

CASE STUDY

World's First Wearable for Autonomous Health Tracking



OVERVIEW

NEXA partnered with CarePredict to launch the world's first AI-powered wearable solution that enhances senior care by autonomously tracking daily activities, identifying early signs of health changes, and improving caregiver response times. Designed for large-scale deployments, the solution delivers continuous insights that support safer and more proactive care.

KEY HIGHLIGHTS

69% Decrease in annual fall rates among facilities using the Tempo™ wearable.

39% Reduction in unplanned hospitalizations.

37% Faster caregiver response time driven by real-time alerts.



Winners of CTA Foundation Accessibility Award, CES 2019

NEXA

NEXA (formerly Social Mobile) is the leading provider of enterprise mobility solutions. We are an IoT design firm that specializes in developing custom devices for the world's biggest companies. As one of Google's validated Android Enterprise Gold partners, we handle every aspect of our clients' mobility needs.

Visit nexamobility.com for more.

CHALLENGE

Traditional senior-care monitoring relied heavily on manual tracking and reactive intervention. Without real-time insight into Activities of Daily Living (ADLs), caregivers struggled to detect early health changes; this led to delayed support, increased fall risk, and higher hospitalization rates.

SOLUTION

NEXA created the Tempo wearable for CarePredict, integrating it with AI to monitor residents, alerts for caregivers, two-way voice communication, and fall alerts, reducing hospital visits and enhancing senior care.

Custom Hardware & Design

The Tempo™ wearable features a swappable, removable battery for uninterrupted operation. Its purpose-built design ensures long-term reliability, making it ideal for continuous use without compromising user experience.

Autonomous Activity Tracking

Our solution is the first wearable capable of autonomously monitoring Activities of Daily Living (ADLs). It continuously tracks daily patterns and provides early detection of deviations that may indicate health decline, ensuring proactive care.

Enhanced Caregiver Connectivity

The device offers two-way voice communication for real-time caregiver interaction and includes a panic button for urgent assistance. Automated alerts keep caregivers informed, enabling timely interventions.

CONCLUSION

NEXA empowered CarePredict to deliver a scalable, AI-driven wearable solution that transformed senior care from reactive to proactive. By enabling real-time activity tracking and faster caregiver response, the solution reduced falls, hospitalizations, and operational complexity, setting a new benchmark for technology-enabled elder care.

