

Ensuring Infant Security in a National Hospital with 6 million+ sq feet area and 2,000+ Beds



Izmir City Hospital

Client

Key Challenge

Izmir City Hospital, a national healthcare facility in Europe, faced the complex challenge of managing and securing a large-scale healthcare environment. The hospital's newborn unit with 50 rooms required a solution that could prevent infant abduction and mismatches while streamlining daily operations. With a large volume of patients and staff moving across various sections of the facility, monitoring infants' locations and ensuring that they remained in designated safe zones became crucial.

Solution

Litum implemented an end-to-end RTLS solution designed specifically for infant security. The system uses Ultra-Wideband (UWB) technology to track infant locations in real time. Key features include:



Precise Location Tracking

Infant tags ensured accurate monitoring of infants within designated safe zones.



Immediate Alerts

If an infant was moved outside authorized areas, such as near exits or elevators, alarms were triggered.



Tamper Detection

The system immediately alerted staff if any tag on an infant was tampered with or removed.



Inactivity Alerts

The RTLS system flagged prolonged periods of inactivity, enabling swift intervention if necessary.



Access Control Integration

Doors to sensitive areas were automatically locked to prevent unauthorized entry or exit with infants.

Results

Zero Incidents

of infant abduction or mismatches

Since the deployment of Litum's infant security RTLS in the newborn unit, Izmir City Hospital has operated with zero incidents of infant abduction or mismatches. The system's proactive monitoring capabilities and swift alert responses have contributed significantly to the hospital's smooth operations, ensuring the safety of all infants. By safeguarding infants and optimizing response times to potential threats, Litum's RTLS solution has established Izmir City Hospital as a model for healthcare safety and operational efficiency.

Litum's Unique Value Proposition

Continued Innovation Spanning Two Decades

Our RTLS solutions are shaped by 20 years of experience in over 50 countries, reflecting global best practices and diverse on-site experiences.

A Decade of Specialized Healthcare Expertise

Over the past 10 years, Litum has delivered location-based solutions for healthcare settings, leading to a deep understanding of the unique challenges and needs of the industry.

Precise Location Accuracy, Down to Centimeters

Using ultra-wideband (UWB) technology, we offer precise tracking of infants, crucial in ensuring infants receive timely attention in emergencies.

Hybrid Technology

Beyond UWB, Litum's Little Tag also includes BLE technology for a hybrid solution supporting various use cases and accuracy needs. BLE helps save battery when sub-meter accuracy isn't needed.

LenelS2 OnGuard Certification

Litum's Infant Security Solution is fully compatible with LenelS2 OnGuard, offering seamless integration for enhanced security operations in healthcare environments. Our RTLS technology complements OnGuard's comprehensive security management capabilities, ensuring that healthcare facilities benefit from a unified approach to safety and incident management.

Seamless Integration

Our healthcare solutions are crafted for effortless integration, enabling healthcare facilities to enhance their workflows and adapt to the ever-evolving demands of healthcare delivery.

Focus on Improving Care and Well-Being

Our focus extends beyond operational efficiency to improving patient and staff safety and well-being.

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