

Transit Management System

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Smooth operator.

Transit Management System

These integrated and optimised solutions boost the performance of operations required by transportation companies with complete route, fleet and service management, providing accuracy, safety and compliance for operators and passengers.

SERVICE PERFORMANCE MANAGEMENT

Complete real-time view of services with relevant insights and actionable tools for efficient regulation.

SAFETY AND COMPLIANCE

Ability for the agency to proactively address all safety and compliance requirements, with centralized management system.

ACCURATE ARRIVAL INFORMATION

ETA engine calculates arrival information in real-time merging it with timetables and disseminates information to various media and places (bus stop displays, web, mobile apps and services).

INFORMING PASSENGERS

Bus announcement system communicate the current bus position and other relevant contextual messages to passengers, which can be displayed on LCD displays, LED signs or played through speakers.

ROUTE & FLEET MANAGEMENT

TMS offers simple, comprehensive and intuitive tools for managing all assets and aspects of agency's operations.

DEEP & INSIGHTFUL ANALYTICS

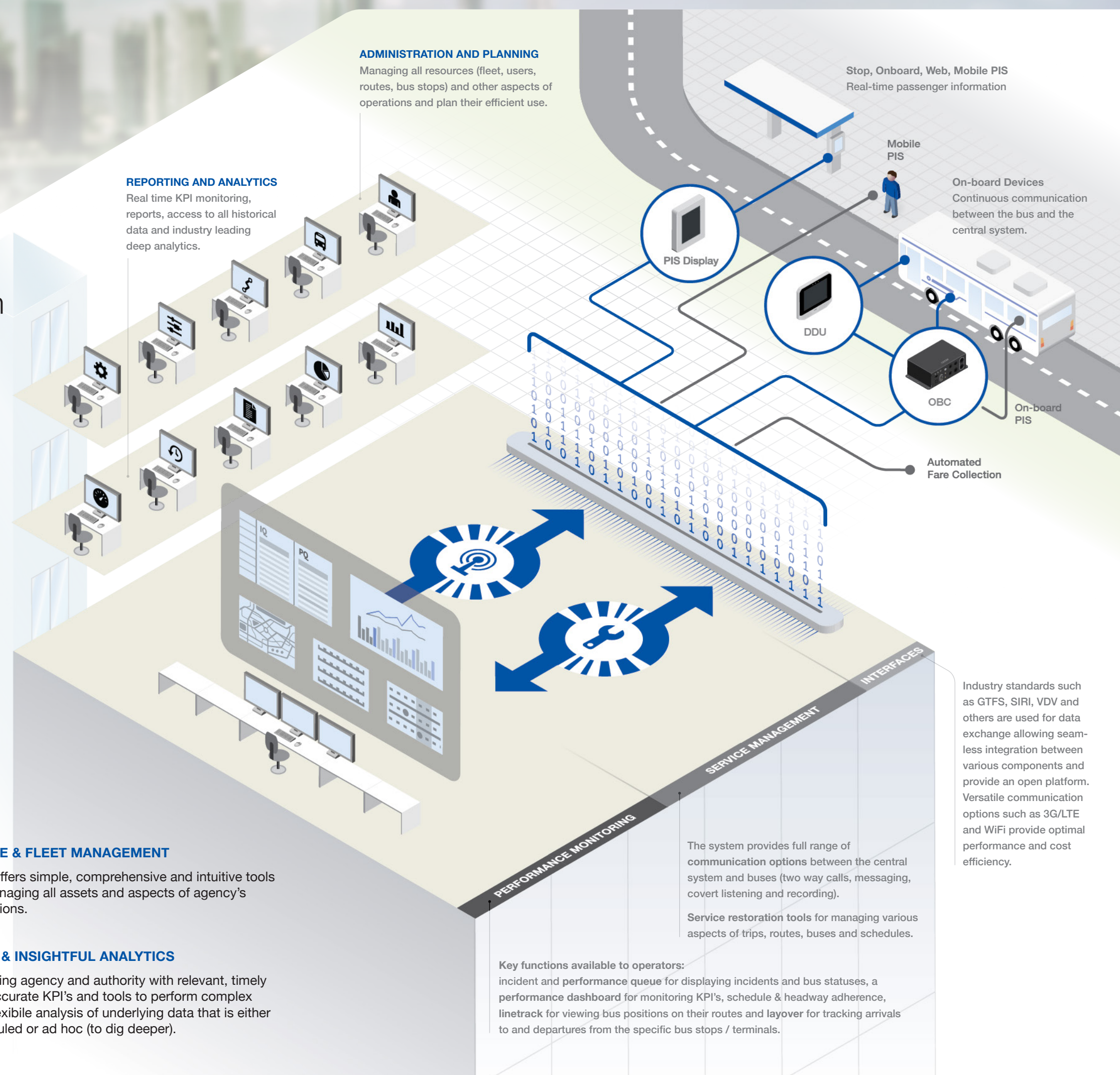
Providing agency and authority with relevant, timely and accurate KPI's and tools to perform complex and flexible analysis of underlying data that is either scheduled or ad hoc (to dig deeper).

REPORTING AND ANALYTICS

Real time KPI monitoring, reports, access to all historical data and industry leading deep analytics.

ADMINISTRATION AND PLANNING

Managing all resources (fleet, users, routes, bus stops) and other aspects of operations and plan their efficient use.



Stop, Onboard, Web, Mobile PIS
Real-time passenger information

Mobile PIS

On-board Devices
Continuous communication between the bus and the central system.

PIS Display

DDU

OBC

On-board PIS

Automated Fare Collection

Industry standards such as GTFS, SIRI, VDV and others are used for data exchange allowing seamless integration between various components and provide an open platform. Versatile communication options such as 3G/LTE and WiFi provide optimal performance and cost efficiency.

The system provides full range of communication options between the central system and buses (two way calls, messaging, covert listening and recording).

Service restoration tools for managing various aspects of trips, routes, buses and schedules.

Key functions available to operators:

incident and performance queue for displaying incidents and bus statuses, a performance dashboard for monitoring KPI's, schedule & headway adherence, linetrack for viewing bus positions on their routes and layover for tracking arrivals to and departures from the specific bus stops / terminals.