



Elderly Care Monitoring from OmniWOT

The Role of IoT in Elderly Care Monitoring

As our population ages, ensuring the safety and well-being of elderly individuals becomes increasingly important. OmniWOT's IoT-based Elderly Care Monitoring Solution empowers seniors to live independently while providing peace of mind to their families. By leveraging advanced sensors and real-time data analytics, our solution offers continuous monitoring and timely alerts, enhancing the quality of care for the elderly.

Practical Challenges in Elderly Care

Health Concerns: Chronic conditions and sudden medical emergencies require immediate attention.

Mobility Limitations: Increased risk of falls and difficulties in movement.

Cognitive Impairments: Memory-related issues can lead to missed medications, confusion, and wandering.

Isolation and Safety Risks: Seniors living alone may struggle to get help in emergencies.

Traditional monitoring solutions often require wearables or cameras, which can be intrusive and uncomfortable. A more seamless and privacy-focused approach is essential.

OmniWOT's Smart IoT Solution

Our wireless, sensor-based IoT solution provides real-time monitoring without disrupting daily life.

Privacy-First, Non-Intrusive Monitoring

- ✓ No Cameras – Ensures privacy while maintaining safety.
- ✓ No Microphones – Prevents any invasion of personal space.
- ✓ No Wearable Alarms – Passive monitoring eliminates discomfort.

Key Components Driving OmniWOT's Elderly Care Monitoring Solution

1. Motion & Occupancy Sensors
2. Bed & Chair Sensors
3. Environmental Sensors
4. Emergency Push Buttons
5. Smart Door Sensors
6. Water Leak Sensors
7. Air Quality
8. Fall Detection Sensors
9. Health Care Smart Watch



Effortless IoT Integration with OmniWOT's Open Cloud Platform

OmniWOT's Open Cloud Platform is designed for seamless connectivity, enabling **Wireless IoT sensors to effortlessly onboard via LPWAN/LoRaWAN Gateways**.

With a **hardware-agnostic architecture**, it supports a broad range of IoT devices, providing **scalability and flexibility** for diverse applications.

Unlock real-time monitoring, smart automation, and data-driven insights with minimal setup effort, making IoT integration more efficient and future-ready.



Simple, Clear & Timely Alerts

- Too Long in Room – Alerts caregivers if an individual remains in one place for an unusual time, helping detect potential falls or health issues.
- Day Started/Not Started – Ensures loved ones have begun their daily routine and detects unusual inactivity.
- Door Open Too Long – Prevents security risks by detecting if doors are left open.
- Temperature Out of Range – Ensures a safe and comfortable indoor environment.
- Water Leak Detection – Prevents flooding risks by detecting leaks.

Key Benefits of OmniWOT's Elderly Care Monitoring

- ✓ Real-Time Safety Alerts – Instant notifications to caregivers for quick intervention.
- ✓ Fall & Inactivity Detection – Identifies irregular movement or long inactivity periods.
- ✓ Health & Comfort Monitoring – Tracks indoor air quality, temperature, and more.
- ✓ Remote Caregiver Access – Cloud-based dashboards provide insights anytime, anywhere.
- ✓ Increased Independence for Seniors – Enables aging at home without intrusive monitoring.

Empower Elderly Care with OmniWOT's Smart IoT Solution

With advanced wireless sensors, intelligent automation, and real-time analytics, OmniWOT's Elderly Care Monitoring Solution ensures safety, comfort, and peace of mind for seniors and caregivers alike.

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