wellbeing sensors

at the heart of safer care

Wigan Council

Wigan Council
2025

> The sensors had a dramatic reduction in falls by 85.7%. In the room that did have two falls, the system evidenced our response times as 15 and 54 seconds. We also completely changed our 1:1 support process. Amazing!
>
> **Care Home Manager, Wigan Council**

85%	50%	80%	1 min	36	9.6
Reduction in falls	Reduction in 1:1s	of rooms had 0 (zero) falls	Typical response time	Average welfare checks - per night	Average bed exits attended - per night

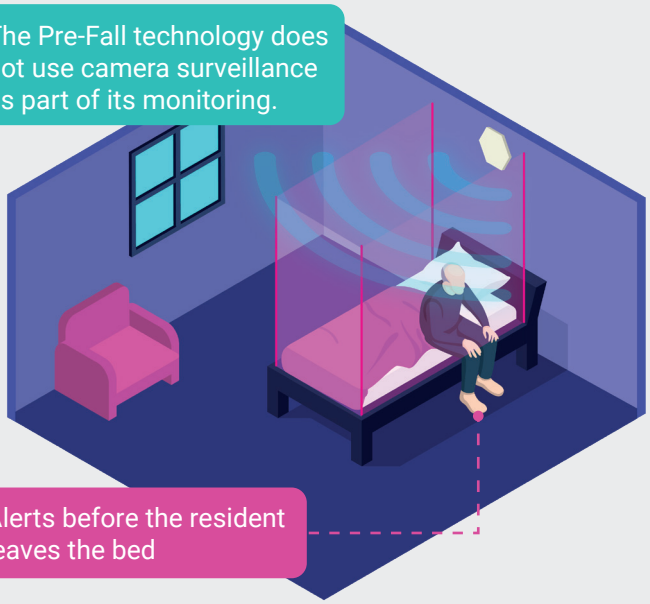
Reduced falls

14 Falls › 2 Falls

> Wigan Council fitted sensors inside the five most prominent falls/1:1 risk rooms. In those five rooms, we had averaged **14 falls every 3 months**.
>
> After the installation, we had **0 falls in 4 rooms** and **2 falls in 1 room**. Of those 2 falls, we attended both in **under 1 minute** which we could not previously record. Here we also reduce the associated costs and processes with investigating fall incidents.
>
> **Theresa Emons**
> Care Home Manager at Ashton View Nursing Home

How it works

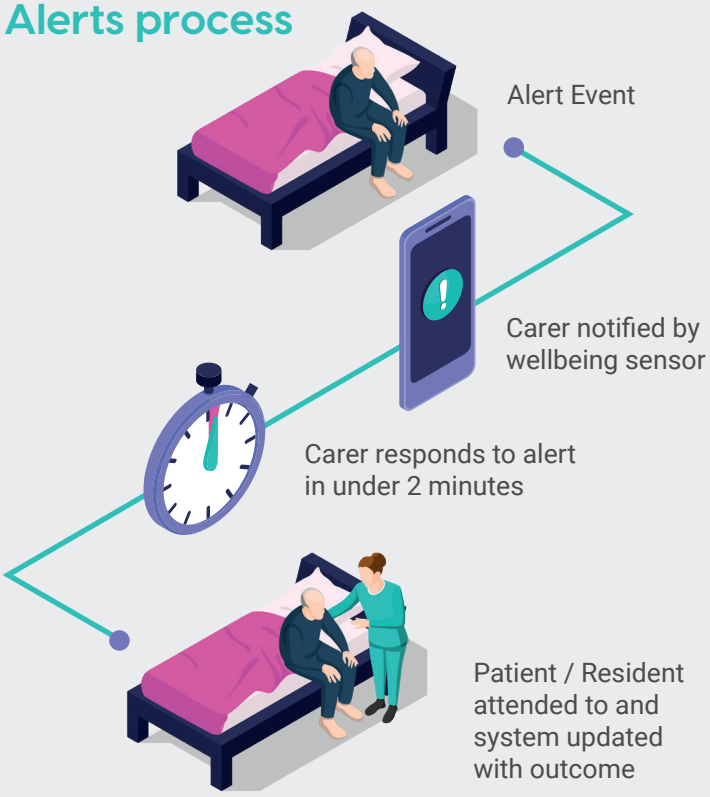
The Pre-Fall technology does not use camera surveillance as part of its monitoring.

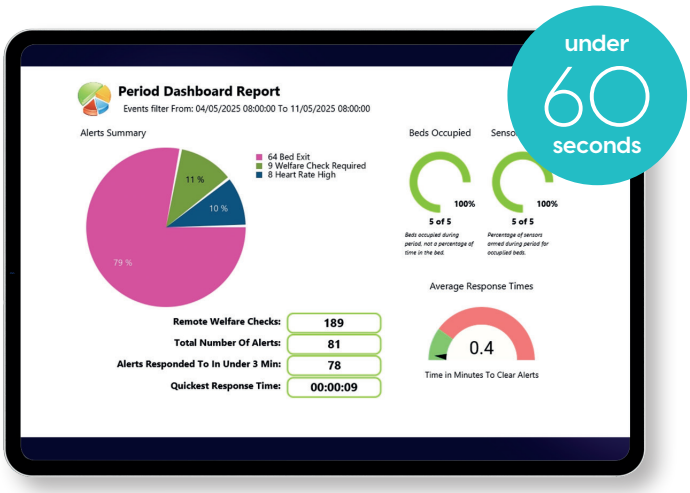


Alerts before the resident leaves the bed

- Acoustic
- Heart Rate
- Microwave
- Respiratory Rate
- Thermographic

Alerts process





Accelerated Response Times

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Our staff currently check on residents every two hours during the night. We can now view the heat source remotely which means we do not have to go in, which can actually lead to falls. The multi view is fantastic as we can see every resident on one screen. The moment there is any issue we send a staff member into the room.

Our average response time over 3 months is under one minute. This is not only good practice but reassurance for family members. We can see the overview daily, weekly and monthly as well as being able to playback any incident, without the need for a camera.

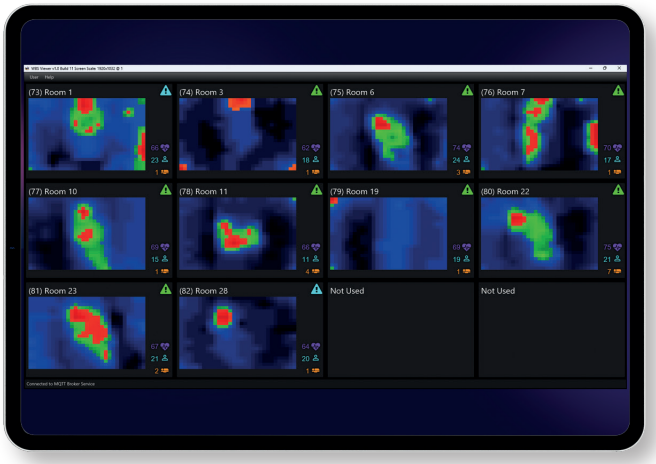
Reducing 1:1 care ratio

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For individuals who are very high risk, we often have to provide an extra level of care and support for every night shift; at a cost of £84,000 per annum. These include residents who have more challenging behaviour, falls risk or require more frequent visits particularly through the night time.

We have seen a huge benefit at night time as we can remotely care for these individuals without going into the room and thus waking them. This is achieved via the capabilities that the sensor delivers (heat mapping, sleep pattern characteristics, breathing rate, heart rate, sound levels and microwave sensors). The thermographic technology allows us to see that every resident is safe in bed.

"One member of staff can remotely oversee up to 12 residents via just one monitor to ensure they are all safe while they sleep."





Incident Report

In the event of the sensor being triggered by a Bed Exit, we're able to provide and Incident Report for each individual event. All Incident Reports will be time and date stamped along with any narrative to support the event.

Bio data also reinforces all Incident Reports to demonstrate the exact movements and happenings during these episodes.

This evidence helps reduce the litigation claims from families as it demonstrates good care is being delivered.

White paper

This project has a white paper available which was completed by an Independent Clinician. This paper documents the evidence, outcomes and data collected by the provider's Clinical Governance Lead.

Please contact us for a copy.

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