wellbeing sensors

at the heart of safer care

Staffordshire County Council

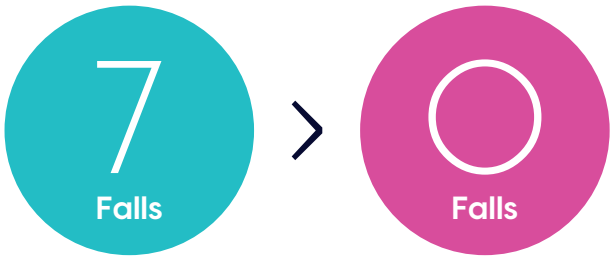
Staffordshire Council

2025

Staffordshire installed 20 bed sensors across three different care home sites with the aim to reduce the number of falls, incidents and hospital admissions.

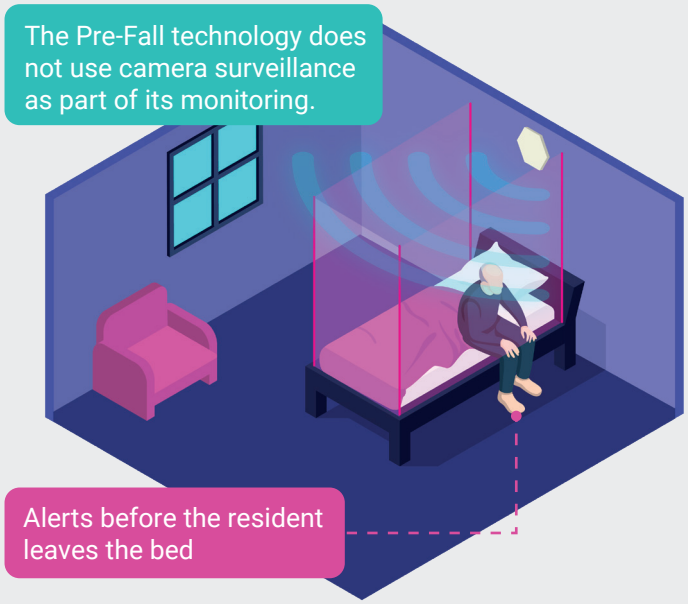
100% Reduction in falls	100% of beds remotely armed	41 Early intervention vital sign alerts	90sec Typical response time	6 Average welfare checks - per night	3 Average bed exits attended - per night

Reduced falls



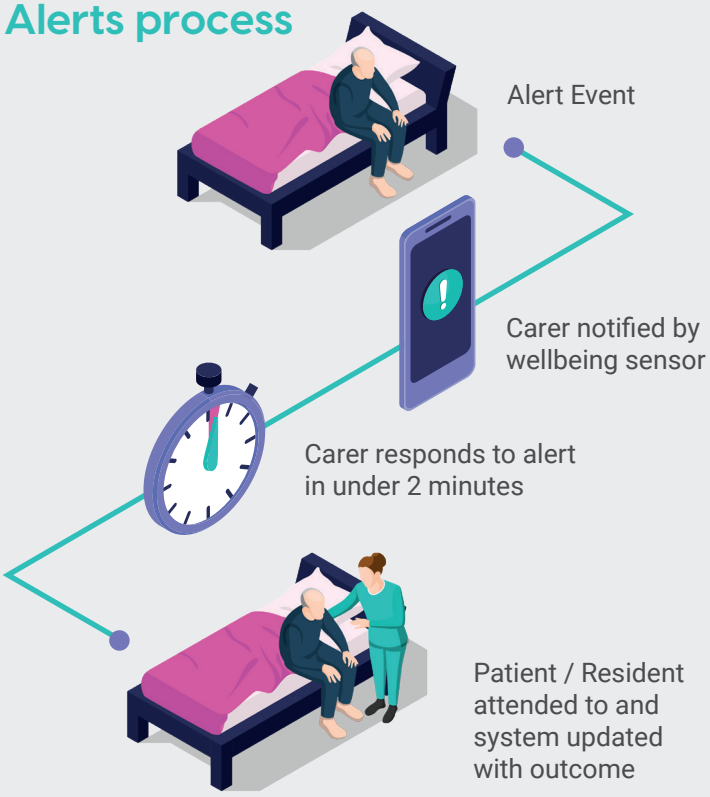
> For the first time, we get to residents **BEFORE** they fall rather than reacting to each incident when it is too late. We had one resident who was an extremely high falls risk. She had **7 falls across a 6 month period**, two of which resulted in hospital stay. After fitting the sensors, she had **zero falls for the following 6 months**. This 100% reduction was something we could never have thought prior.
>
> **Kevin Prince** - Operations Manager

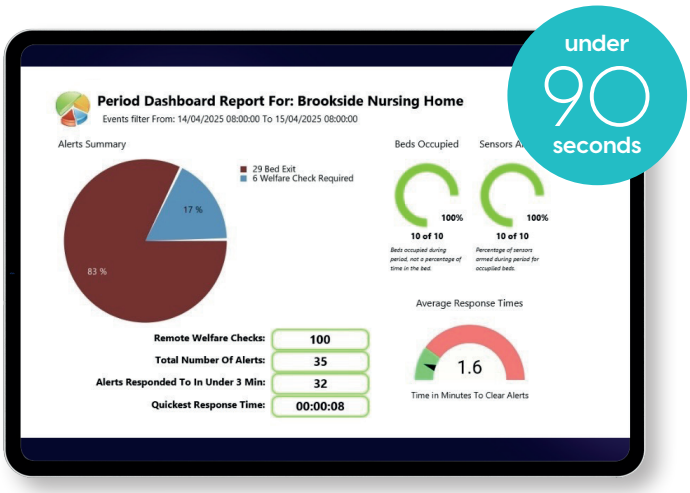
How it works



Acoustic · Heart Rate · Microwave · Respiratory Rate · Thermographic

Alerts process





Accelerated Response Times

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Our staff have an average alert response time of under 90 seconds. Staff carry around mobile PDA's allowing them to be dealing with other residents whilst having the reassurance of knowing they can keep those in bed safe. The alarm is instant so they can get to the resident very quickly.

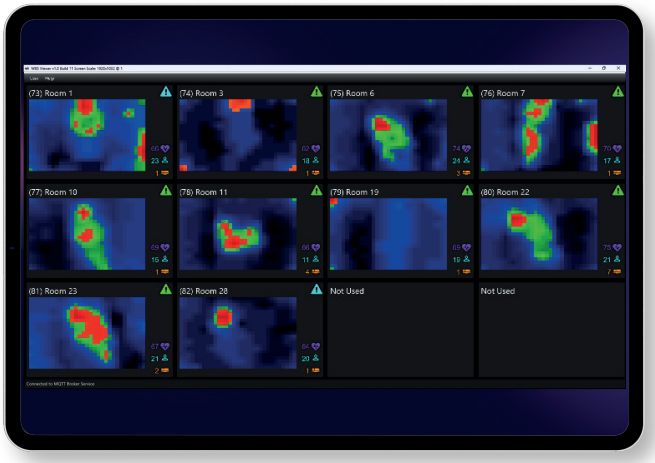
Lydia Bird - Care Home Manager

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. 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. The thermographic allows us to see every resident is safe in bed.

Skye Spragg - Care Lead





Incident Report

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During the night, the sensor detected an irregularity in a resident's breathing pattern, alerting the staff of a potential issue. This early detection allowed the staff to respond promptly and identify the problem. As a result, they were able to swiftly arrange for medical support. The resident was then transported to the local hospital for further evaluation and treatment, where he spent five days. He eventually recovered and returned back to us. The sensor was incredible in terms of early intervention.

Skye Duffy - Bracken Deputy Manager

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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