

Transforming Healthcare Facilities with IoT

In the evolving landscape of healthcare, integrating IoT technologies is essential for enhancing patient care, optimizing operations, and ensuring safety. OmniWOT's IoT-based solution offers comprehensive monitoring and automation, revolutionizing hospital and healthcare facility management.

Challenges in Hospital & Healthcare Management

Environmental Control: Maintaining optimal temperature, humidity, and air quality is crucial for patient comfort and preventing equipment malfunctions.

Patient Monitoring: Continuous tracking of patient vitals and movements is necessary to provide timely medical interventions.

Asset Management: Efficient tracking of medical equipment and supplies reduces losses and ensures availability.

Infection Control: Minimizing touchpoints and monitoring occupancy help prevent the spread of infections.

OmniWOT's Smart IoT Solution

Our wireless, cloud-based monitoring system enables healthcare administrators to remotely oversee and manage various aspects of hospital operations effectively.

Comprehensive Healthcare Facility Management

Environmental Monitoring: Utilizes sensors to track temperature, humidity, and air quality, ensuring a comfortable and safe environment for patients and staff.

Patient Room Automation: Allows patients to control lighting, blinds, and room temperature via smart devices, enhancing their comfort and reducing staff workload.

Patient Monitoring: Employs IoT-enabled beds to monitor vital signs and movements, alerting staff to any changes that could impact recovery.

Asset Tracking: Implements tracking systems for medical equipment and supplies, reducing losses and ensuring critical items are readily available.

Infection Control: Integrates sensor-driven automatic doors and occupancy monitoring to minimize touchpoints and prevent overcrowding, reducing infection risks.

Simple, Clear & Timely Alerts

Environmental Alerts: Notifies staff when temperature, humidity, or air quality deviates from set parameters.

Patient Condition Alerts: Sends immediate notifications if patient vitals or movements indicate potential health issues.

Asset Utilization Alerts: Alerts when equipment is moved unauthorizedly or requires maintenance.

Infection Control Alerts: Provides warnings when occupancy limits are exceeded or when doors are left open, compromising sterile environments.

Key Benefits of OmniWOT's Data Center Solution

1. Wireless Siren
2. Wireless Temperature and Humidity Sensor
3. Air Quality
4. Static & Dynamic Asset Tracking
5. Occupancy Monitoring
6. Vibration Sensors
7. Smoke & Gas Detectors
8. Light Control
9. Smart Curtain Open/Close
10. 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.

Key Benefits of OmniWOT's Smart Hospital & Healthcare Solution

Enhanced Patient Care: Real-time monitoring and automation contribute to personalized and responsive patient care.

Operational Efficiency: Streamlined processes and asset management reduce operational costs and improve service delivery.

Improved Safety: Continuous environmental and patient monitoring ensures a safe environment for both patients and staff.

Infection Prevention: Automated systems and monitoring help in reducing the spread of infections within the facility.

Transform Your Healthcare Facility with OmniWOT's IoT Solution

OmniWOT's advanced wireless sensors, real-time analytics, and automated alerts ensure efficiency, safety, and enhanced patient care in hospital and healthcare settings.

Notice to reader:

All product specifications on this catalogue are subject to change without notice.

All logos & trade marks represent the registered users only

Not all products in this catalogue are available in every region.

All rights reserved.



Innovate, Integrate & Empower

omniwot.com | +91 75502 28044 | info@omniwot.com

OmniWOT Technologies Private Limited, 103, Tower 5,
L&T Raintree Boulevard Bellary Road,
Byatarayanapura, Bengaluru, India-560092.

