

Quanergy and Luxriot Partner to Offer 3D Situational Awareness with LiDAR Beyond Traditional Security Solutions

Quanergy's 3D LiDAR solutions are now integrated with the Luxriot Evo S and Evo Global, Video and Data Management Software (VDMS), providing mutual customers with unparalleled situational awareness and insights that go beyond traditional security solutions. With over 95% accuracy, the solution can track and identify hundreds of individuals in crowded areas, a feat previously unattainable in the industry. The integration extends coverage, tracks objects continuously in large crowded spaces, reduces false alarm rates, and reduces operational costs for physical security deployments.

The integration with the Luxriot Evo VDMS system enables a wider audience to benefit from 3D LiDAR sensing. Luxriot end-users will now have direct access to Q-Track, a powerful integrated solution that combines purpose-built LiDAR sensors with advanced 3D perception software within the Luxriot "Single Pane of Glass" system. This unified solution enables high accuracy and efficiency for the classification of vehicles and people when integrated with the Evo platform. Quanergy's LiDAR sensors are accurate and reliable in all weather and lighting conditions, making them ideal for indoor and outdoor security applications. When paired with PTZ cameras, surveillance operators can take advantage of advanced "slew to cue" functionality, with centimeter accuracy.

Benefits of Quanergy's Security Solutions

Quanergy's solution focuses on reducing costly false alarms while reducing alarm fatigue. It provides actionable insights with hyper-accuracy, allowing operators to prioritize and focus on real threats. The solution enhances existing camera-based perimeter intrusion detection systems, accurately locating potential intruders, and addressing all major mission-critical security and operational use cases.

By deploying Quanergy's solutions, customers can significantly reduce the number of false alarms and allocate resources more efficiently, leading to substantial annual savings. Furthermore, Quanergy's solutions prioritize ease of use and deployment for the security industry, making it easy for customers to scale and future-proof their deployments.

KEY USE CASES

- Asset Protection in areas of high security
- PIDS (Perimeter Intrusion Detection)
- Fence, Wall, Rooftop Protection
- Continuous Tracking of Individuals in Large and/or Crowded Areas
- Mantrap Tailgating Prevention
- Server Rack Protection

KEY MARKETS

Critical Infrastructure:

- Data Centers, Utilities, Energy, Power Plants, Prisons, Logistics, Airports, Military Bases, Bridges, Tunnels, Highways, Dams

Enterprises:

- Pharma, Manufacturing, Delivery Services, Distribution Centers, Museums, Large Residential Private Properties



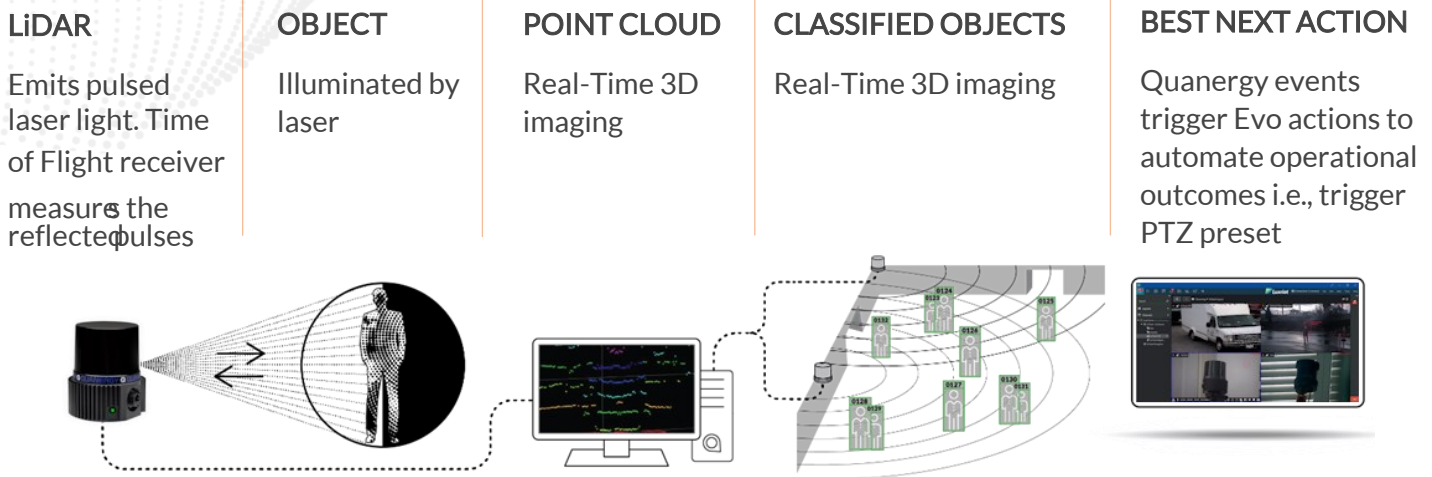
Detect. Track. Classify.

Technical Overview

Quanergy's events trigger Evo actions/alerts within the Luxriot VDMS interface to automate actions such as Audible and Visual alerts, PTZ presents and video verification for example.

The Quanergy Qortex integration for Luxriot Evo offers the following features:

- Retrieve events, zones, objects from Qortex and send them to Evo to enable an event to action workflow
- Supports connection for up to 8 Q-Track servers



Requirements:

- Q-Track Sensors: Q-Track-LR, Q-Track Dome, Q-Track HD
- Q-Track Server (v2.4)
- Luxriot Evo 1.28.1

Quanergy's core competencies

- Only provider of seamlessly integrated 3D LiDAR sensors and software solutions
- Products for all use cases, including detecting small objects or continuously tracking objects throughout a large perimeter
- Over 95% reduction in false alarms and 95% object (people or vehicle) detection, tracking, and classification accuracy
- 360° 3D coverage and up to 15,000 square meters of coverage per single sensor
- No privacy concerns or recording of Personal Identifiable Information (PII)
- Ability to create a mesh network of sensors/servers and continuously track an object as they move across the entire site, virtually for an unlimited range
- Industry leading total cost of ownership (TCO) advantage

About Quanergy

Quanergy's mission is to enhance people's experiences and safety by enabling a new generation of automation processes in the physical security, industrial automation, and smart spaces markets. Quanergy's industry-leading price/performance smart LiDAR solutions are deployed by nearly 400 customers and over 50 partners across the globe.

Luxriot - 96-00151