



SAFE DEPARTURE



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Safe Departure Assistance is an AI-driven solution designed to ensure a safe and reliable departure process by detecting potentially hazardous situations, such as passengers trapped in closing doors or leaning against the vehicle.

By adding AI-based monitoring to existing cameras or sensors, the system actively monitors boarding and exit areas, ensuring safe departure at all times.

This proactive solution minimizes the risk of injuries, supports drivers with real-time alerts, and helps reduce delays at stops. When an unsafe situation is detected, the system identifies its location and can trigger automatic responses, such as preventing door closure, alerting passengers, or notifying the driver.

Safe Departure Assistance seamlessly integrates with existing door and monitoring systems, contributing to a safer, more reliable, and passenger-friendly public transport network.

KEY FEATURES

- AI-Powered Obstruction Detection** – Monitors tram doors and boarding areas in real time.
- Accident Prevention** – Identifies potential hazards, such as trapped passengers, and delays departure if needed.
- Operator Alerts** – Provides immediate visual and audio warnings to tram drivers.
- Seamless System Integration** – Works with existing tram door mechanisms and safety systems.
- Real-Time Monitoring** – Ensures continuous surveillance to enhance passenger safety.
- Reduced Liability Risks** – Helps prevent injuries, reducing potential legal and operational costs.

FUNCTIONS & TECHNICAL SPECIFICATIONS

Feature	Description
AI-Based Detection	Identifies obstructions in boarding and exit areas
Automatic Response	Prevents door closure and delays departure if necessary
Driver Alert System	Provides real-time notifications for immediate action
System Compatibility	Integrates with existing tram monitoring solutions
Continuous Monitoring	Ensures ongoing safety compliance
Injury Prevention	Minimizes risks for passengers and improves overall safety

