

MOBILE APPLICATION FOR OPTIMIZED FLEET MANAGEMENT

Industry
Logistics

Technology
Android | iOS - Swift



ABOUT PROJECT

Our client is a leading global hardware and software provider for ELD, Fleet Management, Stolen Vehicle Recovery and Insurance Telematics Services since last 14 years. They are established in Africa, Europe, and South-East Asia and operational in 24 countries worldwide. They were looking for a solution, where the fleet owners could monitor the fleet from anywhere, anytime.

THE REQUIREMENT

- Conversion of existing web application into native mobile apps
- Tracking of multiple fleets
- Customized map with LIVE location & movement of fleets
- Easy user-interface for convenience in navigation

THE CHALLENGES

- API of existing application was not compatible with Android & iOS
- Using website APIs for mobile app development
- New customized map without integration of Google or Apple Maps
- Hosting on 4 servers, leading to slow loading of location on map



“ Fleet Management was optimized with tracking of fleet vehicles in real time that saved time, cost and brought transparency in management ”

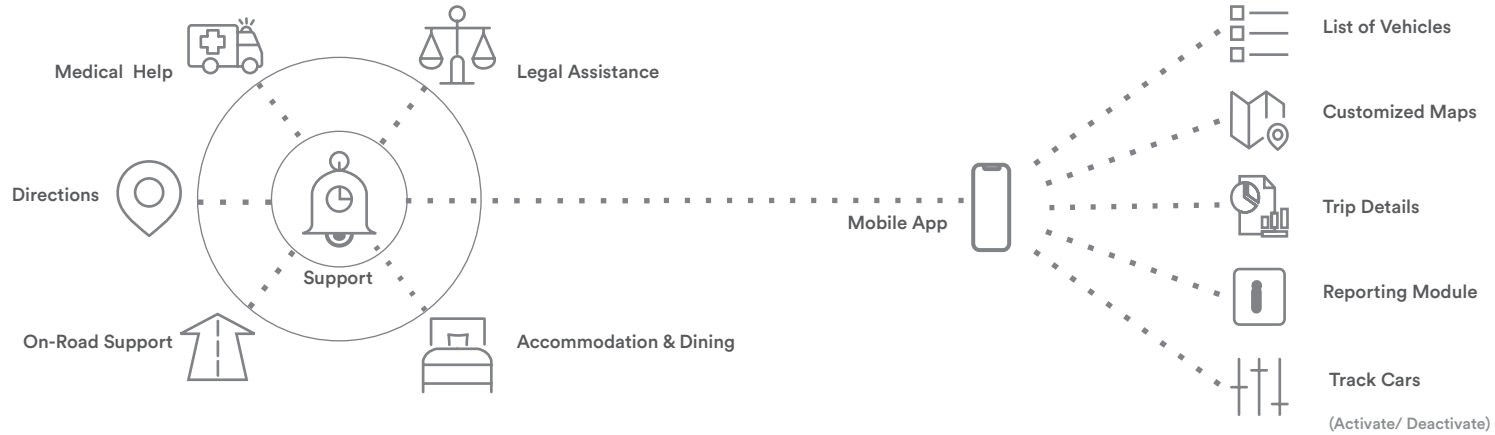
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THE SOLUTION FLOW



THE KEY FEATURES



Dynamic & user-friendly UI for Fleet management



Extraction of API for relevant data from the web application



Customized Map with real time tracking of multiple fleets.



Queue (data structure) at the server level for faster loading of locations on map



Transparency & improvement in management of fleet vehicles



HELIOS SOLUTIONS