Foresite Fall and Health Management

SOLUTION OVERVIEW

Helps to prevent falls and reduce hospitalizations in senior living

REAL-WORLD BENEFITS REALIZED BY CLIENTS

- Helped reduce falls by 54%
- Doubled length of stay by preventing hospitalizations
- 5% increase in occupancy
- Guesswork reduced from root cause analysis
- 24/7 privacy-protecting passive monitoring

PRODUCT FEATURES

- **Fall prevention.** Foresite passively monitors walking speed, gait, stride, TUG score, restlessness, heart and respiratory rate and more, then sends an alert when resident fall risk increases.

- **Fall detection.** If a fall occurs, Foresite delivers an immediate alert with privacy-protecting video for immediate care.

- **Proactive health alerts.** Foresite AI delivers early indicators of UTI, pneumonia, heart failure and more.

CHALLENGES

For senior living communities, preventing hospitalizations and safety events such as falls remains a top priority and challenge. At the same time, occupancy remains a top concern for many senior living communities today. In a competitive market, sales and marketing teams may be hard-pressed to differentiate their communities and give resident families peace of mind that residents will live healthier, happier, safer lives in their community.

SOLUTION

With Securitas Healthcare's Foresite solution, communities can leverage the power of artificial intelligence to provide proactive insights by tracking changes in a resident's fall risk and health condition. These valuable insights enable administrators and clinicians to increase operational efficiencies and provide high quality resident care, which increases the quality and longevity of life for their residents—ultimately increasing the length of stay and profitability to the community.

HOW IT WORKS

Foresite combines passive wireless sensors, depth sensors and under-bed sensors with artificial intelligence, as no human could, to proactively and continuously monitor and interpret residents' movements and vital sign trends. The sensors communicate that data to the Foresite software—which transforms it into game-changing insights a caregiver can use to make an independent assessment and improve long-term care planning.
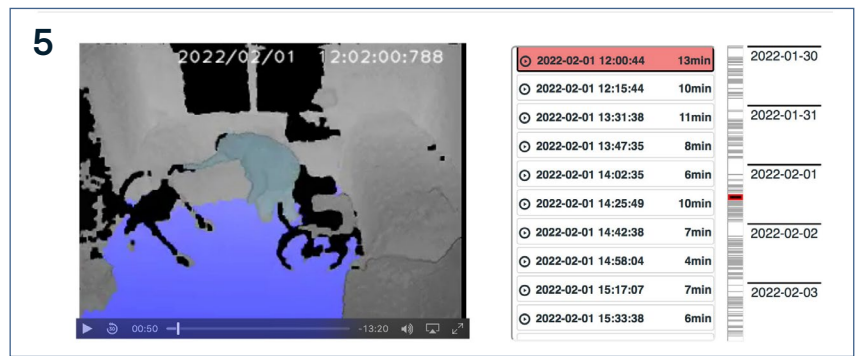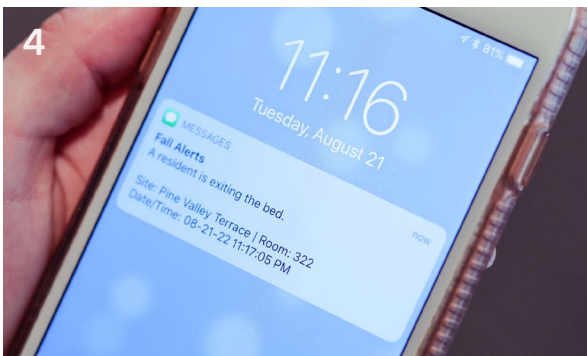
"This technology gives families the assurance that their loved one is being cared for, even better than with one-on-one care.

– Cathy Krege, Director of Clinical Services & Compliance, Provision Living Senior Communities

Resident health data is passively and privately collected via:

1. **A depth sensor** that uses infrared (IR) technology to take precise measurements that calculate movement, walking speed, gait, stride and TUG score;

2. **A bed sensor** under the mattress to trend restlessness, bed occupancy, sleep quality, etc.

3. **One or more motion sensors** to cover areas where the depth sensor would not cover.

Actionable insights include **4. immediate fall alerts** accompanied by **5. a privacy-protecting video** of the event captured by the depth sensor so that caregivers are prepared for an immediate response. Rewind and review capabilities provide a distinct understanding of what happened without disrupting a resident's privacy. Identify what is happening before a fall so that you can prevent future falls and further understand resident health and wellness to proactively improve resident care.