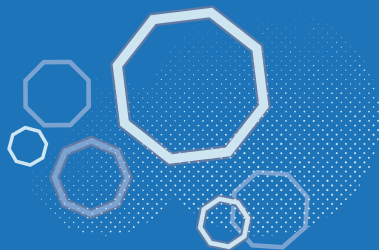


Reablement Case Study

Surrey County Council



To find out more visit our website
www.cascade3d.com

Cascade3d and Surrey County Council

Reablement Pilot Evaluation



200+

Reablement Clients
with Cascade3d
Connected Care



100+

Surrey County
Council Staff
members trained



57%

of cases reported a positive
effect on understanding
the resident's mobility

OUTCOMES



79%

of cases reported
technology allowed for
the Reablement
outcomes to be met



60%

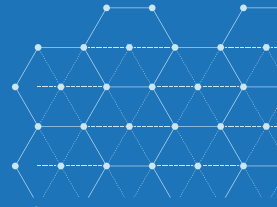
of cases reported the
system was a benefit in
assisting with the
assessment



40%

of cases reported a
reduction in the
average length of
support visits

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Smart sensor technology integration within Surrey's Reablement Service

In February 2025 Surrey County Council (SCC) in partnership with Cascade3d began to introduce smart sensor technology into their county-wide Reablement service. Since launch the project has supported almost 200 residents across Surrey. The main objective of this project was to improve efficiency and capacity within the Reablement service by introducing Cascade3d's motion sensor technology. The sensors monitor 'Activities of Daily Living' (ADL), providing additional insight alongside in-person assessments.

The data from the smart technology has given the Reablement teams a better understanding of a resident's routine and progress between planned face to face care visits. As a result care plans can be more personalised, adjusting visit times, increasing or reducing the number of daily visits, or enabling earlier discharge from Reablement where appropriate. The motion data was also shared with the resident's family member via a mobile phone app. This sharing of the movement data is very re-assuring for any informal carers who are obviously concerned for the family member at an often difficult time.

Full project training was given to all five of the Surrey Reablement teams covering installation, monitoring, collection and re-use of the Cascade3d sensor kits. This training was delivered by the SCC Connected Care Team, supported by Cascade3d. This enabled front-line staff to install and manage the equipment without the needs for specialist installers. The SCC Connected Care Team and Cascade3d worked together to ensure the project and system was tailored to meet the Reablement service needs. The entire project was also delivered during a period of wider organisational change and the national analogue to digital transition. Despite these factors the project has been a great success.



Paula's Story

Paula was admitted to hospital in July 2025 with urinary urgency and difficulty bearing weight. Paula lives on her own with no formal support and has been living downstairs in her home. Paula's goal is to "get back on her feet" and regain the independence she enjoyed prior to her fall, including attending her knitting group.

Paula was referred to Reablement to work on her independence with mobility, transfers, stair mobility and carrying objects safely whilst using a walking aid. Motion Sensors were installed by Reablement within her first week at home. Within 2 weeks Paula began walking independently with a frame and preparing meals on her own. Lunch and tea calls were then discontinued. By week 3 Paula felt more confident at home so evening calls were reduced and later stopped completely. Morning calls were then reduced to four times per week.

Reablement staff, with guidance from the Connected Care team, were able to confirm Paula's increase in independence between calls prior to her final review by reviewing the data on the motion sensor dashboard and the reports generated.



Peter's Story

In March 2025 Peter was referred to Reablement for three calls a day to work on cooking, personal care and environmental reorientation following a hospital admission.

The Cascade3d sensors were installed on day two and within a couple of days an insight report was delivered to the reablement team highlighting unusual behaviour. Peter appeared to be boiling the kettle over ninety times and visiting the bathroom over forty times in the space of one day. Upon further analysis it was clear that he was very unsettled, awake for most of the night and constantly moving around the house.

These insights enabled the Reablement Team to step in quickly and arrange a much more suitable long term care package and prevent a hospital re-admission or care home admission.