

RTLS INTELLIGENCE WITH HIGH ACCURACY

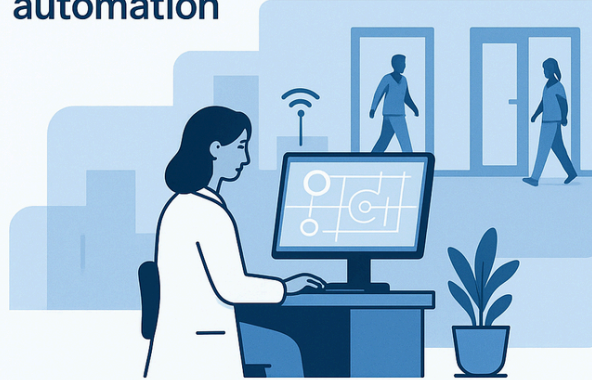
Our end-to-end RTLS solution transforms hospital operations with unmatched location intelligence and workflow automation.

Through real-time patient tracking, staff monitoring, and hand hygiene compliance, our system enhances safety, accountability, and operational efficiency.

Smart tags and gateways build a precise IoT infrastructure, while our analytics platform delivers high-accuracy positioning, automated alerts, and actionable insights.



Our end-to-end RTLS solution transforms hospital operations with unmatched location intelligence and workflow automation



Real-time
patient tracking



Staff
monitoring



Hand hygiene
compliance

RTLS INTELLIGENCE WITH HIGH ACCURACY

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REAL-TIME RTLS MONITORING

Delivers instant location data and automatic alerts, ensuring patient safety, staff efficiency, and full visibility across hospital operations

REAL TIME MONITORING

Real-time RTLS monitoring delivers instant location data and automatic alerts, ensuring patient safety, staff efficiency, and full visibility across hospital operations.

End to End Solution

At MICROZERR, we deliver a truly end-to-end RTLS solution for healthcare.

From advanced hardware tags and gateways to our intelligent software platform, every layer is built to provide precision, reliability, and full transparency.

Our system integrates real-time location tracking, workflow automation, and predictive analytics to enhance patient safety, staff efficiency, and hospital operations.

More than technology, we provide continuous support, seamless customization, and long-term partnership—empowering healthcare facilities to achieve true operational excellence.

With MICROZERR, you gain not just cutting-edge RTLS technology but a trusted partner in transforming hospital intelligence.



WHY MICROZERR

Because we deliver more than technology—we deliver precision and trust.

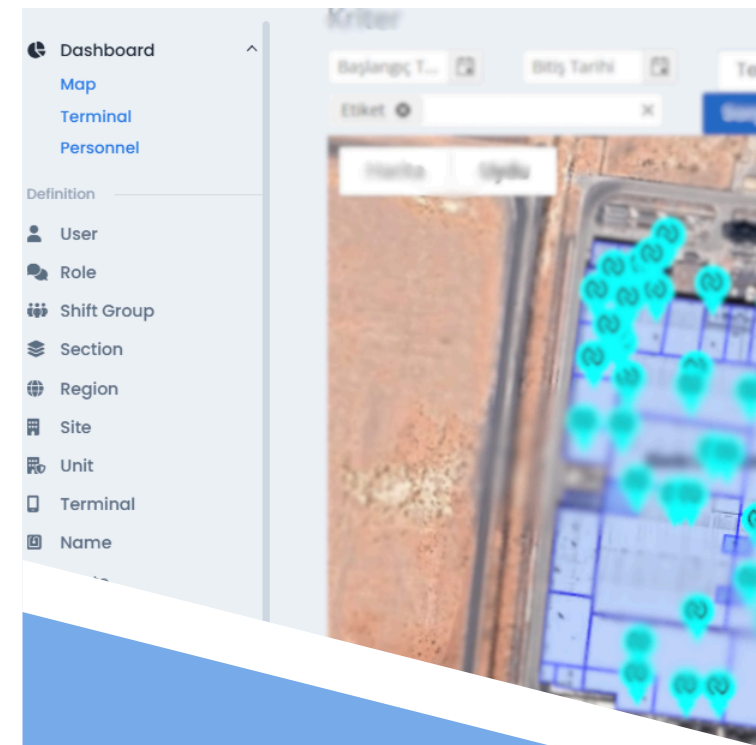
With Angle of Arrival (AoA)-based RTLS, we achieve sub-meter accuracy in tracking patients, staff, and hygiene events.

Our end-to-end system ensures safety, efficiency, and compliance across every corner of the hospital.

Built to scale, supported continuously, and designed for healthcare excellence.

What We Offer

- End-to-end RTLS ecosystem – hardware & software working seamlessly
- Sub-meter accuracy with advanced AoA technology
- Real-time tracking of patients, staff, and hygiene events
- Instant alerts for safety and workflow optimization
- Compliance & audit-ready reporting for hospital standards
- Scalable and future-proof infrastructure
- Dedicated support and partnership beyond deployment



SmartGateway

1. Sub-Meter Precision with AoA Technology
2. Real-Time Multi-Target Tracking
3. Scalable RTLS Infrastructure
4. High-Performance Connectivity
5. Edge-Level Intelligence
6. Hospital-Grade Design
7. Secure & Compliant
8. Simple Deployment & Calibration

Accuracy	< 1 m (typical indoor)
Localization Method	BLE 5.3 AoA (Angle of Arrival)
Connectivity	Ethernet / Wi-Fi / PoE
Enclosure	IP54 / Fanless / ABS



ADVANTAGES

In hospital operations, even seconds can make the difference between safety and risk. Loss of visibility—whether due to signal interference, power failures, or manual tracking gaps—can lead to workflow disruptions, delayed response times, and compromised patient care. MICROZERR AoA RTLS is engineered to eliminate these risks. With real-time location visibility, sub-meter precision, and resilient network architecture, our system ensures that every patient, staff member, and asset is always within reach. Integrated hand hygiene tracking and automated event alerts strengthen safety, compliance, and infection control. By choosing MICROZERR, you gain more than location data—you gain continuous trust, operational clarity, and total control of your healthcare environment.

ADVANTAGES



IDTag-AoA



- BLE 5.3 communication protocol
- 32-bit ARM processor architecture
- Ergonomic Design
- Up to 5 years battery life
- Motion sensor support
- Built-in tamper proof alert
- <1m typical indoor accuracy
- Built in NFC
- QR Coded
- Easy to install

IWTAG-AoA

- BLE 5.3 communication protocol
- Up to 2 years battery life
- Motion sensor support
- Fall Detection
- Built-in tamper proof alert
- <1m typical indoor accuracy
- Factory-calibrated
- IP68 protection class
- 32-bit ARM processor architecture
- Ergonomic Design



MICROZERR ADVANTAGES

The greatest risk in cold chain management is undetected temperature fluctuations that can compromise product safety. Termon CoolTag ensures reliable monitoring between -40°C and $+85^{\circ}\text{C}$, while Termon FroTag extends protection to extreme ranges from -100°C to $+150^{\circ}\text{C}$. With long battery life, BLE 5.3 connectivity, IP67 protection, ISO 80601-2-56 compliance, and large data logging capacity, both sensors provide a powerful safeguard for cold chain security.

ADVANTAGES



IPTAG-AoA



- BLE 5.3 communication protocol
- Up to 4 years battery life
- Motion sensor support
- Built-in emergency buttons
- <1m typical indoor accuracy
- Factory-calibrated
- IP64 protection class
- 32-bit ARM processor architecture
- Ergonomic Design
- Usage with access RFID Cards

End to End Solution

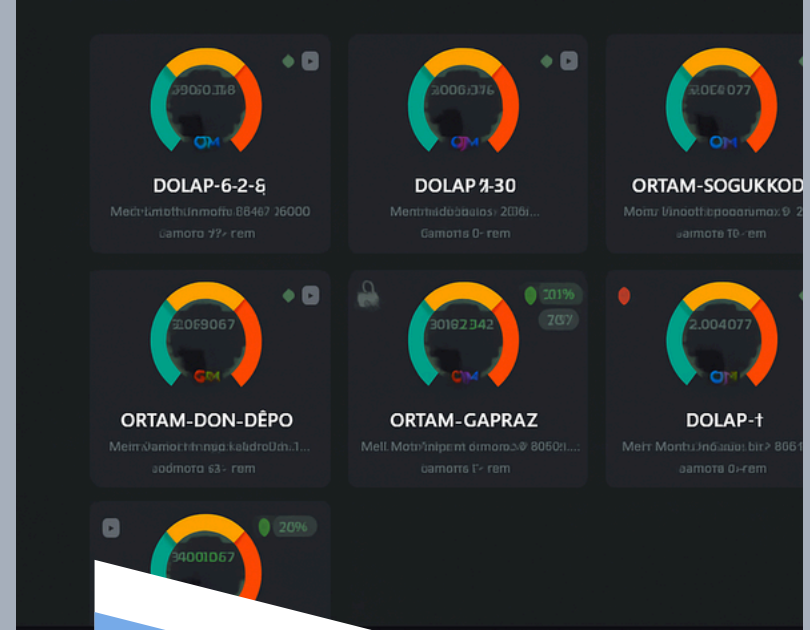
At TERMON, we deliver a truly end-to-end cold chain solution. From cutting-edge hardware devices to our AI-powered software platform, every layer is designed to guarantee reliability, transparency, and compliance. Our system combines smart sensors, resilient IoT infrastructure, and predictive analytics to ensure vaccine safety from production to administration. More than just technology, we stand by our customers throughout the journey—offering continuous support, customization, and partnership that extends beyond deployment. With TERMON, you gain not only advanced tools but also a trusted ally in safeguarding your cold chain.



WHY TERMON

Because we don't just deliver devices—we deliver trust. With our AI-powered platform, robust hardware, and continuous support, we ensure your cold chain is always under control. We combine innovation with reliability so you can focus on what matters most: safety and efficiency. What We Offer

- End-to-end solution: hardware, software & AI in one ecosystem
- Real-time monitoring and predictive insights
- Automatic alerts and compliance-ready reports
- Scalable, future-proof infrastructure
- Dedicated customer support and partnership beyond deployment



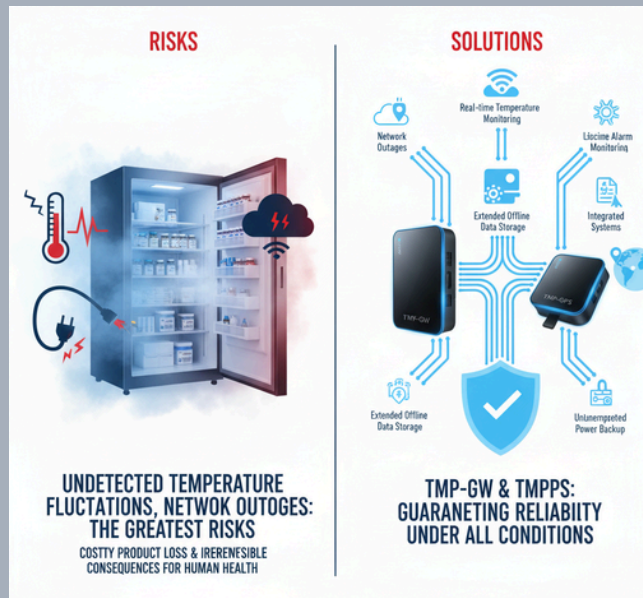
Termon CoolHub

- Wi-Fi communication support
- Optional Ethernet / 4G connectivity
- Support for up to 8 BLE wireless sensors
- Built-in temperature and humidity sensor
- Compatible with 110–220V AC power supply
- 2500 mAh internal battery providing 48 hours of uninterrupted operation
- 2" (280×296) information display
- Integrated audible and visual alarm system
- 48-hour offline data storage during network outages
- Power failure detection and alarm notification



ADVANTAGES

One of the greatest risks in cold chain management is the spoilage of vaccines and sensitive products caused by sudden temperature fluctuations, network outages, or power failures. Such incidents not only result in costly product loss but can also lead to irreversible consequences for human health. CoolHub and FrostHub are designed to eliminate these risks: with real-time temperature and location monitoring, extended offline data storage, integrated alarm systems, and uninterrupted power backup, they guarantee reliability under all conditions. By choosing us, you gain not only advanced technology but also a trusted partner dedicated to safeguarding your cold chain operations.



YOUR TRUSTED PARTNER FOR COLD CHAIN SECURITY

Termon FrostHub



- 4G communication support
- GPS-based location tracking
- BLE wireless sensor integration
- Motion sensor support
- Built-in temperature and humidity sensor
- Wide 12V – 48V power supply compatibility
- 2500 mAh internal battery providing 48 hours of uninterrupted operation
- 240 hours of offline data storage during network outages
- Power failure detection and alarm notification
- Integrated audible and visual alert system

Termon CoolTag

- BLE 5.3 communication protocol
- Up to 5 years battery life
- Wide measurement range: $-40\text{ }^{\circ}\text{C}$ to $+85\text{ }^{\circ}\text{C}$
- $\pm 0.1\text{ }^{\circ}\text{C}$ measurement accuracy
- $0.008\text{ }^{\circ}\text{C}$ high measurement resolution
- Sensor optimized for medical applications, compliant with ISO 80601-2-56 standard
- Factory-calibrated
- IP67 protection class
- 32-bit ARM processor architecture
- Optional 23 dBm high-power mode
- Internal storage capacity up to 100,000 logs



ADVANTAGES

The greatest risk in cold chain management is undetected temperature fluctuations that can compromise product safety. Termon CoolTag ensures reliable monitoring between $-40\text{ }^{\circ}\text{C}$ and $+85\text{ }^{\circ}\text{C}$, while Termon FrosTag extends protection to extreme ranges from $-100\text{ }^{\circ}\text{C}$ to $+150\text{ }^{\circ}\text{C}$. With long battery life, BLE 5.3 connectivity, IP67 protection, ISO 80601-2-56 compliance, and large data logging capacity, both sensors provide a powerful safeguard for cold chain security.



Termon FrosTag



- BLE 5.3 communication protocol
- Up to 5 years battery life
- Wide measurement range: $-100\text{ }^{\circ}\text{C}$ to $+150\text{ }^{\circ}\text{C}$
- $\pm 0.1\text{ }^{\circ}\text{C}$ measurement accuracy
- $0.01\text{ }^{\circ}\text{C}$ high measurement resolution
- Sensor optimized for medical applications, compliant with ISO 80601-2-56 standard
- Factory-calibrated
- IP67 protection class
- 32-bit ARM processor architecture
- Optional 23 dBm high-power mode
- Internal storage capacity up to 100,000 logs



At SecMON, we deliver a complete security workforce intelligence solution.

From mobile applications and smart field technologies to our centralized management platform, every component is designed to provide real-time visibility, control, and accountability across security operations.

By combining GPS tracking, NFC and BLE verification, and intelligent analytics, SecMON enables seamless patrol management, accurate reporting, and proactive incident response. Our system transforms routine monitoring into a data-driven operation, helping organizations improve efficiency, reduce risks, and maintain full operational transparency.

More than just a tracking tool, SecMON empowers security teams with the insights and control they need to operate smarter and respond faster. With SecMON, you don't just monitor security—you manage it intelligently.



ADVANTAGES

The greatest risk in security operations is the lack of real-time visibility and accountability in the field, which can lead to missed checkpoints and delayed incident response. SecMON ensures reliable tracking and verification through GPS, NFC, BLE, and QR technologies, enabling precise control over patrol activities. With real-time monitoring, SOS alerts, intelligent reporting, and seamless mobile integration, the platform provides a powerful safeguard for operational security. Its scalable architecture, offline capability, and centralized dashboard empower organizations to maintain discipline, transparency, and rapid response across all security workflows.



- Live GPS-based location monitoring
- Full visibility of personnel on a centralized map dashboard
- Checkpoint validation via NFC, BLE, QR, and GPS
- Prevents missed or fake check-ins with multi-factor control
- Structured and dynamic patrol planning
- Randomized checkpoints to enforce discipline
- Automatic detection of missed or delayed patrols
- One-tap SOS emergency alerts
- Fall detection and incident reporting
- Real-time notifications for critical events
- Data-driven insights for operational improvement
- Easy adaptation to multiple sites and facilities
- Role-based access management