wellbeing sensors

at the heart of safer care



re

- **50%** 1:1 reduction
- **85%** falls reduction



COUNCIL CASE STUDY

2025

"The aim of this installation was twofold; to reduce the number of falls and the amount we spend on 1:1's throughout our care homes. Following the pilot, we conclude that Well Being Sensors can reduce our outlay in these particular areas by ***60-85%.***

Council Commissioner for Older People & Ageing

Council Commissioner's Breakdown

1:1 COST BREAKDOWN

We installed in a care home with 4 residents on 1:1 care; they receive agency funding of £29.50 per hour for high falls risk individuals, via the Council.

£29.50 x 24 hours = £708 per day for one resident

HOW

Well Being Sensors allowed staff to sit outside of rooms viewing a wall screen which looked at multiple residents displaying their body heat, body position, bed exit detection, acoustic, heart and respiratory monitoring (all from a bed/ceiling mounted sensor). Any changes in these areas triggered an alert to staff where they then went into the room to assist the resident.

NIGHT-TIME SAVING

Having one staff member care for two residents at the same time during the night reduced the need for 1:1 support for the 8 hour shift (sleep duration).

COST SAVING = £236 per night for one resident

This equates to £85,904 for ONE resident in one year.

For homes with multiple residents on 1:1 care savings can get to £429,520 where one staff member monitors 5 residents on one floor.

£1652 per week

£85,904 per year = per resident

50%	Reduction in 1:1
£1652	Saving per week
£85,904	Saving per year



Results



under 2 mins

Improved Response Times

"Our staff currently check on residents every two hours during the night. We frequently wake them in this process and often disturb their sleep in addition to residents losing their own privacy and dignity. Falls frequently happen between these checks, this sensor has allowed us to react instantly to any incident."



85% reduction

Reduced Falls

"We have dramatically reduced our falls. Rather than responding to falls which our old systems did, this technology allowed us to get to residents BEFORE they fell via thermographic, sleep and vital signs triggers. The Well Being Sensor averages around 15 bedexit alerts per night, many of these would have been falls as the main reason is residents trying to get to the bathroom."



50-55% reduction

Reduced 1:1

"We had two residents on 1:1 care, 24 hours a day. Staff members sat in the rooms all night as these individuals were extremely high falls risk. We had a small screen fitted on the wall between the rooms which displayed a live non-invasive feed of both rooms (heat map, sleep pattern, breathing rate, heart rate, sound levels and microwave sensors). This meant that one staff member could monitor both rooms simultaneously for their 8 hour shift 12am-8am as opposed to two staff members. We have proposed that one staff member could monitor four residents at our sister home thus cutting the 1:1 ratio down from four staff members to one."

"The 60-85% reduction in falls and 1:1's exceeded our expectation across the 6 month project. The three care homes who had sensors fitted were able to attend the residents before any potential incident happened. Whilst some individuals will always need 1:1 care during waking hours, sleeping hours can be monitored remotely by one staff member thus reducing our staff outlay at nighttime."

Well Being Sensors, Suite B1, 1st Floor, GB Liners House, Stuart Road, Broadheath, Altrincham, Cheshire, WA14 5GJ
enquiries@wellbeingsensors.com
0330 016 2825
wellbeingsensors.com