Sensio Research Impact Report

Executive Summary

Date: July 2026
Prepared by: Care Research

Purpose

Care Research was commissioned by Sensio to independently evaluate the efficacy of its RoomMate sensor technology, which supports care services to identify falls quickly, including before they occur, and to track and analyse falls data for service improvement and resident protection.

The evaluation drew on falls, safeguarding, ambulance callout and response time data shared by care providers using the system, alongside qualitative interviews with frontline staff and leadership.

Headline Findings

Falls identification improves, not just falls prevention

Recorded falls, particularly bedroom falls, rose after implementation in every home studied. This is not evidence of more falls occurring; baseline detection rates were very low before implementation, and the consistent increase across multiple independent services is best explained by the system identifying falls that were previously going undetected or unrecorded.

Safeguarding falls fall sharply

Where pre/post safeguarding falls data was available, rates reduced by 51% to 80% across services, an average reduction of around 61%. This decrease occurred despite an increase in overall identified falls and despite rising resident dependency levels over the same period, indicating a genuine improvement in outcomes rather than a shift in reporting alone.

Response times improve in the majority of services

Response time data showed measurable improvement in the majority of homes tracked, with some services more than halving the time taken to reach a resident after a fall or alert. Improvement was not uniform across every service, but the overall pattern points to faster staff response once the technology is embedded and in routine use.

No escalation in serious harm

Harmful falls, defined as fractures and serious injuries, remained consistently low across the evaluation period regardless of rollout date or home. There was no evidence of increased fracture or serious injury rates linked to implementation.

Qualitative benefits reported by staff and leadership

- Faster, more confident fall detection and response, including for staff as well as residents
- Richer information for safeguarding investigations and for briefing ambulance and hospital teams, removing speculation about how an injury occurred
- Early identification of underlying health issues, such as UTIs, through changes in sleep and toileting patterns
- More dignified, less intrusive supervision that supports resident independence and privacy
- Improved operational oversight, with automatic logging reducing the risk of missed documentation
- Increased family trust and a meaningful commercial differentiator during admissions and fee discussions

Conclusion

Taken together, the quantitative and qualitative evidence supports the conclusion that Sensio's RoomMate technology improves the accuracy of falls detection, contributes to a substantial reduction in safeguarding falls, and is associated with faster staff response times in most services. Serious harm rates have not increased, and staff and leadership consistently describe wider benefits for resident wellbeing, operational efficiency and family confidence.

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