

Force iPULSE: Pioneering Intelligent Mobility for the Future



Experience a New Generation of Vehicles—
Smarter, More Efficient, and Always One Step Ahead with Predictive Intelligence

Top 5 Features Of Force iPULSE

Fleet Tracking and
Trip Management

Fuel Efficiency
Monitoring & Insights

Predictive
Maintenance

Driver Behaviour
Analysis

Smart Alerts &
Analytics

Fleet Tracking And Trip Management



Automated Reports

Generate daily and hub-to-hub reports summarizing fuel usage, distance traveled, and engine run hours—along with timely service reminders to keep vehicles maintained and on schedule.



Location Tracking & Geofencing

Track vehicle movement in real time, analyze usage trends, set up geofences for better route control, and locate nearby Force service centers for timely support.

Fuel Efficiency Monitoring And Insights



Fuel Efficiency Tracking

Our models can accurately track fuel economy by monitoring fuel injection, distance traveled, and engine hours.

Driver Behaviour Analysis



Track critical driving behaviour exceptions such as hard braking, harsh acceleration, freerunning, idling, overspeeding, and continuous driving, along with gear utilization. Access driver scorecards with peer-to-peer rankings to identify improvement areas and enhance overall driveability.

Predictive Maintenance



Diesel Particulate Filter (DPF) Monitoring

Track DPF health and receive alerts for clogging. Get guidance on regeneration to maintain fuel efficiency and avoid performance issues.



Battery & Charging Systems Monitoring

Our ML models interpret abnormal fluctuations in voltage readings at varying engine speeds. They can anticipate a malfunctioning alternator or a battery that is running down.



Diesel Exhaust Fluid (DEF) Monitoring

Monitor DEF levels and receive alerts for inefficient usage to ensure optimal engine performance and emissions compliance.



Engine Temperature Analytics

We record and raise alerts for overheating by leveraging AI, which can interpret the contrast between engine temperatures at varying engine loads. Our solutions can anticipate usability symptoms and a loss of power response, along with check engine light activation.

Smart Alerts and Analytics



Diagnostic Trouble Codes (DTC)

“Our system identifies issues across key vehicle components and provides clear insights into causes, symptoms, and recommended fixes – enabling faster, remote diagnostics through a centralised control tower that ensures real-time monitoring and decision-making.”



Air Intake Diagnostics

Continuously assess air intake levels across engine loads to detect issues like clogged air filters or reduced airflow, ensuring optimal combustion and engine performance.

Discover the Intelligence Driving Tomorrow's Journeys



5 to 10% Savings
on Fuel Cost



5 to 10% Savings on
Maintenance Cost



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