

Consat Telematics Driver Assistance



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Public transportation drivers face a variety of challenges that make their roles demanding and stressful, ultimately impacting the reliability and efficiency of public transportation services. Maintaining punctuality is one of the greatest hurdles, as drivers must navigate traffic congestion, delays, and unpredictable conditions to adhere to tight schedules. At the same time, drivers are expected to manage complex urban environments, intersections, and detours while staying on schedule, which adds to the mental strain of their work.

Another key aspect of the role is ensuring a positive passenger experience. This involves sharing real-time updates with passengers and assisting those with special needs, all while maintaining a focus on the road. Overcrowding during peak hours presents additional challenges, requiring drivers to manage full-capacity vehicles effectively to avoid disruptions and ensure passenger comfort. Beyond these operational demands, compliance with mandatory checks, certifications, and training for vehicle systems further increases the administrative burden on drivers, leaving less time for their core responsibilities.

Consat Telematics' Driver Assistance is designed to alleviate these challenges, providing drivers with the tools and support they need to perform their roles with greater ease and confidence. By addressing key pain points such as navigation, passenger communication, and compliance, the solution simplifies operations, reduces stress, and promotes safer, more efficient driving.



Key functions

- **Journey status:** Provides real-time updates on routes, potential delays, and connection management. Helps the drivers request delays and improve coordination to ensure smooth passenger transfers.
- **Communication:** Includes predefined text messaging, voice communication, and automated driver announcements, as well as push-to-communicate, a one-touch function enabling instant, structured voice connection between drivers and traffic controllers. Together, these tools enable real-time sharing of critical information between drivers and traffic controllers, improving operations and passenger communication.
- **Driver safety:** Features such as emergency alarms, alcohol breath tests, and CCTV integration enhance safety by allowing quick responses during emergencies and ensuring secure driving conditions.
- **Driver alarms** are handled without interference by automatically blocking incoming calls and messages while an alarm is active. This prevents unintended communication disruptions, maintains focus on the alarm situation, and supports controlled and reliable handling of critical events within the traffic control process.
- **Multi-vehicle management:** Simplifies vehicle replacements, provides reinforcement during peak demand, and supports interchanges. These features reduce operational stress for drivers and help maintain service reliability.
- **Driver coaching:** Encourages sustainable driving habits through real-time feedback, training tools, and performance reviews. This reduces fuel consumption, emissions, and vehicle wear while supporting eco-friendly public transportation.

Driver Display alternatives

Consat Telematics offers two purpose-built driver displays, each designed to meet the unique needs of public transportation operations. These displays enhance operational efficiency, safety, and ease of use for drivers.

Consat Driver Terminal (CDT)

Key features:

- Seamlessly controls onboard equipment.
- Integrates with back-office systems.
- Offers CAN/FMS connections, Ethernet, and digital inputs for comprehensive data collection.

Benefits:

- Simplified installation with power-over-ethernet connectivity, enabling data-driven fleet and transport management.

Consat Driver Display (CDD)

Key features:

- Touchscreen interface with high resolution for clear navigation and operation.
- Minimalistic, durable design for a hygienic and professional workspace.

Benefits:

- Reduced driver distraction with intuitive controls, promoting operational reliability with user-friendly interfaces.



Consat Driver Terminal (CDT)



Consat Driver Display (CDD)



The benefits for public transport operators and authorities

- **Real-time data boosts efficiency:** Provides drivers with up-to-date traffic and route information, improving schedule adherence and service reliability.
- **Enhanced safety:** Promotes safer driving habits and enables quick incident reporting, ensuring a secure environment for drivers and passengers.
- **Reduced administrative burden:** Automated compliance features minimise paperwork, allowing drivers to focus on driving rather than administrative tasks.
- **Instant updates and support:** Real-time communication tools keep drivers informed and enable quick decision-making during operational changes or emergencies.
- **Eco-friendly driving:** Encourages efficient driving techniques that reduce fuel consumption and emissions, supporting sustainability goals.
- **Driver retention:** An intuitive, easy-to-use display reduces driver distraction and fatigue, allowing them to focus on safe, smooth driving. Support drivers with tools that reduce stress, and promote a healthier, more manageable work environment, leading to improved staff retention.



Traffic Control and Monitoring

Manage daily operations with real-time information and data insights.

Vehicle and Fleet Management

Vehicle telematics integrated into public transportation for complete control.

Passenger Information

Enhance the travel experience for all public transportation users.

Driver Assistance

Enhance hiring appeal while supporting the driver in their daily work.

Electromobility

Seamless integration with existing public transportation operations, providing a unified view of the entire fleet.

Data Insights

Offering valuable insights for continuous improvement in public transportation operations.

Bringing intelligent public transportation to life

Consat Telematics is dedicated to reducing the environmental impact of public transportation through cutting-edge innovation and widespread implementation. Aspiring to global leadership in executing electrification and digitalization within public transportation, we serve diverse markets and organizations.

Our promise is a user centric, modular, and adaptable intelligent public transportation solution that never compromises on quality, reliability, and security. By placing our customers at the core, we ensure that more organisations can receive better data to monitor, manage, and improve their operations.

Contact for more information or a demo:

www.consat.com/telematics/



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