

Assistive Technology for Aging Adults in Community Residential Services



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The Aging Population in Community Residential Settings

- **Earlier and accelerated aging**
 - 10-20 years earlier than general population
 - Higher rates of chronic conditions
- **Increased risk of dementia-especially in Downs syndrome, often beginning in their 40's and 50's**
- **Aging in Place Supports**

Tools to support aging in place while reducing risk and staff burden

- **Safety & Environmental Monitoring Supports**

- Fall & Movement Monitoring

- Bed and chair exit alarms

- Floor sensor pads

- Non-camera motion sensors

- Wearable fall detectors



• Mobility & Physical Support

–Fall recovery lifts

- Raymex, Raizer

–Sit-to-stand lifts

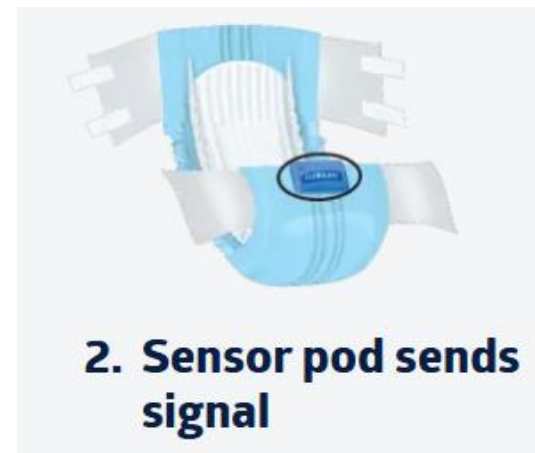
–Automatic lighting (motion-activated night lights)

–Voice activated call systems (echo dot)

–RN call buttons

–Incontinence Supports

- FitRight Connect, Humidicheck,
- ebrief, AlertWet

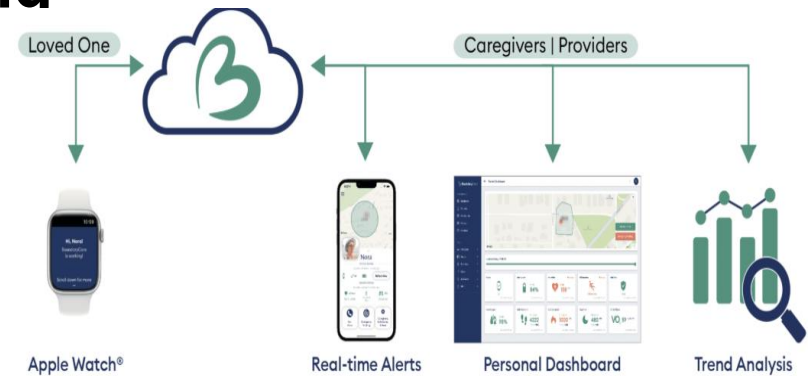


• Health and Wellness Supports

–Wearable Biometric monitoring

- heart rate
- oxygen saturation
- heart rhythm (A-Fib)
- Seizure detection
- Sleep tracking
- Daily exercise and steps

–Blood Glucose monitoring devices



- **Wandering Elopement Supports**

- **Door sensors and chimes**

- **Door pressure sensors**

- **Motion detectors**

- **GPS tracking**

- Air tag

- Angel sense

- Boundary care



Questions?

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