

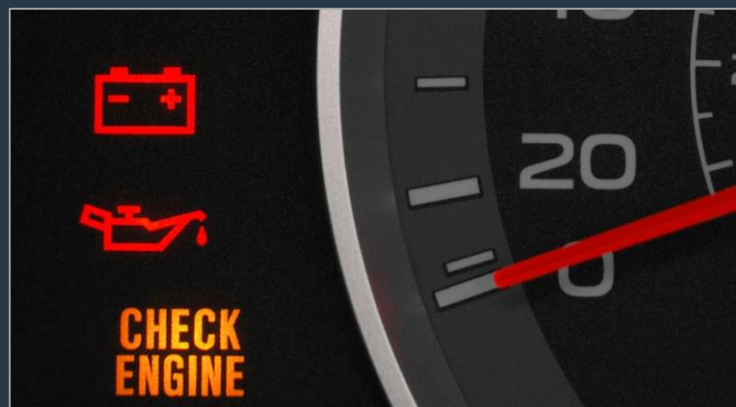
Vehicle Maintenance

Stay ahead of the service requirements and errors reported by your vehicles.

Keeping fleet vehicles maintained on time is crucial to prevent service disruptions and unexpected expenses. While modern vehicles generate diagnostic alerts for maintenance needs or issues, these insights are most valuable when accessible remotely.

Imagine one of your trucks is *en route* to a customer when a dashboard warning light flashes. The driver may not know what's wrong, and by the time it's reported, the truck breaks down, causing delays and costly repairs.

With Frotcom, if an issue arises, you'll be alerted immediately, allowing you to schedule repairs before it escalates.



How we help

With Frotcom's Vehicle Maintenance module, you can remotely monitor real-time diagnostics, including service needs and Diagnostic Trouble Codes (DTCs).

Frotcom provides GPS trackers adequate for any type of vehicle, that can read maintenance data from FMS, J1939, or OBD ports.

Frotcom monitors service requirements such as general maintenance, engine oil, or brake pads and oil, allowing for advance planning. Service requirements can automatically trigger alarms and send notifications via Frotcom and/or email, based on a set time or travel distance.

The alarms are updated when the service is executed, and the vehicle reports a new distance of time for the next service without any intervention from the fleet manager.

Frotcom also displays the DTCs reported by each vehicle, either the ones active and or the history of DTCs reported in the past. It is also possible to set up an alarm to notify the fleet manager when a DTC is reported by the vehicle.

Keep trucks on the road, ensure timely deliveries, and reduce costly downtime!

Benefits

Remote maintenance information

All maintenance requirements and DTCs are collected remotely and presented on a centralized page. There is no dependency on the drivers, no need to check the vehicles locally, and no need to use multiple platforms from the vehicle brands.

Plan ahead for maintenance

If an issue arises, you'll be alerted immediately, allowing you to schedule repairs before it escalates. There will be no more surprises with vehicles that cannot be used for the assigned jobs because of overdue maintenance.

Avoid expensive repairs

Real-time monitoring of DTCs, allowing for preventive maintenance before unattended warnings result in avoidable wear and unplanned vehicle stops.

Keep your drivers informed

Both maintenance requirements and DTCs can trigger alarms, and these alarms can be sent to the driver of the vehicle. Drivers can act accordingly, planning maintenance or going directly to the company's vehicle maintenance shop.

"With proactive scheduling, vehicles stay operational, while automated alerts keep drivers informed, reducing downtime and improving efficiency."

How it works

This module is based on the information read by the GPS tracker from the vehicle.

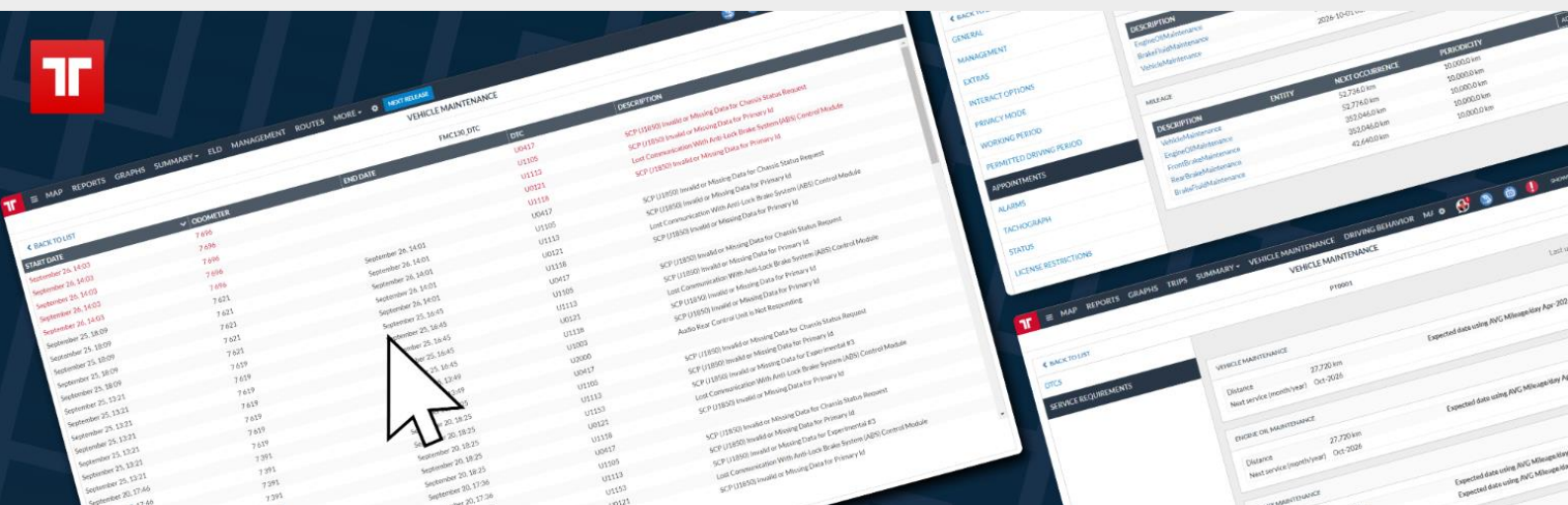
For heavy vehicles and machines specialized for agriculture, construction, or mining, data is usually obtained from the J1939 or FMS CAN bus. On light vehicles, data can be read from the OBD port or internal CAN bus.

The GPS tracker reads this information and transmits it to the Frotcom Data Centre, where it is processed and stored.

When service appointment alarms are linked to Frotcom's vehicle maintenance module, the system automatically sets the vehicle's next service appointment, saving you time and ensuring you do not miss your vehicle's service.



Contact your Frotcom Certified Partner to discuss the appropriate device for your fleet vehicle brands and models.



Main features

- Remote reading of maintenance requirements (time and distance)
 - General vehicle maintenance
 - Engine oil
 - Brake pads
 - Brake oil
- Manage vehicle DTCs in real-time
- Appointment alarms

Other related features you might be interested in

- Remote tachograph DDD file download
- Driving times monitoring and compliance
- Driving behavior analysis
- Fleet alarms
- Fuel management
- Fleet cost management

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