

CareVolutionAI

Innovative AI solutions for the care of the future

The project addresses the increasing challenges in the care sector due to demographic change, a shortage of skilled workers and rising costs.

The aim is to further develop and evaluate a **data protection-compliant sensor system with AI-supported event detection in the residents' rooms of care facilities and clinics.**

The system is intended to comprehensively detect critical events automatically and analyze care-relevant long-term behavior patterns, including mobility as an indicator of e.g. pressure ulcer prophylaxis, cognitive impairment or sleep quality.



Innovative features

Our AI-based sensor technology offers numerous benefits for care facilities, caregivers and residents

AI-powered behavioral recognition



Real-time alerts

Privacy-compliant technology



Improved quality of life

Personalized care insights



Relief for nursing staff

Funding

The project is co-financed by Interreg Alpenrhein-Bodensee-Hochrhein (grant no. ABH036) with funds from the European Fund and the Member States for Regional Development.

Duration

01.05.2025-31.10.2027

Cost

EUR 1.24 million

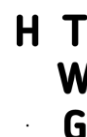
Interreg funding:

EU: EUR 0.5 million

CH: EUR 0.2 million

Partners

The cross-border cooperation project unites users from the care sector with solution providers from industry and research



Hochschule Konstanz

University of Applied Sciences