

Intelligent Transportation Systems



Trapeze ITS solutions lead the future of transit, creating a continuous, end-to-end connection linking vehicles, customers, staff and operations.

Trapeze ITS systems help to ensure rapid return on investment by improving service, reducing costs and increasing ridership for many kinds of transit organizations. Through integrated communications and third party integration, Trapeze

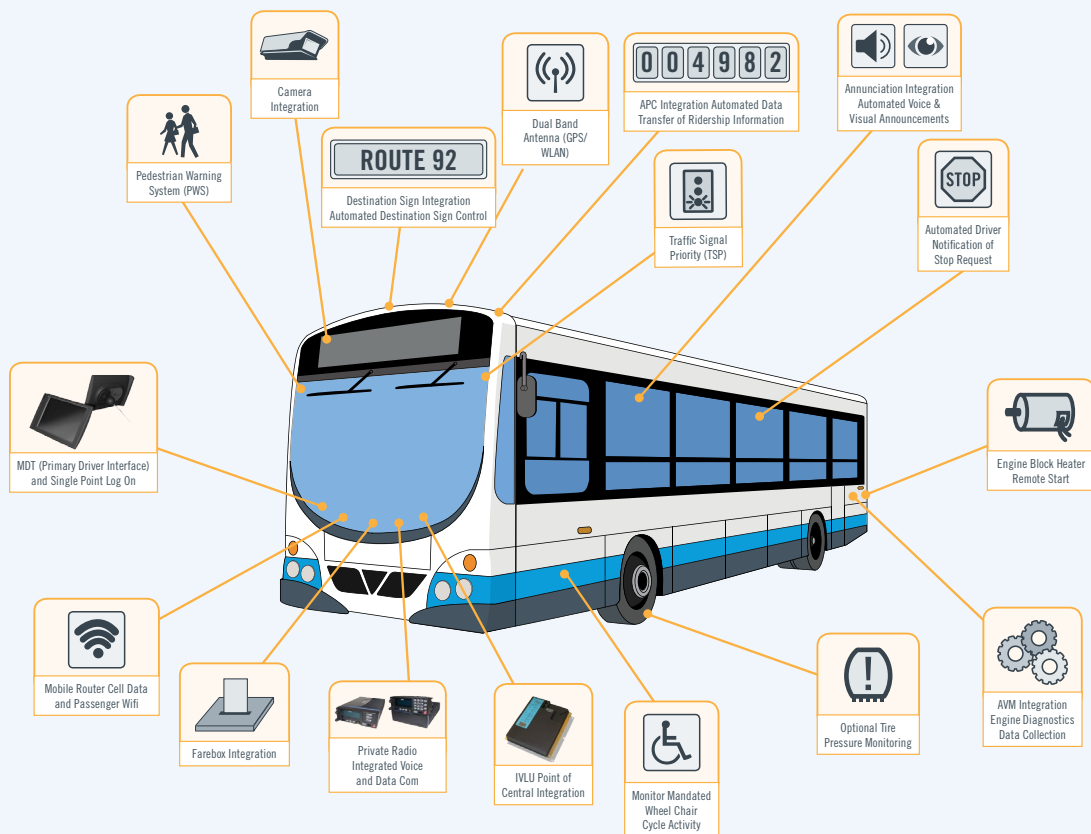
is the intelligent solution to your transportation needs.

Trapeze ITS solutions provide the people transportation industry with advanced intelligence. Trapeze offers you:

- Intelligence on the Vehicle

- Intelligence at Home, in the Office and En Route
- Intelligence in the Operations Office
- Intelligence in the Back Office
- Intelligence for the Future

Example: Comprehensive ITS Solution in the Vehicle



Intelligent Transportation Systems

THE BUSINESS CASE

On the Vehicle:

- Reduce costs, improve efficiency, safety and accuracy by automating operations with integrated single point control.
- Promote homeland security with public safety alerts and emergency alarms from the vehicle.

At Home, Office and En Route:

- Attract new riders by making travel easier and safer with instant information available anytime, anywhere.
- Support regional ITS architecture and 511 initiatives with open HTML-based system interfaces.

In the Operations Office:

- Prove the value of your transit operations to government agencies, your board, community leaders and the public.
- Manage system operations remotely and reduce operating costs with 'point and click' route deviation control and instant playback.

In the Back Office:

- Eliminate costly multi-vendor interface fees and improve prediction accuracy while providing real-time fare, passenger and location data to allow planners to maximize revenues and optimize routes.
- Improve return on investment by

eliminating expensive duplication and maintenance of vehicle equipment and system databases.

- Design more efficient routes and operational procedures by linking departments together with shared databases and instant access to real-time information.

Future-Proofed Technology:

- Underlying ITS architecture is open and transparent to individual hardware components. Your system continues to grow with you as you change, upgrade and add hardware and software.
- Support regional ITS architecture and 511 initiatives with open HTML-based system interfaces.

INTELLIGENT DECISION SUPPORT (IDS)

Prioritization of Events: Respond to Critical Situations First	<ul style="list-style-type: none"> • Highest priority on top Relevant information displayed
Workflow for Incident and Scenario Management	<ul style="list-style-type: none"> • Step by step action plans to help resolve incidents • Automated Incident Reporting • External Communications Enabled
CAD/AVL Information Easier to Find and Used More Often	<ul style="list-style-type: none"> • Dispatcher before and after surveys show sharp increase in having the time to find information and use it • Action Item Automated Setup of Related Information
Fully Configurable and Easy to Use	<ul style="list-style-type: none"> • Thresholds and Parameters are defined by MDT personnel • Changes can be made easily and implemented immediately
External Data Source Integration	<ul style="list-style-type: none"> • Traffic Jams, Weather, Emergency Alert Systems • Uses standard internet protocols
Significant Reduction in Events: Only Those Requiring Dispatcher Attention	<ul style="list-style-type: none"> • Greater than 2/3 reduction in data events resulting in Incidents during the first operational test • Important data messages not lost in the clutter of multiple data queues

TRAPEZE GROUP

Trapeze Group supplies reliable, scalable and innovative solutions for the rail and road transport sector. Hundreds of private and public organizations in Europe, North America and Asia-Pacific have selected software solutions from the Trapeze Group in order to improve and broaden the efficiency, quality and scope of their transport solutions, thus enabling them to provide their customers with even more services in a more reliable and cost-effective manner.

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