



Programmatic Fleet Management Service

Powered by ChainwayTSP

a Case Study of

Huawei Global Enterprise Fleet Management

A Benchmark of Enterprise Fleet Management

Built by ChainwayTSP & Huawei

Background

- Huawei as up to 40,000 enterprise vehicles, the fleet management workload is extremely heavy.
- Huawei's enterprise fleets are distributed in more than 100 countries around the world, and cannot be managed uniformly.
- The cost on fleet operation and management stay high at RMB ¥130 million, and it's hard to reduce.
- The traditional manual management was adopted in Huawei, which could not meet the need of modernization and informatization.

Problems

Before 2014, Huawei fleet management mainly relied on manual dispatch and manual document to manage vehicles. This method can only perform certain management on vehicles before and after use. The lack of effective control over the use of vehicles has fostered the private use of public cars. Data cannot be verified, driving safety is worse, vehicle efficiency is low, and vehicle costs are high.

Solutions

Informatization and intelligent factors are added in the upgrade of fleet management:

- Add smart terminal to achieve intelligent internet of fleet management
 - Visibility of management: install the intelligent terminal for vehicles to track real-time driving data, analyze and display the big data through the fleet management platform, and realize intelligent and visual fleet management.
 - Business data reliability: verify and judge the manual account data, strengthen business management through double verification, find problems accurately and quickly, and make business operation more real and reliable.
 - Driving behavior optimization: according to the driver's driving behavior, give driving score, guide and optimize safe driving behavior, and enhance the safety of the vehicle in the driving process.
- Customized scientific dispatching system based on the demand
 - Simplified integrated system: the team administrator and driver can complete the whole process of vehicle use, dispatching and management with only two clicks of mobile phone, so as to realize end-to-end management from vehicle demand to vehicle evaluation.
 - Intelligent standardized management: employees apply for vehicles on the APP. After approval, the system will send vehicles intelligently according to the location and current status of the vehicles. The driver assigned task will receive detailed task information. During the driving process, the intelligent terminal

will record the track, mileage, duration and other information of each task for passenger evaluation and management inspection.

- Modernization to improve efficiency: the internet of vehicles has realized the modernization and reliability of fleet management, information technology has greatly improved the standardization of vehicle use, vehicle use efficiency.

Results

A fleet management cloud service and a high return investment project:

- The optimization of driving behavior makes safer work. In 2014, the accident rate of Huawei's official vehicles decreased by 18% compared with that in 2013, and it continued to decrease year by year.
- Healthy use of vehicles reduces depreciation cost, optimizes driving behavior, reduces vehicle wear and tear, improves vehicle health and prolongs vehicle life.
- The standardization of vehicle use reduces the operation cost, real-time tracking of vehicle data, eliminates the private use of vehicles, false overtime and other ills, greatly improves the resource utilization rate of the enterprise's fleet, and reduces the operation cost.
- High return on investment, Huawei's fleet saves nearly RMB ¥72 million annually, with a return on investment of up to 900%.

Summary

It has a long-term cooperation between ChainwayTSP and Huawei, and has achieved fruitful mutual benefit and win-win results.

In 2014, ChainwayTSP provides Huawei with an overall internet of vehicles solution and business vehicle fleet management cloud service.

Since 2016, the two sides have established an ecological partnership for the global operator Internet of vehicles market, jointly expanding the global operator internet of vehicles market.

In 2018, ChainwayTSP became a partner of Huawei cloud through strict selection, and launched ChengwayTSP Wing fleet management cloud service in Huawei APP mall.

The change between Huawei and ChainwayTSP is not only the name, but also Huawei's recognition of ChainwayTSP products and services and development concept. "A healthy and sustainable internet of vehicles ecosystem built together." It is the common idea of Huawei and becoming intelligent transportation, and the two sides will continue to cooperate with each other to build a prosperous ecosystem of intelligent transportation in the cloud era.