Provides timely response



Prevents health complications



Vibby Oak Fall Detector

The Vibby Oak fall detector is a wearable device that automatically detects serious falls using sensors and algorithms. It alerts a monitoring centre or caregiver's pager and can be manually triggered. The device features a hypoallergenic strap and confirms alerts with vibration and an LED light, allowing users to cancel false alarms if they stand up within 20 seconds.



“

"Wearing a fall detector has empowered me to navigate my home freely. I feel reassured knowing that if I were to fall, assistance would be readily available to help me swiftly."

Possum Telecare user

”



Smile Fall Detector

An automatic fall detector that is designed to alert following a fall at home. Worn on the wrist, the Smile comes with a push button that can be pressed to request attention in the event of an emergency.



Smile Pendant

The Smile Pendant can be worn around the neck or wrist offering a straightforward and convenient method to signal for help in case of a fall or emergency. With a simple press of a button it sends an alert indicating that the wearer requires assistance, providing both safety and peace of mind.



Swytch

This easy press carrier can hold a range of pendant alarms from most Telecare suppliers, including Tunstall and Chubb. It can be mounted to a wall or wheelchair mount and is suitable for bathroom use making this the first universal solution for all Telecare providers. No need to change out equipment for Swytch!

Fall Prevention

Falls can cause serious injuries like hip fractures and head injuries, but many are preventable.



1 in 3 adults 65+ experience a fall



Cost the NHS **£2.3 billion** per year



1.8 million hospital day beds

Statistics from www.nhs.uk



“

"Older and more vulnerable people are at a significant risk of falls. Technology plays a crucial role in preventing them, avoiding ambulance callouts and hospital admissions, and reducing pressure on the NHS."

Minister for Social Care, Helen Whately

”

Paper Thin Occupancy Sensor Kit



Our innovative product differs from traditional bed and chair sensors as it is made from a thin, tissue viability-approved material which is suitable for those with pressure sores. Utilising advanced capacitive sensing technology, it monitors occupancy without requiring weight and can be used on beds and chairs. The sensor is customisable in size for optimal performance and comfort and it also features a waterproof coating (2 versions are available one waterproof and one moisture permeable).

Pressure Floor Mat Kit



Covering a large surface area, the pressure floor mat offers an instant alert when pressure is detected, which can notify a carer that a person has got up out of their chair or fallen out of bed. An ideal solution for falls prevention when positioned correctly.

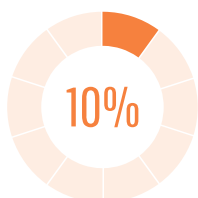
Pressure Sensor Kits



Our bed and chair kits offer either an immediate alarm or a notification during predetermined time when pressure is not sensed, indicating that the person has left the chair or bed. When combined with our SensorMATE, this creates an innovative and customised solution.

Medication Management

Inadequate management of medications for adults is considerably affecting their care and leading to inefficient use of NHS resources. Many individuals are being admitted to hospitals as emergencies due to preventable health issues, such as a heightened risk of falls and confusion.



10% of UK hospital admissions are medication related



£500 Million NHS hospitals costs due to medication non-adherence



1 in 3 over 65+ experience medication-related harm during 8 weeks post discharge



Significantly impacts mental and physical health which can exacerbate existing conditions

Automatic Pill Dispenser

An automatic pill dispenser holds medications within individual compartments and programs specific times and dosages. It sends alerts for medication reminders and dispenses the correct dose at the correct time, while locking to prevent access to others. The device also monitors adherence and notifies caregivers of missed doses, helping to reduce errors and improve compliance.



“

"Medication can both prolong life and enable people to live independently in the community. However, medication regimes for many people can become complex and overwhelming. Automatic pill dispensers have helped people to self-manage their medication, reducing the need for complex, costly, and intensive interventions like hospital admissions."

Dr. Paul Davies, Executive Director of Adult Social Care and Inclusion

”

Two options

1. Linked version via the carephone that notifies a caregiver if there is no interaction with the device after the alarm sounds

2. Standalone version that deliver alarms at scheduled times.

Home Safety

Implementing technology can significantly improve safety during routine tasks, such as cooking. It provides peace of mind knowing that someone will be alerted in case of emergencies like a fire, flood, or carbon monoxide leak.

Temperature Sensor



Designed to detect the early stages of a kitchen fire, the Temperature Sensor has a dual detection system alerting to both a rapid rise in temperature and extremely high temperatures. Often positioned in the kitchen, the sensor is wirelessly programmed to the carephone to offer a timely response in the event of a kitchen fire.

Smoke Detector



The Smoke Detector has an integrated radio transmitter that when the detector senses smouldering and open fires that generate smoke. When smoke is detected, the unit will sound and flash. The product can also be used with other items, where it will also send a radio signal to one of the receivers e.g. carephone and/or an infopager.

Vibrating Pillow Alert & Flashing Beacon



The vibrating pillow alert aids those with sight and hearing impairments by offering tactile and visual alarms. It connects to sensors, vibrating and flashing a light when activated. Placed under the pillow, it ensures users feel vibrations while sleeping. It operates on mains power with a two-hour battery backup.





the elderly account for **57% of fire related deaths**



over 50% of fatalities reported had mobility issues



over 40% of fatalities reported had cognitive impairments

The Fire Service reports a **higher incidence of fatalities from fire-related incidents among vulnerable adults**, which could be **mitigated through the use of assistive technology**.



Flood Detector



The unit sounds an alarm when it detects water through its metal contact pads. It is compatible with the carephone and alerts you in the event of a flood, helping to prevent damage and protect your home.



Carbon Monoxide Detector

This RF-enabled CO detector is designed to work with compatible receiver units. It has a built-in radio transmitter that triggers an alarm when carbon monoxide levels exceed a set threshold.

Bogus Caller Button



A bogus caller button silently alerts a monitoring centre when pressed, allowing operators to assess the situation and contact help if needed. It's ideal for those who feel at risk from unwanted visitors.



Epilepsy

Seizure alarms and monitors are designed to identify seizures and notify caregivers via a sensor linked to a pager or mobile phone. These devices facilitate the prompt administration of essential medications or treatments, thereby improving safety and health outcomes.

633,000 people
in the UK live
with epilepsy

Epi-Care



The Epi-Care wrist sensor is an innovative epilepsy monitoring device designed for users over 10 years old. It charges in one hour, detects tonic-clonic seizures, and activates an alarm to notify either a designated number via an App when used outdoors, or a telecare hub or pager for indoor use via the base unit. The base unit operates within 20m of the sensor, with optional repeaters available for extended range.

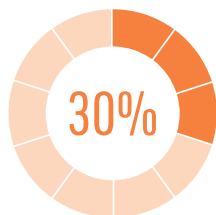


Companion Mini

The Companion Mini is the smallest monitor of its kind available today. Featuring a discreet digital movement sensor, it is designed to assist in challenging scenarios involving tonic-clonic seizures. Installation and operation are both incredibly straight forward.



epilepsy **related**
deaths per year



of people
require **rescue**
medication

Epi Care 3000



The seizure alarm is designed to detect and notify in the event of a tonic-clonic seizure. The electronics embedded in the sensor recognise a seizure by identifying its unique movements. The Epi-Care 3000 remains unresponsive to regular movements during sleep.

Users can adjust the sensitivity level and alarm timer based on their seizure patterns and the bed's specifications. Additionally, two sensors can operate together, enabling the monitoring of both a bed and a chair within the same room.

Enuresis Sensor



The enuresis sensor detects moisture to alert caregivers about involuntary urination or incontinence. Positioned between the mattress and sheet, it sends a signal to an interface module under the bed, which wirelessly connects to a carephone or pager.



Emfit Bed Sensor

The sensor is placed beneath the mattress. It monitors for abnormal, continuous movements that indicate a seizure. When such movements are detected, the sensor triggers an alarm to notify caregivers.

Wandering (Purposeful Walking)

Wandering among individuals living with dementia poses serious safety risks and increases stress for caregivers who often feel helpless and anxious. This situation can also strain emergency services.

Implementing preventive measures and utilising Technology-Enabled Care (TEC) solutions is essential.

TEC solutions, such as GPS tracking devices and monitoring systems help caregivers keep track of individuals reducing anxiety and enhancing safety. They also enable quicker responses from emergency services if someone goes missing.

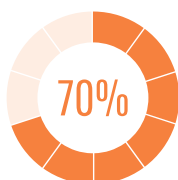


Dementia diagnosis



982,000
2024

1.4 million
2040



of people with dementia go missing at least once



Average cost:
£1,870 per missing person incident



4G GPS SmartSole

The GPS SmartSole® is a discreet insole tracker for individuals with conditions such as dementia or autism. It uses 4G and Wi-Fi to provide location updates every 10 minutes, allowing caregivers to monitor movements via a smartphone app. The device also sends alerts when the wearer enters or exits defined zones for added safety. Activation and a data service plan are needed for accurate tracking.



Take Along Tracker GPS

A compact GPS tracking device that offers real-time location tracking via a smartphone app, tablet or web portal. It features a built-in speakerphone for emergency calls and an SOS button for alerts. The device also includes geozone capabilities notifying users when it enters or exits specified areas.



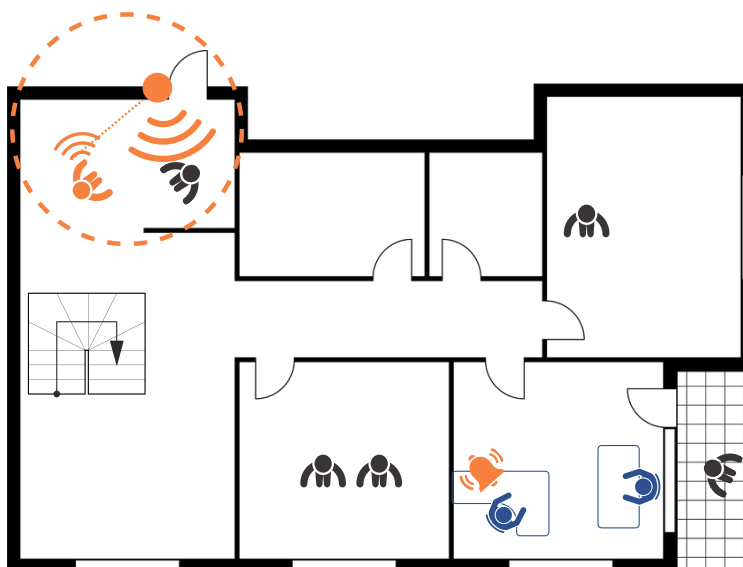


These alarms **allow individuals with dementia to move freely within their home** without constant oversight, maintaining a sense of autonomy and dignity.



Door alarms alert caregivers when a door is opened helping to prevent wandering and reducing the risk of falls, fractures, and injuries.

Enhances safety for individuals at risk of wandering in residential properties. Its wrist or lanyard sensor detects movement into restricted areas and alerts caregivers with precise location details. The system ensures a comfortable living environment by not interfering with other residents' activities. It also offers access control, panic alerts, and indoor tracking for efficient responses.





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