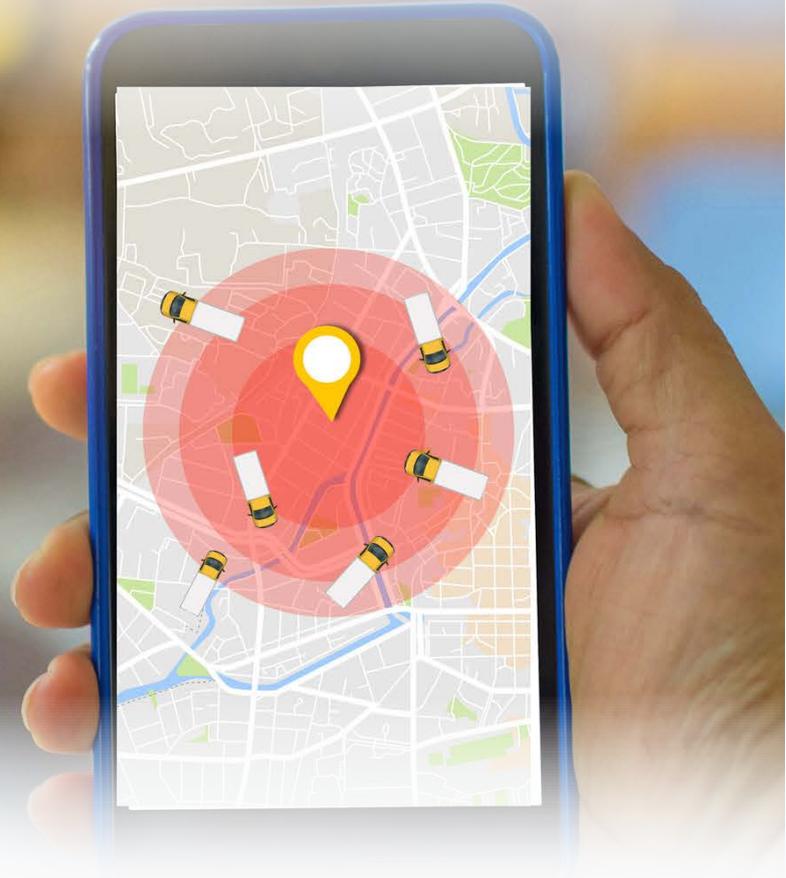


Airtel Telematics



Superior fleet management powered by IoT for staggering productivity, reduced costs, and greater security

The proliferation and advancement of mobile technology and IoT is transforming the way transportation and logistics companies operate. Through real-time data collected by sensors embedded across the value chain to track assets, fuel utilization, driver behaviour, and more, organizations can gain actionable insights, creating efficiencies and reducing operating expenditure. Those next generation technologies are helping companies operating fleets create exceptional business value, especially in a time when fuel prices and labour costs are on the rise, the regulatory environment is unpredictable, and competition continues to intensify.

Airtel's Solution

Airtel leverages its proven capabilities in deploying tailored IoT solutions for leading businesses and its diverse experience to ensure that companies can deliver differentiated connected services to end customers and drive top line growth. From connectivity and storage to analytics and service layer functionalities, Airtel provides comprehensive bespoke business IoT solutions that accelerate time to market and reduce total cost of ownership (TCO).

The Airtel Telematics offering is an end-to-end solution comprising robust hardware and software components designed to harness the value of real-time data in an effective and cost-efficient manner. The hardware component consists of IoT sensors including a GPS-based hardware unit for vehicle tracking and speed monitoring, an OBD 2 adapter to record and transmit engine data and vehicle behaviour, and additional sensors to capture metrics such as temperature-variation in refrigerated trucks and fuel pilferage. The solution's software is a SaaS offering with modules such as trip management, fleet management, and a data analytics dashboard. Those modules help transportation and logistics companies digitize and streamline business operations and boost visibility into asset health and status.

The salient features of the solution include:



Facilitates proactive monitoring to prevent vehicle breakdown



Tracks maintenance schedules and digitizes the inventory of tyres and spare parts



Monitors driver behaviour for greater safety and provides an SOS button and immobilization feature for emergencies



Simplifies driver KYC



Enables route optimization to enhance vehicle utilization



Tracks vehicle location and triggers real time alerts



Automates trip scheduling, vehicle selection, and e-way bill generation

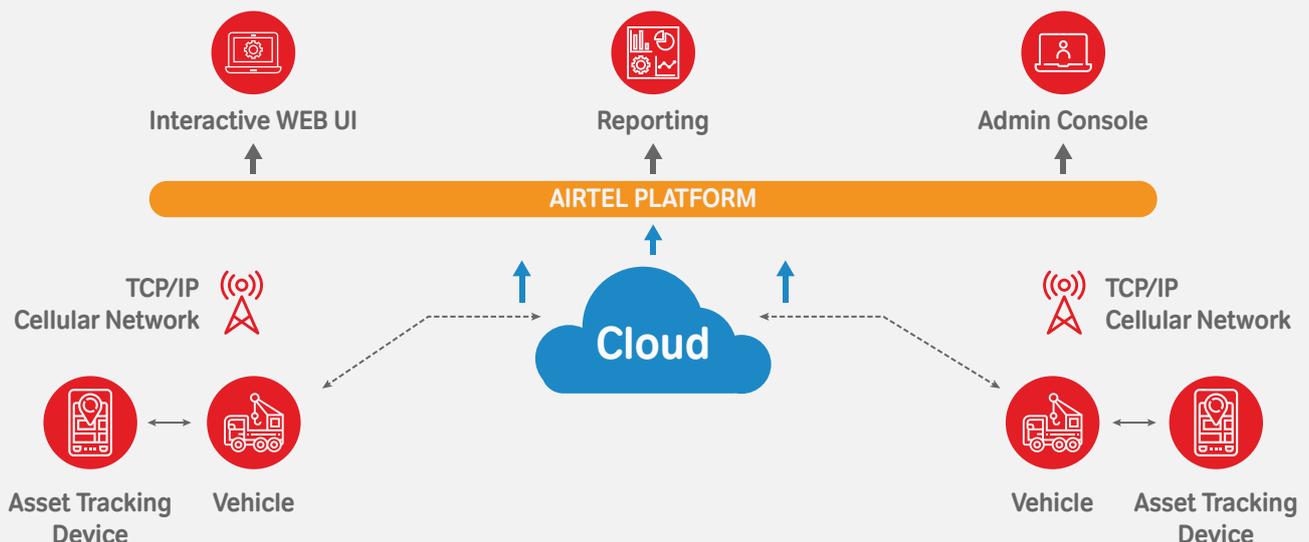


Shares an easily accessible URL for real-time tracking of the vehicle



Maintains temperature inside a cold-chain container

Airtel Assest tracking Platform Architecture Overview



Business Benefits

Airtel Telematics helps companies achieve tangible results in the following ways:



Operational visibility: View fleet location and operating status in real time, review route history, and display route segments along with vehicle status.



Fleet efficiency: Review fleet distance, moving and idle time, fuel consumption, and fuel efficiency.



In-depth analytics: Measure fuel usage and efficiency from data collected by analog fuel sensors. Identify the most frequented destinations and analyse historical routes to help fleet owners further improve productivity.



Customer experience: Achieve SLAs consistently to ensure superior customer satisfaction and compliance.



Driver behaviour: Bolster security by checking driver behavior via analysis of driving patterns such as hard braking, sudden acceleration, over-speeding, and sharp cuts, and determine a driving score to compare drivers.



Real-time alerts: Configure and manage alerts concerning speeding, dwell time, stop time, idle time, route mismatch, battery levels, fuel theft, low fuel, device tampering, and accidents.



Enterprise mobility: Utilize our mobile application that offers on-the-go visibility into fleet location, distance, fuel, time utilization, and allows business users to get in touch with drivers quickly.



Robust reporting: Create detailed reports with rich insights into distance travelled, driving time, idle time, stop time, and more, along with driver's driving score and working hours.



Fleet and route planning: Delegate assignments based on the most efficient routes, track the estimated time of arrival and status for various jobs, and communicate route-related instructions to drivers. Enable real time notifications alerting you in case a fleet is off its route or will possibly not be able to make a delivery on time.

The Airtel Difference

Our 360-degree IoT solution is designed to reinvigorate revenue growth, drive profitability, and enhance overall organizational productivity. Let's look at some key differentiators that position Airtel Telematics as the most sought after IoT solution in the market:



Ecosystem synergies:

Leveraging strategic partnerships with fleet operators, third party logistics (3PL) players, commercial vehicle dealers, financing institutions, and insurance companies, Airtel helps transportation and logistics organizations access low cost capital for expanding their businesses and optimize vehicle maintenance.



Modular and customizable solution:

Airtel allows companies to choose and pay for only solutions that are in line with their business requirements. Airtel Telematics comes with unique customization features that allow users to curate tailored, granular reports and make necessary changes to software.



Interoperability:

The solution facilitates API-integration, helping connect IoT capabilities with existing enterprise software, smoothening the change management experience. Airtel Telematics is a device-agnostic offering that can be integrated with any connected device, minimizing upfront capital expenditure and boosting the return on investment of IoT.

Holistic turnkey offering

Airtel is a one-stop shop providing end-to-end telematics solutions:

Plug-and-play offerings with faster time to production

All encompassing solution with hardware, SIMs, IoT platform, the application, and professional services

Eliminates the need for engaging multiple vendors

Optimizes total cost of ownership