



AGIL[®]

BUS FLEET MANAGEMENT SYSTEM

 ST Engineering

AGIL® Bus Fleet Management System

Municipals, transport providers and fleet operators face increasing challenges from urbanisation. Leveraging smart technologies, analytics and emerging technologies, our bus fleet management system for public transport optimises and better matches the demand and supply of bus resources to ensure commuters travel swiftly and safely from point to point. Our solution has managed more than 46,000 vehicles for fleet owners.

Bus Fleet Management System



The Bus Fleet Management System provides a complete suite of solutions for bus management, automatic fare collection and smart bus stop deployment.

The system encourages the use of public transportation by delivering high quality travel experiences for commuters. It also increases operational efficiency and revenue for fleet operators.

The Bus Fleet Management System offers:

- consistent and reliable bus operations
- demand responsive bus services
- reliable passenger information
- seamless collection of transport fares










Fleet Management

Key Benefits

- Easy visualisation of bus network for real-time monitoring
- Manage ad hoc bus operations including on-demand transportation
- Support centralised management of operations
- Effectively manage and measure performance of bus fleets operated by different service providers

Key Solutions







-  Tracking and Dispatch
 - Service level monitoring for operation enhancement
 - VoIP communications with bus drivers
 - Intelligent decision support for operators
-  Key Performance Indicators (KPI) and Report Management
-  Centralised Data Management
 - Manage all bus data (bus-stops, routes, bus profiles, fares, etc.) on a unified platform
-  Bus Arrival Time
-  Event Management
-  Device Management
-  Passenger Information Display System

Automatic Fare Collection

Key Benefits

- Provide reliable revenue collection for bus services
- Allow commuters to pay through different modes
- Support cross-modality fare collection
- Analyse collected data to provide valuable insights of bus occupancy for bus service enhancement and better route planning

Key Solutions




-  Bus Validator and Point of Sale (POS) System
-  Ticket Vending Machine
-  Cashier / POS System
-  Central Computer System
-  Reconciliation Module
-  Report Generation Module

Smart Bus Stop

Key Benefits

- Increase passenger ridership and revenue
- Improve comfort of commuters waiting at bus stops to encourage more people to use public transport
- Provide useful real-time bus information to commuters to enhance journey planning
- Enhance safety of commuters and crowd management

Key Solutions

-  Infotainment Module
 - Passenger Information System
 - Electronic advertisement boards
 - WiFi access point
-  Physical Enhancement Module
 - Cooler environment and shelter
 - Comfortable and durable bus stop seats
-  Sensing Module
 - CCTV surveillance: enhance the safety of commuters
 - Video analytics: people counting and better crowd management

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