



Comprehensive physical security solutions for public transportation

The number of passengers relying on public transportation is increasing, particularly in densely populated regions around the world. That growth can be attributed to many factors, but a big one is sustainability. Cities are striving to become more environmentally conscious – aiming to reduce traffic congestion and emissions. Hand in hand with sustainability goals is customer satisfaction: passengers expect public transportation systems to be safe, reliable and get them where they need to go on time. Keeping customers happy with public transportation goes a long way to achieving sustainable and smart cities.


Whatever the reasons, the uptick in passengers presents significant challenges for transportation providers. Operators must strive to ensure security and safety, not only for passengers, but also for critical infrastructure. Operations are also becoming more complex, with the constant threat that even minor incidents could escalate into major disruptions, potentially halting services.

Hexagon transportation solutions take a holistic approach by combining incident management technology with advanced video management solutions

Hexagon solutions address a variety of challenges faced by public transportation providers with a comprehensive approach, integrating incident management technology with advanced video management systems. This enables the efficient management of safety and security issues, as well as operations and emergencies, from the control room. Passengers and employees are safeguarded, service continuity is maintained and rolling stock and depots are protected from vandalism and theft.

With an integrated physical security ecosystem, public transportation operators can:

- **Reduce or prevent vandalism:** Video surveillance can deter crime because when individuals know they are being monitored, they are less likely to engage in destructive behavior due to the increased risk of being identified and prosecuted
- **Safeguard passengers and staff:** Real-time monitoring and evidence collection captures details of criminal activities such as theft, harassment or assaults, and footage can be used to quickly identify and respond to threats, ensuring timely intervention by security personnel or law enforcement

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- **Alleviate congestion:** By providing a live feed of crowd density and movement patterns, surveillance systems allow station managers and security personnel to quickly identify potential bottlenecks or overcrowded areas, enabling them to take proactive measures, such as directing passenger traffic, deploying additional staff or adjusting schedules
 - **Manage incidents:** Powerful incident management systems minimize the impact of incidents by enabling swift detection and response, and real-time monitoring allows authorities to quickly assess situations, take immediate action and mitigate their effects
 - **Increase passenger satisfaction:** All of the above lead to a safer, more streamlined public transportation experience with fewer service interruptions, enhanced safety and increased overall system resilience, contributing to the biggest benefit of all: customer satisfaction

Hexagon's physical security solutions for public transportation operators

- **Qognify VMS:** Powerful, advanced video management software solution helps control center staff assess situations quickly and comprehensively
- **Situator:** Leading PSIM and incident management solution collects, integrates and correlates data from different sensors and third-party applications, generating a consolidated "single pane of glass" view of an incident to guide operators through decision-making workflows
- **Accur8vision:** LiDAR-based – and always GDPR compliant – 3D surveillance system for area and perimeter security detects intruders, records their movements and visualizes them for security staff in real time – a perfect fit for securing rail tracks, especially along station platforms
- **HxGN OnCall Dispatch:** Robust next-generation solution suite includes tools to improve response coordination, increase efficiency, deploy and manage resources, enhance operations and respond with speed and efficiency
- **HxGN Connect:** Cloud-native, real-time incident center as a service solution brings transportation agencies, data and other necessary entities together in a collaborative platform with a unified view for shared awareness, coordination and action

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Hexagon is the global leader in digital reality solutions, combining sensor, software and autonomous technologies. We are putting data to work to boost efficiency, productivity, quality and safety across industrial, manufacturing, infrastructure, public sector, and mobility applications. Our technologies are shaping production and people-related ecosystems to become increasingly connected and autonomous – ensuring a scalable, sustainable future.

Hexagon's Safety, Infrastructure & Geospatial division improves the resilience and sustainability of the world's critical services and infrastructure. Our solutions turn complex data about people, places and assets into meaningful information and capabilities for better, faster decision-making in public safety, utilities, defense, transportation, government and physical security. Learn more at hexagon.com and follow us [@HexagonAB](https://twitter.com/HexagonAB).

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