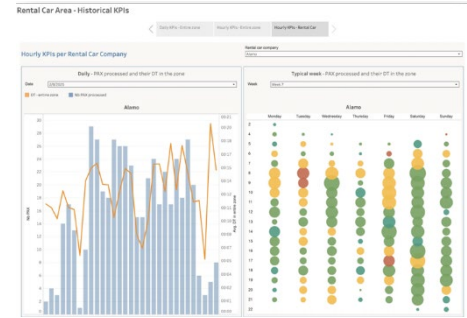


Q-Track™ Transforming Cultural Venues with 3D Spatial Intelligence

See Every Movement. Understand Every Moment.

In today's cultural and experiential venues, the visitor journey goes far beyond simple attendance. It's about ensuring safety, optimizing flow, and delivering seamless, data-driven experiences that elevate every moment. Quanergy's Q-Track LiDAR transforms any venue into a smart, responsive environment by delivering real-time 3D insights with unmatched accuracy. From protecting valuable assets to understanding crowd behavior, Q-Track unlocks a new layer of visibility, without compromising aesthetics, ambiance, or privacy.



Applications

Advanced Security and Surveillance

Virtual Perimeter Protection: Establish invisible, customizable 3D boundaries around high-value exhibits, restricted zones, or entire galleries. Real-time alerts are triggered the moment those boundaries are breached.

After-Hours Monitoring: Maintain full situational awareness in complete darkness or low-light conditions, with fewer false alarms than traditional motion sensors or video analytics.

Interactive Experiences and Inclusive Design

Touchless Engagement: Power gesture-based interactions for immersive installations, enabling intuitive, contact-free visitor participation.

Dynamic Scene Awareness: Enable interactive art experiences to react to audience presence, movement, or proximity, creating responsive environments that evolve in real time based on how visitors engage with the space.

People Flow and Occupancy Intelligence

Anonymous Visitor Tracking: Monitor how guests move through your space, accurately and in real time, without collecting personal data.

Space Utilization Optimization: Use real-world movement data to improve exhibit layouts, signage, and crowd flow to reduce congestion and enhance the visitor experience.

Asset Protection and Environmental Awareness

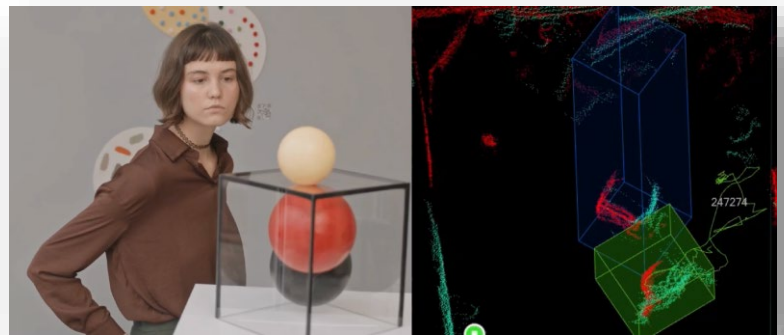
Proximity-Based Alerts: Automatically notify staff if a visitor approaches sensitive artifacts too closely, without physical barriers.

Integrated Climate Intelligence: Pair LiDAR with HVAC and environmental sensors to maintain optimal conditions for delicate exhibits.

Emergency Preparedness and Real-Time Response

Live Occupancy Visualization: Provide security and first responders with instant visibility into where people are located across your venue.

Evacuation Planning and Simulation: Analyze historical foot traffic patterns to refine emergency routes and improve response protocols.



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