

Introduction

Ajeevi Vehicle Tracking Management System Provides the complete insights into all aspects of your fleet management. Our VTMS provides real-time location, unlimited history, engine diagnostics comprehensive reports & alerts, routing, and messages, -All immediately available on your fingertips.

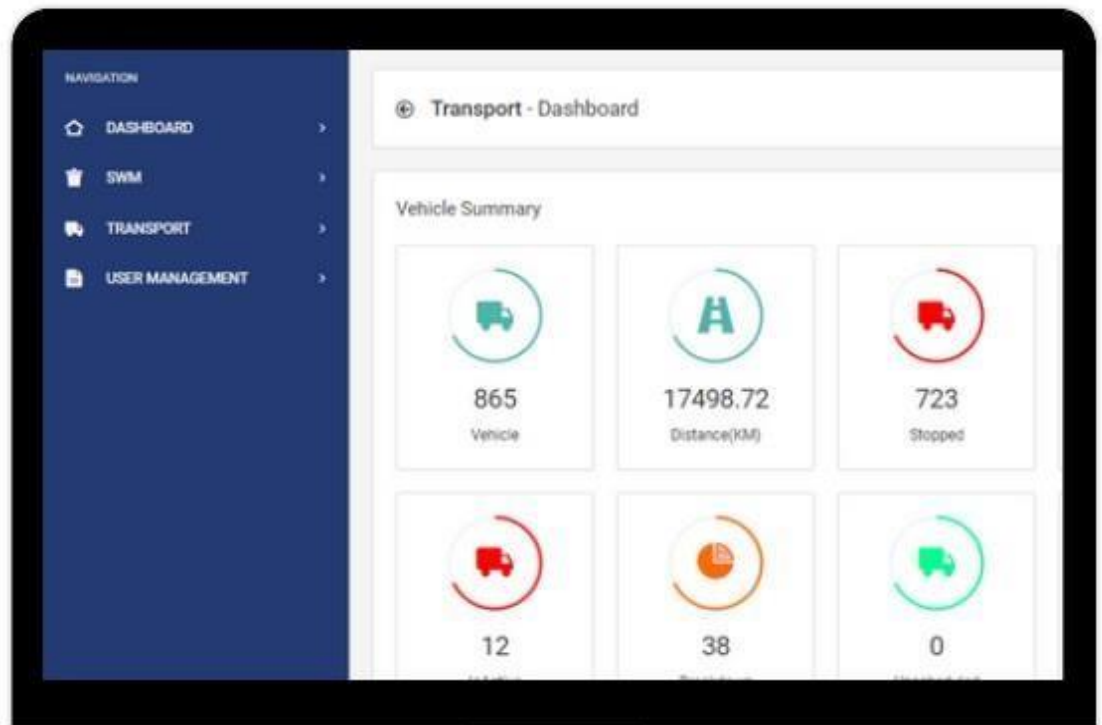
Uses

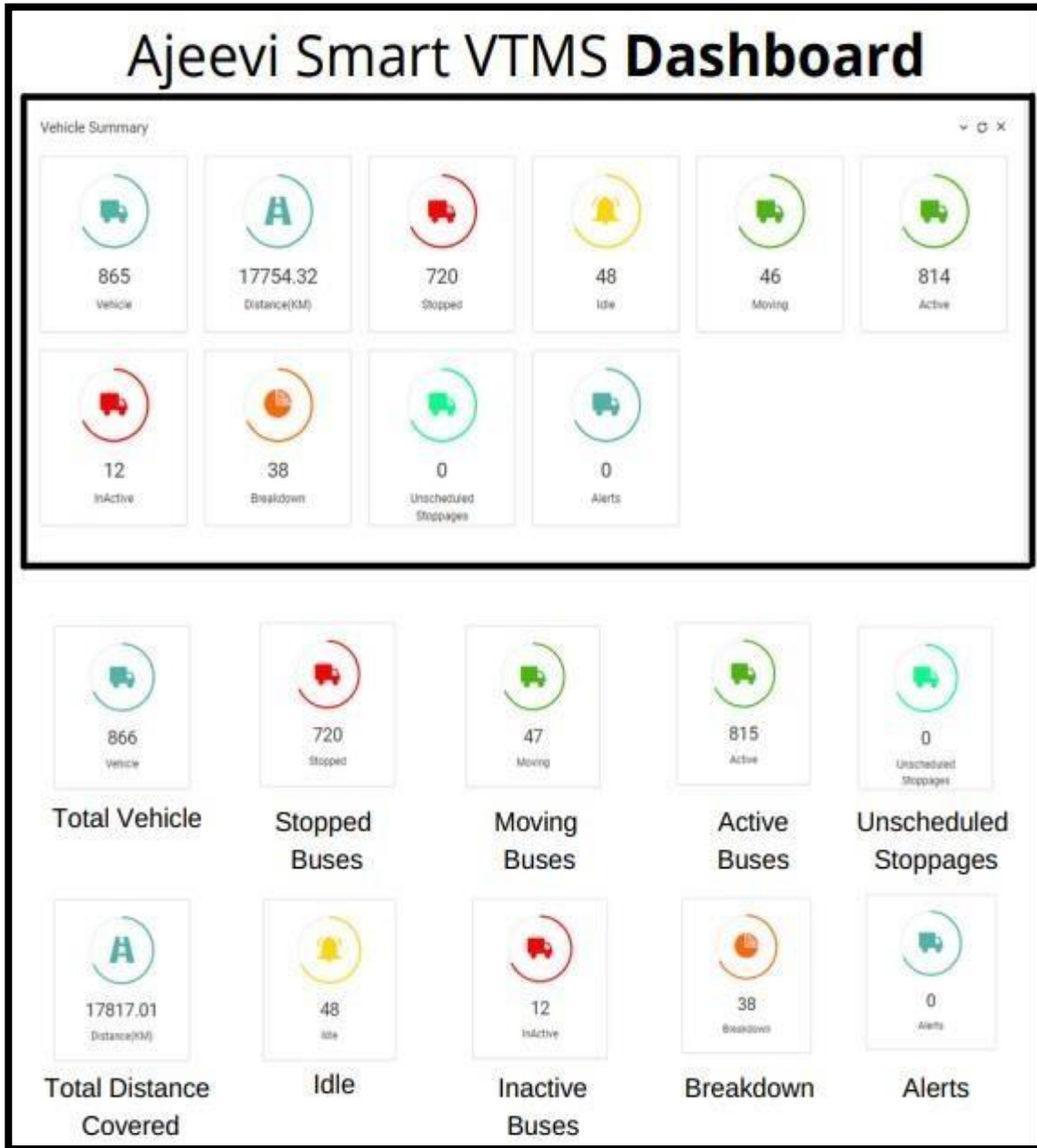
The Vehicle Tracking Management System used to track & manage the fleet management system. It helps to track the real time information -Total Vehicle, Stopped Vehicle, Moving Vehicles, Active Vehicle, Total Distance Covered, Idle, Inactive Buses, Breakdown, Alerts, Unscheduled Stoppages.

Features

The Basic features of Ajeevi VTMS.

- Improved Productivity.
- Controlling Fuel Expenses.
- Managing The Business.
- Reduced Staff and Infrastructural Expenses.
- Managing Assets.
- Security Features.
- Safety Features.





Specifications:

| S# | Parameter | Remarks |
|----------|-------------------------------------|---|
| A | GENERAL | |
| 1 | Centralized and Integrated Solution | Ajeevi Vehicle Tracking Management System |
| 2 | Technology Used | COTS (Commercial Off the Shelf) Technology |
| 3 | Access Features | RBAC Model (Role-based access and control) |
| 4 | Architecture | N-tier scalable architecture, modular design, robust software |
| 5 | Framework | .NET Core Framework, ASP.Net MVC |
| 6 | Database | SQL Server 2016 and above, Mongo DB, Posgre SQL, Unified database for all SWM data |
| 7 | Operating System | Windows / Open Source Linux |
| 8 | Front end | Java Script, JQuery, React JS, Angular, HTML, Bootstrap, Razor Pages |
| 9 | IOT Hub Integration | Kafka, Rabbit MQ, Socket Programming, Web APIs |
| 10 | Application Availability | High availability and DR replicability |
| 11 | Single-Sign On facility | Available |
| 12 | Audit Trail | Ability for logging, audit, and tracking of any changes carried out on the database |
| 13 | Interoperability Standards | Can be integrated with any other application through web APIs (Push or Pull) |
| 14 | Security Features | 1. Security design with well-designed identity management system, security of physical and digital assets, data and network security, backup and recovery and disaster recovery system. |

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| | | <p>2. Support for security features such as W3C specifications, Information access/transfer protocols SOAP,HTTP/HTTPS ,etc</p> <p>3. API Integration allowed post authentication</p> |
| 15 | External Communication | Through SMS Gateway and SMTP Integration |
| 16 | Web Enabled Solution | Yes |
| 17 | Services for GIS Integration | Google Maps, ESRI Map, Any other available open map |
| 18 | GIS Features | Geo mapping, Geotagging, POI, Geofencing through Geo JSON and drawing tool |
| 19 | Deployment Features | SaaS Model, On-Premise Model, BOOT Model |
| 20 | Cloud Deployment | Amazon AWS, Microsoft Azure |
| 20 | Information Security | ISO 27001 certified System |
| 21 | Operations | ISO 9001 Certified |
| B | FUNCTIONAL FEATURES | |
| ➤ | General Features. | Real Time Monitoring. |
| | | ON/OFF Ignition alert. |
| | | Fuel Monitoring, over speeding alert. |
| | | Geofencing. |
| | | Vehicle status on Dashboard |
| | | Vehicle History Report |
| | | Route Deviation Report |
| | | Vehicle visibility on Map |
| | | Vehicle Route Replay |