

Fleet Optimization

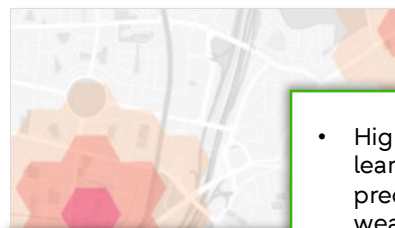
Fujitsu has pursued a more prosperous and sustainable transportation society by solving social issues such as reducing CO₂ emissions and logistics crises. We realize safe and convenient mobility through innovation and our proven experience in the mobility/logistics industries.

Features



Dynamic Dispatching

- Match optimal vehicles to passenger/ package by configuring KPIs (delivery time and fleet efficiency).
- Optimal route calculation integrating with real-time traffic data (Google Maps, etc.).



Optimization Rebalancing

- Highly accurate machine-learning algorithm to predict demand based on weather, event, etc.
- Minimizes unpaid miles by placing the fleet in areas of demand.



Automated Servicing

- Automated fleet management considering all constraints, including maintenance service, refueling/ charging, etc.



TCO Simulator

- Proprietary simulator allows ingesting historical fleet data and simulating the entire operation without a single vehicle on the road.

Use Cases



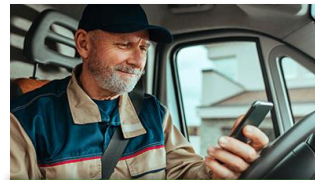
Decrease in delivery time

Optimized routing and delivery support in the last one mile.



Effective use of empty vehicle

Supporting optimized vehicle placement based on demand prediction in the rental, etc.



Maximize vehicle utilization

Dynamic vehicle dispatching in urgent delivery and reverse logistics.



Reduction of cost / CO₂ emission

Installation effective simulation of EV fleet / EV stations.