Signs of Life Radar

Ambient non-invasive monitoring during rest-hours

In residential and long-term care settings, late detection of vital-sign deterioration can lead to emergency hospital transfers and avoidable complications. Staff shortages and wearable-compliance issues further heighten risk.

Why Signs of Life Radar

- **Proactive vital-sign monitoring**
  Continuously tracks heart rate, respiratory rate and movement to reveal early health deviations before they become critical.
- **Non-invasive ambient sensing**
  UWB radar captures micro-vibrations through bedding and clothing—no wearables, no patient effort, full comfort and dignity.
- **Seamless workflow integration**
  Easily connects to existing care management and clinical record systems for streamlined alerts and reporting.

How it works

01 **Detect:** UWB sensors track micro-vibrations—heartbeats, breaths and motion—through walls, bedding and clothing in real time.

02 **Analyse:** AI analytics apply the patented Probability of Baseline Change (POBC) algorithm to detect trends and predict health changes up to 7 days ahead.

03 **Respond:** Automated alerts and dashboards guide care teams to intervene swiftly, adjust treatment plans, and prevent adverse events.

Getting started with Ericom

1. Assess and plan your facility layout and resident risk profiles to design a tailored sensor deployment.
2. Install and configure radar units with encrypted data transmission and cloud/on-premise analytics.
3. Train and integrate care staff on alert management, dashboard use and clinical workflow alignment.

ERICOM
SYDNEY · MELBOURNE · BRISBANE · CANBERRA

1300 360 369 | 02 8394 5500 | 03 9927 6100 engage@ericom.com.au | www.ericom.com.au

Innovative features

Ultra-Wideband Radar Sensing: High-resolution vital-sign detection through walls and bedding for 24/7 coverage.

POBC Health-Change Score: Predicts potential deterioration up to seven days in advance for pre-emptive interventions.

Ambient Presence Detection: Distinguishes true occupancy and movement patterns to minimise false alarms.

Scalable Analytics Platform: Cloud-enabled, secure data storage with real-time dashboards and custom reporting.

Privacy-Preserving Design: No cameras or audio—resident confidentiality assured while continuous monitoring remains active.

DUTYCARE

Enhance resident well-being with continuous health insights, reducing emergency transfers and improving quality of life through early intervention, proactive risk alerts and streamlined staff workflows for faster, more confident care delivery.

VISIONACT

Support at-home care teams with real-time vital-sign data, optimising resource use and patient safety while minimising readmissions and in-home risks—backed by secure, encrypted reporting and seamless integration into existing clinical systems.

ABOUTUS

Ericom is a leading Australian technology partner specialising in healthcare IoT solutions. We deliver non-invasive monitoring with proven clinical accuracy, backed by local support, dedicated R&D and full end-to-end service for rapid deployment and ongoing optimisation.

NEXTSTEPS

Request a demo and pilot to experience Signs of Life Radar in your facility. Our experts will tailor deployment, run staff training, conduct ROI analysis and ensure seamless adoption—plus provide post-pilot review and ongoing optimisation.

Signs of Life Radar can be integrated across diverse applications, including:

- Residential care
- Aged care facilities
- Hospital-in-the-Home programs
- Remote patient monitoring services
- Post-operative recovery units
- Mental health observation wards
- Rehabilitation and physiotherapy centres
- Veteran healthcare programs
- Chronic disease management
- Telehealth platforms

Let us show you how.

ERICOM

Level 9, Suite 3, 28 Foveaux Street | Surry Hills NSW 2010 Suite 2 Level 3, 179 Queen Street | Melbourne VIC 3000