

History

WellAWARE™ Systems was founded in 2000 at the Medical Automation Research Center at the University of Virginia with the goal to develop technology in support of higher quality, more efficient and less costly health care. After initial prototype designs were created, research and development studies were conducted with two of the country's largest not-for-profit providers of senior care. After favorable testing in various senior housing settings, including senior living communities and home health, the WellAWARE System was successfully launched in 2009.



WellAWARE Systems

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 WellAWARE™ Systems
Empowering Professional Caregivers





Challenges to Delivering Proactive Care

Many seniors will not or cannot self-report changes in their health.

Front line staff, who are responsible for noticing these changes and who deliver 80% of care, have an annualized turnover of 71%.

Nursing staff, who coordinate care delivery in response to these changes in wellness conditions, turnover annually at 51%.

SOURCE: Institute for the Future of Aging Services



Our Solution

WellAWARE's proactive technology bridges these communication challenges, and is similar to something you experience daily. Your car passively measures critical engine functions such as oil pressure, battery charge and temperature. When subtle changes become trends, a light appears on your dashboard to alert you that an issue needs your attention.



The WellAWARE™ System operates under the same premise. Our passive technology alerts caregivers to subtle changes in key wellness indicators, such as sleep quality, activity levels, bathroom visits and more. Caregivers can then intervene early, and significantly improve health related outcomes.

Sleep Quality – Vital to Wellness

MONITORING PRESENCE IN BED IS NOT ENOUGH

Sleep deprivation can lead to increased falls, confusion, depression, poor nutrition and overall health decline.

– Journal of the American Geriatrics Society

65% of residents living in a senior living facility experience clinically significant sleep disturbances.

– Journal of the American Geriatrics Society

37 million older adults have sleep problems, yet

only about 1 in 8 have been diagnosed.

– Senior Journal

70% of individuals with sleep deprivation do not report difficulty sleeping.

– National Institute of Health

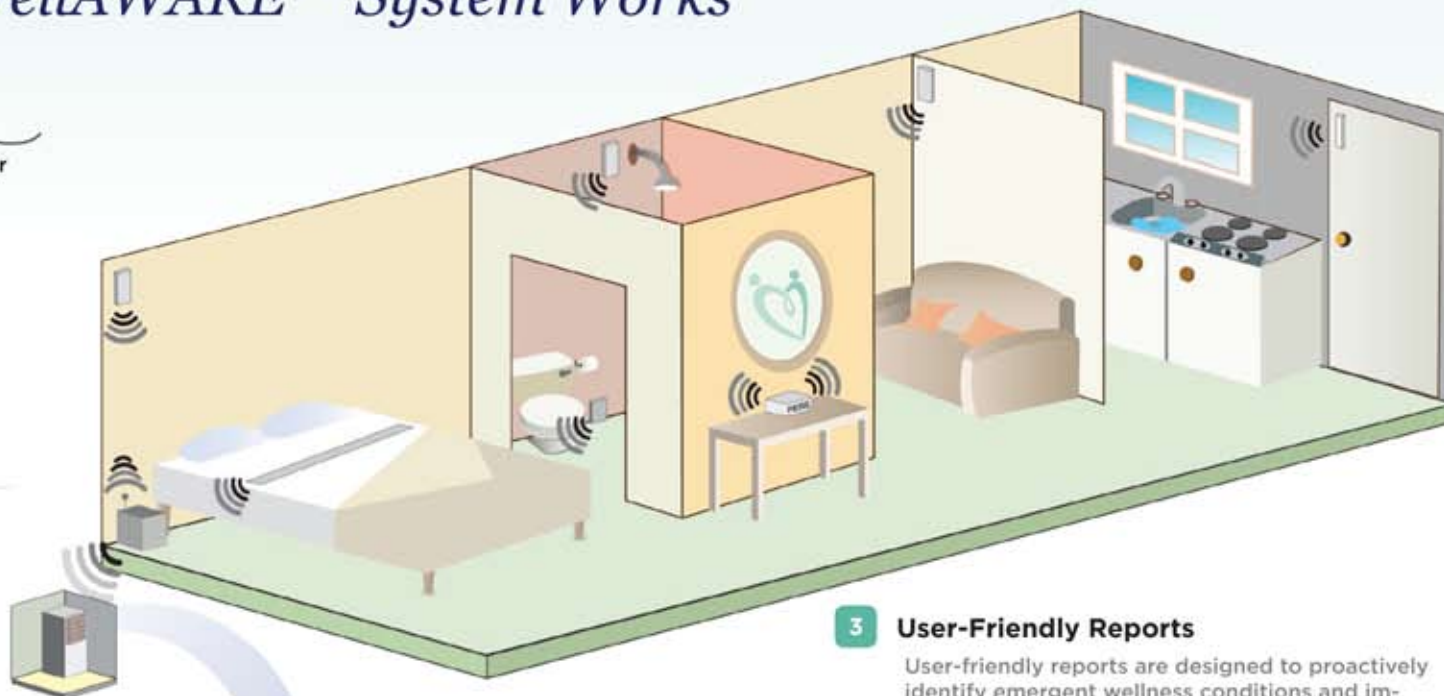
Seniors who get fewer than 6 hours of quality sleep a night have a 50% increased risk of viral infections and increased risk of heart disease and stroke.

– National Institute of Health

How the WellAWARE™ System Works

Key Components

- Sleep Quality Sensor
- Bathing Sensor
- Bathroom Sensor
- Activity Sensor
- Threshold Sensor
- Data Manager
- PERS Console & Pendant (optional)



1 Data Manager

The Data Manager receives wireless signals from an array of sensors. The data can be transmitted via a phone line or wired/wireless broadband.



2 Authorized Caregivers

Data is analyzed 24/7 on a private secure server. Caregivers can easily access the password protected wellness and trend reports from any computer with Internet access. Alerts can be received via email, text message, pager and PERS system.



Mobile Devices

3 User-Friendly Reports

User-friendly reports are designed to proactively identify emergent wellness conditions and improve care delivery efficiency.



Benefits of a 24/7 Team Member

Quality of Care

- Reduce falls, UTIs, poly-pharmacy issues and infections
- Identify potential emergent health conditions
- Increase care delivery efficiency
- Improve effectiveness of clinician time
- Enhance disease management and end of life care



Operations

- Support continuity of care in the event of staff turnover
- Easy to use, timely and objective information
- Provide care based on need rather than schedule
- Enhance communication between care staff, seniors & families
- Focus efforts on what's important, not just what's urgent

Sales

- Increase length of stay and reduce move-outs
- Identify changes in extended care at time of need
- Drive referrals by improving quality of care
- Provide market differentiation
- Extend services into the community



Success Stories Testimonials

“The WellAWARE System reports have become such an important part of my day, I don’t know what I would do without them. I can easily pull up the dashboard page and see a great summary of what is going on with each resident in a matter of minutes. Rather than my day being spent responding to various issues and emergencies, I can efficiently prioritize and provide proactive, preventative care to my residents.”

—Betty K., RN

“My mother, with mid-stage dementia, was having repeated emergency room visits due to urinary tract infections. Now that we have the WellAWARE System in place, the caregivers can tell when her bathroom visits become more frequent and alert the doctor, saving her further discomfort and the inconvenience of a trip to the hospital. I’m provided with greater peace of mind, and the cost of her care has been reduced.”

—John K., Family Member