



Public Transport Insight Management

PTIM is a modular and flexible software solution for public transport operators that covers all core business processes. It includes applications for conducting surveys, defining routes and schedules, managing contracts with private operators, and monitoring service level agreements. The system is designed to optimize core processes and improve the information flow to commuters. It also provides efficient and accurate automation, with comprehensive operational reports at multiple levels of granularity. With its built-in GIS data, PTIM enables operators to integrate rail and bus timetables for better multi-mode connectivity.



Implementation

PTIM is implemented as an integrated software package and GIS, which manages all aspects of public transport data and services. The system features an open database architecture, allowing for easy integration with other systems and customization by clients and subsidiaries. It has been successfully implemented in Hertfordshire in the UK, where it has been in use since 2004.



Advantages

The PTIM solution results in improved efficiency and accuracy for public transport operators. By automating core business processes, it helps operators to streamline their operations, reduce costs, and improve customer satisfaction.

Features

Route & schedule definition

Supports ground-up route definition from a GIS network, to create routes that optimize connectivity and coverage.

Fare management

Define fares at multiple service levels, with provisions for concessions and special travel plans.

Contract management

Comprehensive solution for managing contracts with private operators, including tendering processes, contract definition, and SLA tracking and closure.

GIS data integration

Map presentation along with the provision for integrating additional photographic details to assist operators.

Monitoring

Training modules for operators and features to monitor and enforce SLAs with private operators.

ALL-IN-ONE PACKAGE

Cover the entire transport service cycle from feasibility surveys to route and schedule definition.

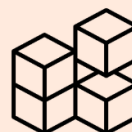


OPTIMIZED CORE PROCESSES

From tendering for contracts, contract definition, SLA tracking and closure, PTIMS is comprehensive in its features for managing operators.

INTEGRATION

Interfaces with other systems, including transport planners, roadside displays, and fare collection systems, to provide a seamless experience for commuters.



MODULARITY

Integrate rail timetables to optimize the bus timetables for better multi-mode connectivity.



Benefits

Improved customer satisfaction

- Provides real-time information and communication with commuters
- Enables efficient route planning and scheduling, leading to better service reliability

Greater flexibility to adapt

- Management of exceptions, minimizing service disruptions and revenue loss
- Seamless integration with other transport modes, enabling multi-modal journeys

Better cost control

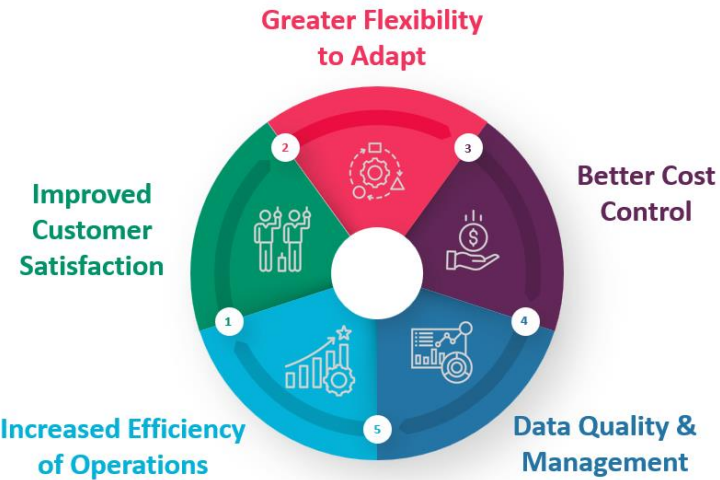
- Provides tools for effective contract management with private operators
- Enables cost reduction in labor, fuel, and maintenance

Data quality and management

- Reduces errors and inefficiencies
- Comprehensive view of operations allows to monitor performance and optimize services

Increased efficiency of operations

- Reduces travel time and fuel consumption
- Increases the number of passengers served



Contact us today to learn more about how ARS can help optimize the public transportation operations.

About ARS T&TT

ARS Traffic & Transport Technology (ARS T&TT), headquartered in the Netherlands has been providing intelligent traffic and transport technology solutions to businesses and government bodies for over twenty years. We are an active player in our home market of the Netherlands, with a particular emphasis on meeting the growing international demand for innovative transportation solutions. Our mission as an independent 'Intelligent Transport System' (ITS) solutions provider is to rapidly expand our leading position in the fast-growing smart traffic and transportation markets. We believe continuous improvement and innovation enable us to achieve this mission.

For more information, contact us: info@ars.nl



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