

# Activity Monitoring

Tunstall

Independence Solution

SOLUTION SHEET

## Activity Monitoring What is it?

Activity monitoring works at critical periods during the day when a person's activities around their home normally fit a regular pattern. If the pattern is broken, it may indicate that the resident had an accident or is unwell and needs assistance, so a call is automatically made to the ERC who will notify a caregiver of the event.

## How does it work?

Activity monitoring relies on one or several activity sensors located strategically around the dwelling, for example on the refrigerator door. A sensor could be a magnetic switch or a floor pressure mat. The sensor wirelessly signals activity to the Vi+ or CEL home unit using a ROM. A set of rules are configured in the home unit. For example, a resident is normally out of bed and in the kitchen to make breakfast between 7am and 8am and if the refrigerator door is not opened during this period then a call is made to the ERC who will notify the caregiver.

## Who is it for?

Seniors living alone, people recovering from illness, people with long term conditions, or early stage dementia.



## Nighttime Monitoring How does it work?

Nighttime activity monitoring uses a bed sensor to detect when a person is in or out of bed, and signal exceptions to their normal pattern of behavior.

The bed monitor is a small battery operated unit that can be hidden under the bed. It has a sensor pad which fits under the mattress. The weight of someone on the bed allows it to signal "In bed" to the Vi+ or CEL home unit and when the person leaves the bed it signals "Out of bed".

The home unit holds a set of personalized rules so that if the person does not go to bed within their normal period or does not get up in the morning by their normal time, then the home unit will alert the ERC who will notify a caregiver of the event. Furthermore, if the person gets up in the night and does not return within their normal time, the home unit will alert the ERC who will notify a caregiver.

## Who is it for?

People who live alone and may be at risk of falls during the night, are frail or ill, or have early stage dementia



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### Key Features

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### Benefits

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### Personal Activator

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### Specifications

- Part(s) required for this solution
  - Tunstall Vi+ (57104/570) or CEL (56004/580)
  - Tunstall ROM (64604/01) and Pressure Mat (65140) and/or Magnetic Contact
- Dimensions
  - ROM 1.97" x 2.92" x 1.06" • Pressure Mat 28" x 15.25"
  - Magnetic Contact 2 pieces 0.5" x 2.5" each
- Weight
  - N/A
- Battery Life
  - ROM 10 years (lithium battery not user replaceable)
- Installation Requirements
  - A maximum of 35 wireless sensors of any type can be installed and paired with the home unit.
- Maintenance Requirements
  - Periodic pressure mat change

For additional information please call  
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