

CLIENT
CASE
STUDY



İZMİR PROVINCIAL HEALTH DIRECTORATE
İZMİR CITY HOSPITAL



Litum

**RTLS for Safety in a National
Hospital with 6 million+ square
feet area and 2,000+ Beds**






Key Challenge







Izmir City Hospital, a health facility in Turkey, faced the complex challenge of managing and securing a large-scale healthcare environment. With a vast campus comprising various specialized units and 2,000+ beds, the need for an advanced system to ensure infant security, wander management, staff safety, and efficient asset tracking was critical.

Solution

Litum addressed these challenges by deploying an end-to-end solution. A total of 1,500 anchors and gateways were strategically placed across the hospital to facilitate comprehensive coverage. Ultra-wideband (UWB) technology was employed for precise real-time tracking and alert systems, focusing on infant security, wander management, and staff duress scenarios. Concurrently, a combination of active and passive RFID technology was strategically utilized for efficient asset tracking, managing the extensive inventory of approximately 43,000 assets.

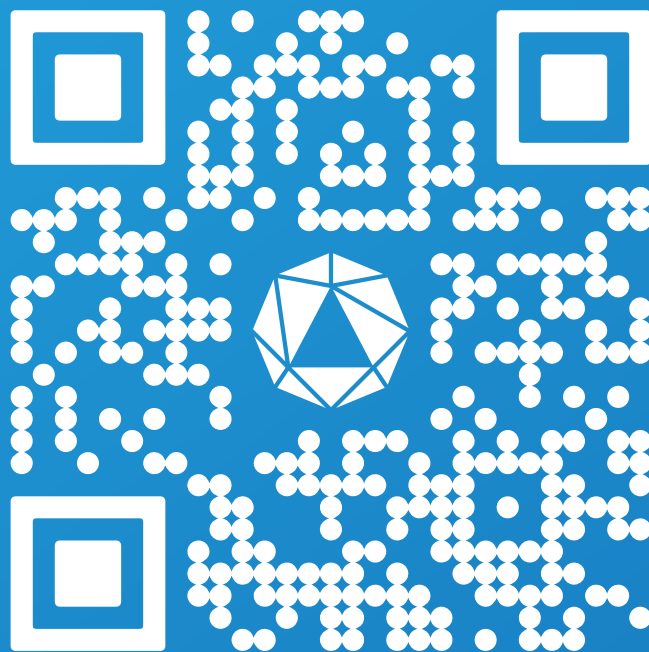
Features

-  Real-Time Location Tracking
-  Staff Duress Alerts
-  Fall Detection and Immobility Alerts

-  Out of Sight Alerts for Wander Management
-  Gateway and Anchor Drop Alerts
-  Low Battery and Tamper Alerts for Tags
-  Zone Entry and Exit Alerts
-  Zone Presence Alerts
-  Elevator and Exit Door Control

The Results

Litum's deployment enhanced both operational efficiency and security at Izmir City Hospital. The system's real-time tracking capabilities have greatly improved asset management and utilization. Notably, the implementation of staff duress alerts contributed to creating a safer working environment, ensuring rapid response in emergency situations. Patient safety has also seen substantial improvements thanks to the integration of fall detection and wander management features, enabling swift intervention and care when necessary.



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