



AVIDBEAM TECHNOLOGIES

Railways Sector Solutions

Railway stations require constant monitoring and management to ensure the safety & security of passengers, employees, and infrastructure. AvidBeam software modules automatically analyzes Video Surveillance live streams to extract wealthy useful business intelligence information as well as responding quickly to potential threats and prevent accidents from occurring.

Railway Stations

Video analytics technology is a powerful tool for railway stations as it enhances security, improve operations, ensures the safety & ease of passenger experience, and provides valuable real-time data for decision-making.



Ease of
Integration



Cost
Saving



Customer
Centric



Scalability &
Flexibility



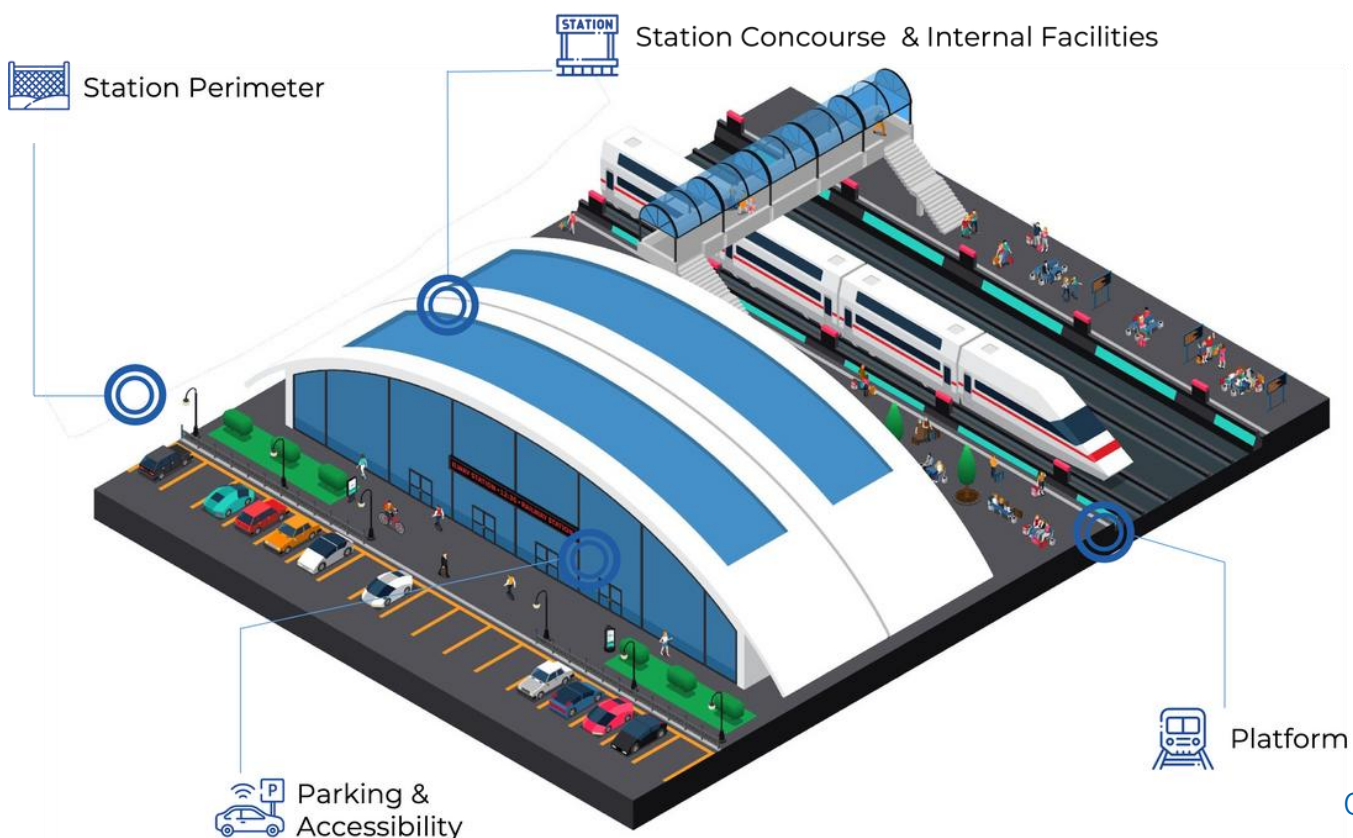
Efficiency
Optimization



GenAI-enabled Turn videos into language

Sector Challenges

- ✓ Security & Safety
- ✓ Crowd Management
- ✓ Prevent Criminal Activity
- ✓ Monitor Visitor Flow
- ✓ Access Management
- ✓ Regulation Compliance



AvidBeam Solutions Can Help You Transform Your Business Operations, Safety and Security Challenges

PARKING & ACCESSIBILITY

- Illegal Parking
- Speed Monitoring
- Wrong Direction
- Left Object Detection
- Loitering Detection
- Intrusion Detection
- LPR on Gates

STATION CONCOURSE

- Crowd Detection
- Social/Safety Detection
- Visitor Count
- Gender/Age Detection
- Visitors Database
- Left Object Detection
- Fire & Smoke Detection
- Face Recognition

STATION PERIMETER

- Fence Crossing Detection
- Left Object Detection
- Loitering Detection
- Intrusion Detection
- Illegal Parking

STATION PLATFORM

- Social/Safety Distancing
- Left Object Detection
- Loitering Detection
- Face Recognition
- Heat Maps
- Rail Crossing Detection
- Crowd Detection

AvidBeam's Comprehensive Dashboard



Comprehensive View

Customizable Layout

Custom Queries

Custom Reports

Fast Advanced Search

Custom Widgets

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AvidBeam® Technologies, founded by former Intel professionals and headquartered in the Netherlands, delivers AI-powered video analytics built on deep learning, computer vision, GenAI and big data architectures. Its scalable, fault-tolerant platform emphasizes integration flexibility and hardware optimization. Certified by NVIDIA and Intel, AvidBeam integrates with leading VMS and IoT systems, and globally trusted by critical infrastructure, smart cities, governments, and enterprises including Fortune 500 companies.



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