Tek-CARE®750

fall detection and monitoring system

Detect. Predict. Prevent.

TekTone®

sensing by vayyar™

A virtual care assistant in every room

Older adults demand constant protection, complete privacy, and freedom from buttons and wearables.

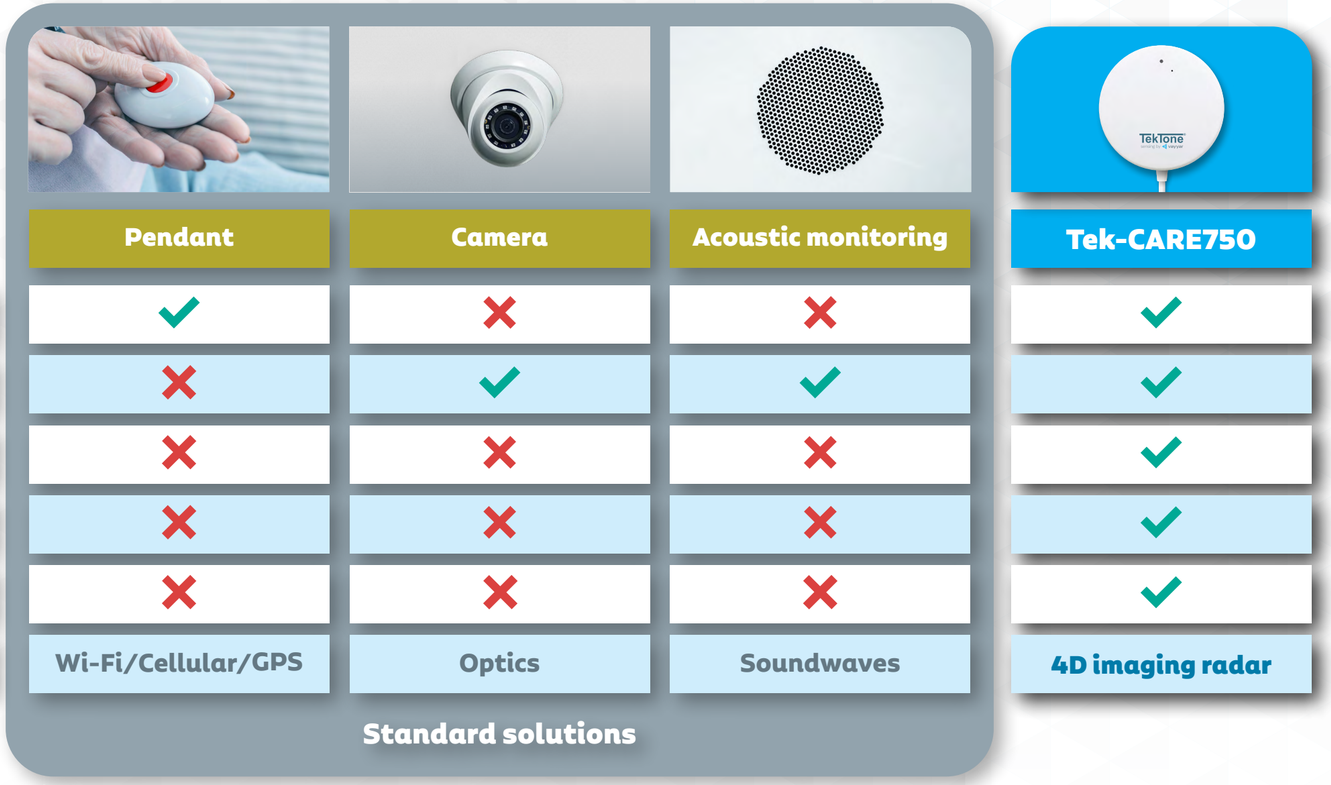
Tek-CARE750, with sensing by Vayyar, detects falls using 4D imaging that respects privacy at all times.

Integrated with Tek-CARE nurse and emergency call systems, touchless, camera-free RF sensors operate 24/7 in all lighting conditions and even the steam of a bathroom where fall risk is highest.

Tek-CARE750 also gathers essential activity data that supports fall reduction programs, enables care prioritization, and reduces staff workload.

Standard solutions are failing residents

Tek-CARE750 is the optimal monitoring solution for care providers, gathering essential data that guides effective interventions.



*Indoor

The final word in falls management

Instant passive fall detection

Eliminate long lies when residents fail to push a pendant button or pull a cord, with full room coverage.

Real-time fall verification

Overcome the issue of alarm fatigue and delayed response caused by false alerts resulting from call system overuse or legacy device malfunction

Hidden fall identification

Reveal the minor falls that half of residents fail to report and which are the leading risk factor for subsequent serious falls.

Put data at the core of care

Tek-CARE750 also gathers rich behavioral data supporting health analytics via the Vayyar Care Insights platform, to provide an end-to-end falls management service.

Physical mobility

Monitor levels of in-room activity, one of the best indicators of general health.

Social engagement

Highlight social isolation that increases the risk of heart failure, stroke, and cognitive decline.

Self-recovered falls

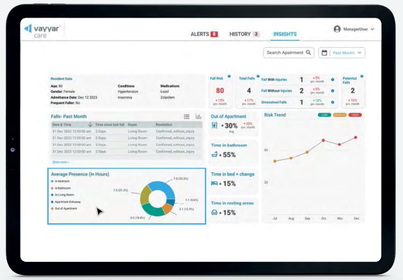
Reveal unreported minor falls that are the leading risk factor for future falls, enabling preventative action.

Bathroom usage

Support diagnosis of digestive issues and UTIs that cause low blood pressure, dizziness and even sepsis.

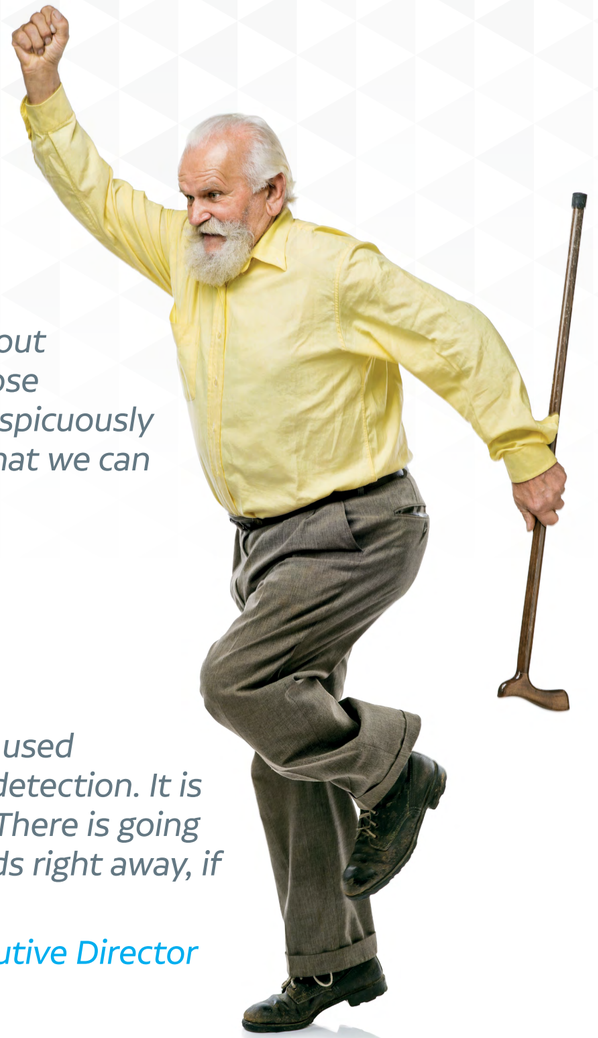
Fall prediction

Fall histories and activity data highlight residents at the highest risk of falling.



Machine Learning-driven trends

What care providers are saying:



- **Inconspicuous and affordable**

  "One of the things I really like about the system is that I could put those throughout the home very inconspicuously and it comes in at a price point that we can do that for people."

  Nick Alexander, *Vice President*
  THS Remote Support Services
  thsrss.com

- **Real-time fall detection**

  "None of the technology we had used previously gave us real-time fall detection. It is so different, accurate and good. There is going to be a staff person that responds right away, if they have a fall."

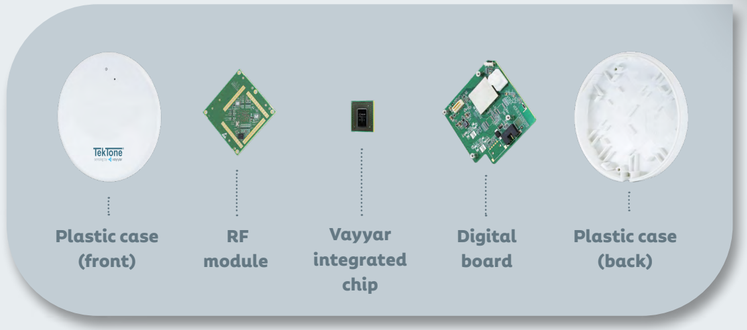
  Nathan Gerhard, *Associate Executive Director*
  Keystone Human Services
  khs.org

Click here to see testimonial videos.

Our sensor

The most advanced System-on-Chip for mmWave 4D imaging

- High resolution
- 140° field of view
- 16m² / 169ft² coverage area
- Works in all lighting conditions
- Operates effectively in steam
- Flexible frequency bands (60-64 GHz)
- Small and flexible form factor
- Concealed installation



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We look forward
to hearing from you.

TekTone®
sensing by vayyar™

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