altiux

Fleet management solutions for business and operations optimization

Client

A major trucking company in Africa

Problem statement

A major trucking company in Africa was looking for a solution to track and manage their fleet of vehicles. Tracking was essential to ensure that the trucks were being driven safely and on the most optimal route.

Altiux Solution

Altiux designed and built a fleet management solution to help the company optimize their business performance. The solution enabled connectivity and communication between the trucks, drivers and managers. In addition an Analytics engine ensured that the system had the intelligence required to enable smart decision making and route planning.

Smart Planning

- Real time tracking: Track the position of the fleet at any point of time
- Predictive routing: Get suggestions on the least cost route and automatic readjustments when needed
- Geo Fencing: Assign a route for the fleet and be alerted when there is any violation

Operations and maintenance

- Vehicle Health Management: Monitor important components of the vehicles and receive continuous updates on the health of the fleet
- Vehicle Alerts: Receive updates on fleet usage to deter poor handling like over speeding, idling, usage during unauthorized hours, etc

Management

- Communication: Intuitive interfaces for managers and employees to allow easy communication on the go
- Dashboards: View fleet performance and driver scorecards to have greater control on costs and employee behaviour

Client Benefits

- Connectivity on the move: This is the most obvious benefit as the solution converts the fleet into a mobile office by providing continuous communication capability
- Increased Productivity: Use real time analytics engine to take strategic decisions and optimize performance of the business (dispatching, employee, finance, vehicle)
- Reduced Downtime: Receive intelligent preventive maintenance alerts based on the health of the vehicle and reduce the risk of vehicle breakdowns and expensive maintenance
- Better Regulatory Compliance: A completely automated solution helps the organization to be better compliant with regulations around Road/Safety, Employees and Environment.
- Save Energy: Oversee driving styles to minimize fuel consumption and thereby saving energy costs

About Altiux:

Altiux Innovations is a software and product engineering services organization focused on designing, developing and deploying Internet of Things (IoT) enabled products and solutions for the smart connected world. Our clientele spans verticals like Consumer Electronics, Smart Homes/Buildings, Smart Cities and Industrial automation. Our flagship offering - IoT Toolkit – is a comprehensive suite of ready to use software frameworks for IoT implementations. It helps our clients offer differentiated solutions while accelerating time-to-market, reducing overall product development expenses and future proofing investments. Our services portfolio encapsulates our collective expertise in areas of smart devices, Mobility, Big Data, Cloud and Analytics with the goal of providing hands-on support for customers as they embark on their IoT product development journey. To know more, visit us at www.altiux.com or write to us at info@altiux.com