



TRACKING AND MONITORING TECHNOLOGY
By SERVE TECH PRO

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NOT ONLY TRACKING BUT FLEET MANAGEMENT

INTRODUCTION

TRACKING AND MONITORING TECHNOLOGY ENTERPRISES

is a company that offers vehicle tracking, fuel monitoring in vehicles and storage tanks, fuel consumption for all type of vehicles and generators, weight monitoring for lorries and trucks.

Adding to the above-mentioned services, our system can provide instant reporting for any diesel theft, weight loss. It also helps workshop manager by notifying them remotely about service hours for any selected equipment.

TRACKING AND MONITORING TECHNOLOGY ENTERPRISES

is certified by the main sensor manufacturer for all repairs and troubleshooting of all sensors saving time on its African clients.

Our Services includes the following:

TRACKING

-CANUP

FUEL MONITORING

-DUTE E fuel level sensor
-DFM FUEL Fuel Flow meter

AXEL LOAD

-GNOM

TRACKING



models (see figure 1 and 2)

CANUp 27 Standard

CANUp 27 Pro 3G

CANUp 27 Pro Wi-Fi

Functional features of CANUp 27:

Recording of Events

-Refuelling / fuel syphoning. (Additional Sensor is needed DUTE)

-Speeding, RPM, route deviation, leaving Geofence, duration of continuous driving.

-Turning on/off.

-Loading/unloading, exceeding allowed axle load.

(Additional Sensor is needed GNOM)

Report generator (Figure 3 and 4)

Report registration

Onboard electrical network monitoring

Self-diagnostics

Onboard clock

Position monitoring

Collection of analogue signals

Wireless data reception

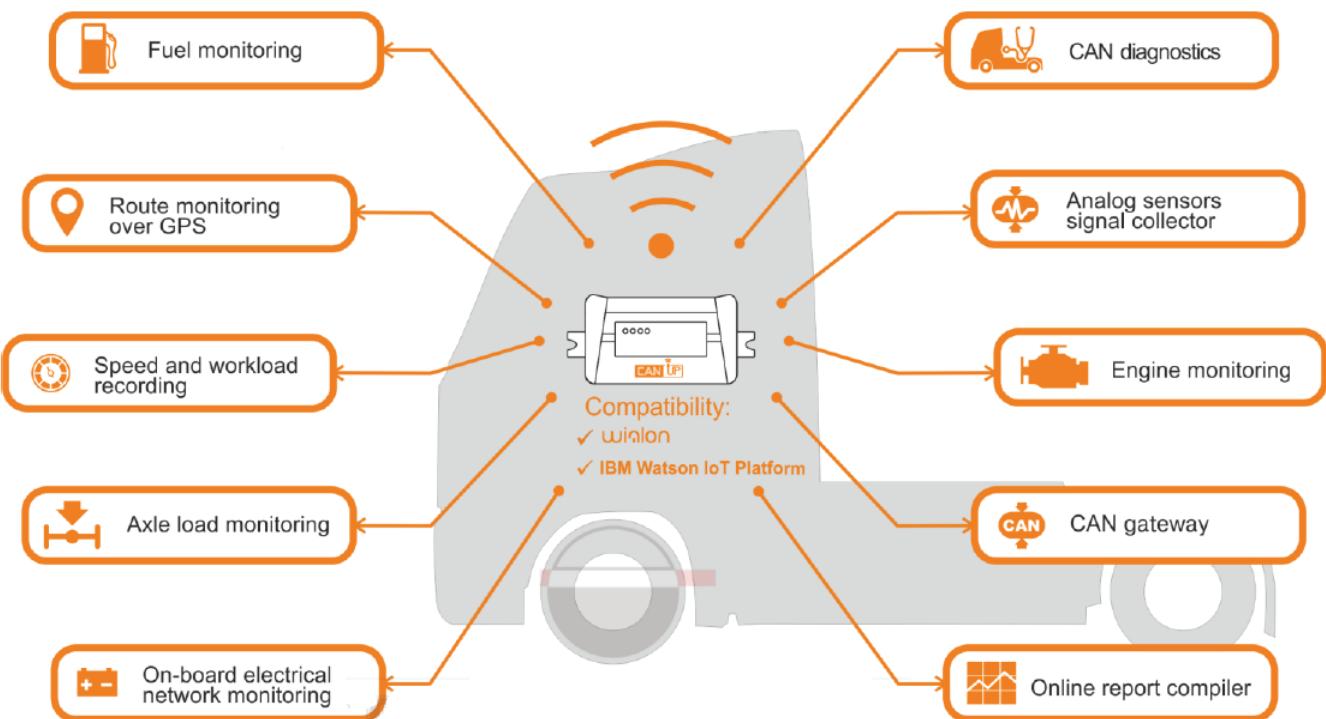


Figure 1

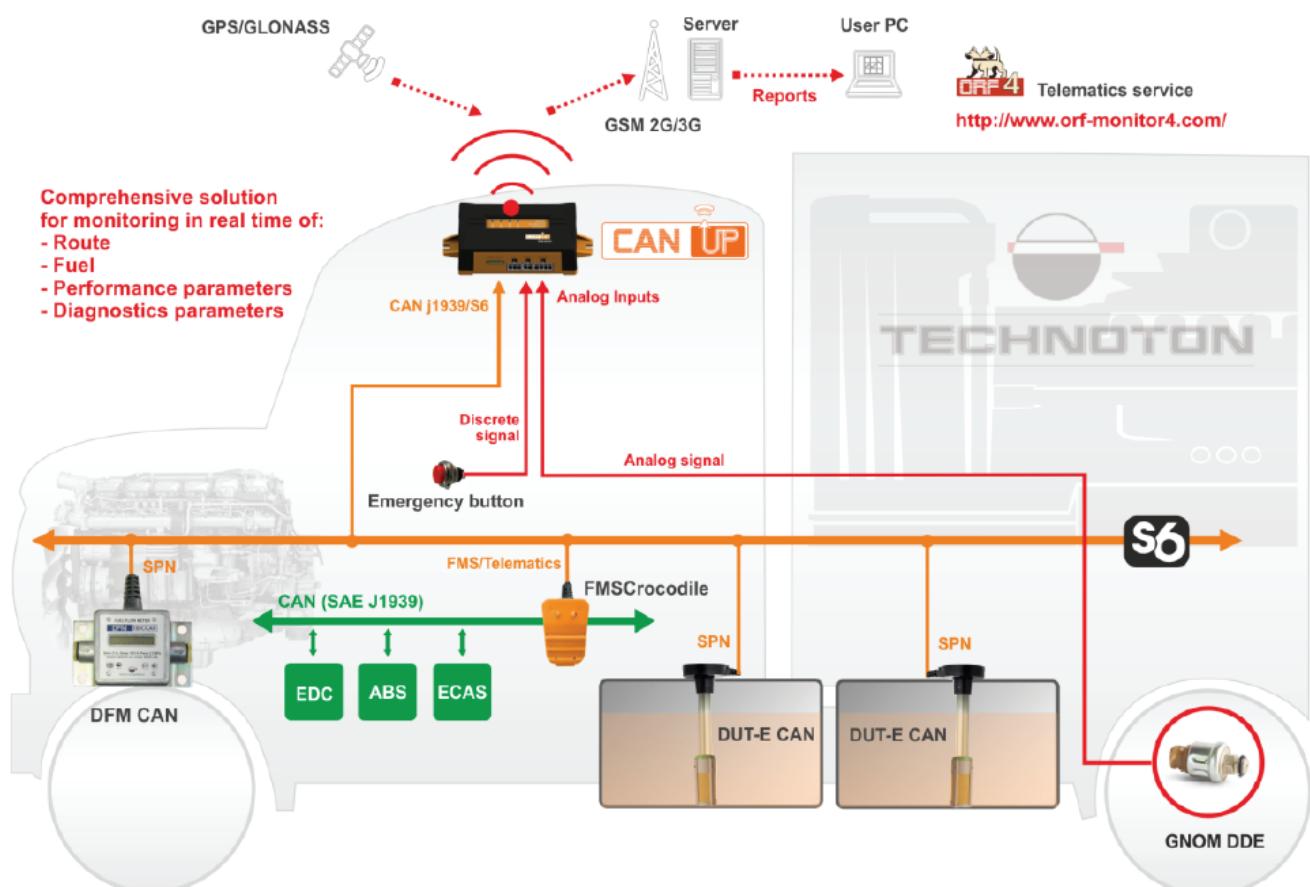


Figure 2

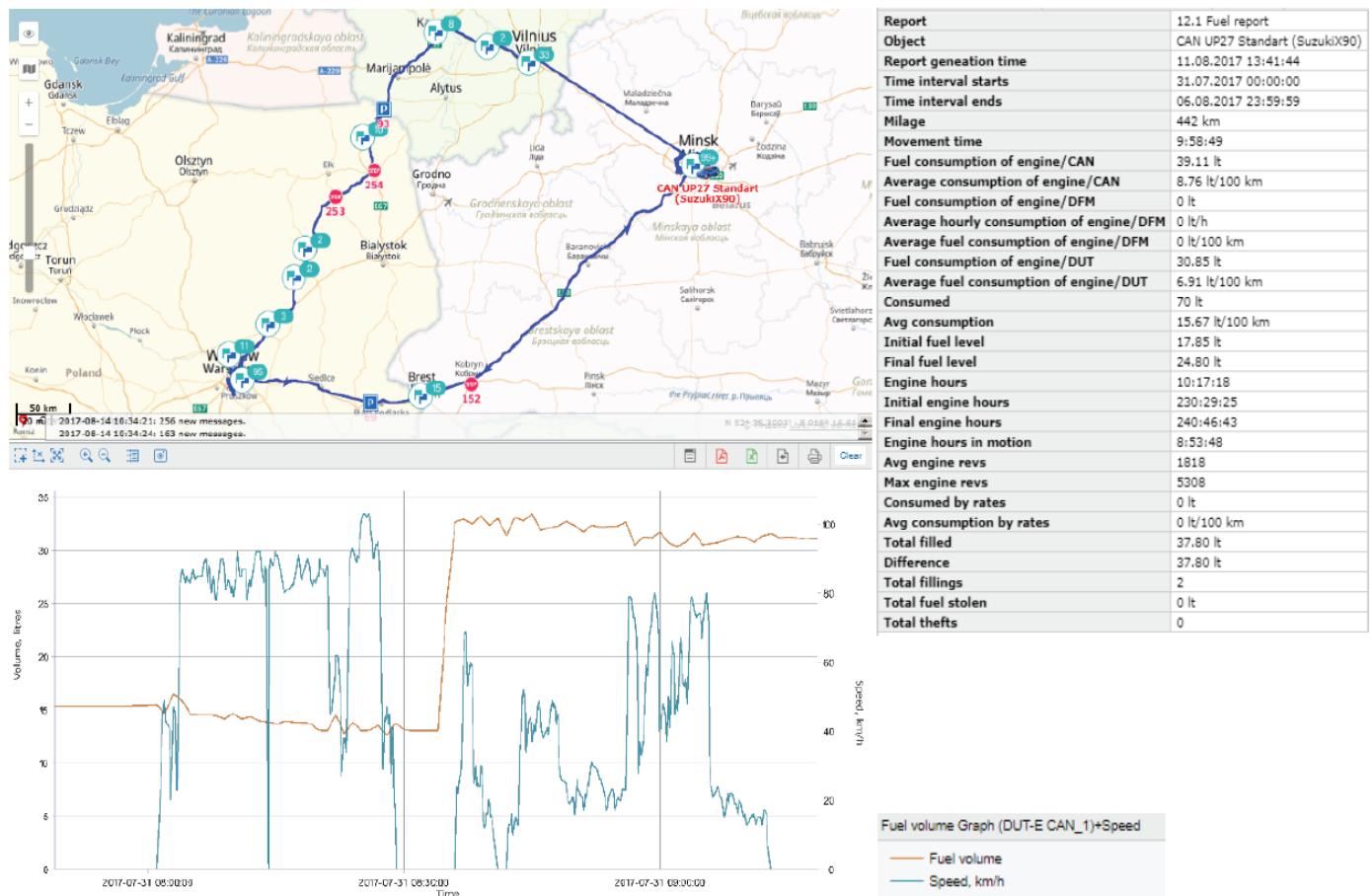


Figure 3

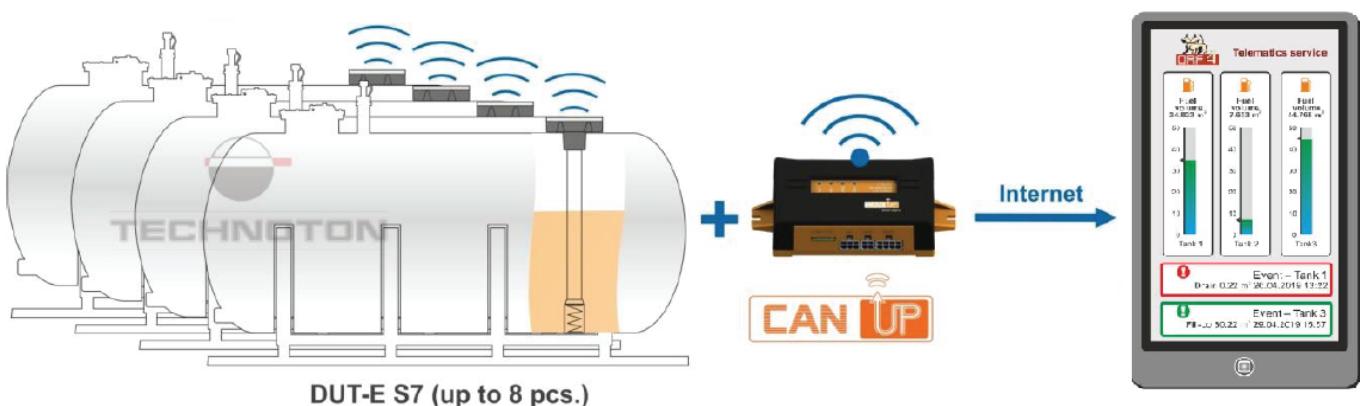


Figure 4

FUEL MONITORING

is designed for high-accuracy measurement of liquid fuel level and volume in tanks of automotive, railroad vehicles, watercrafts and stationary objects (see figure 5)

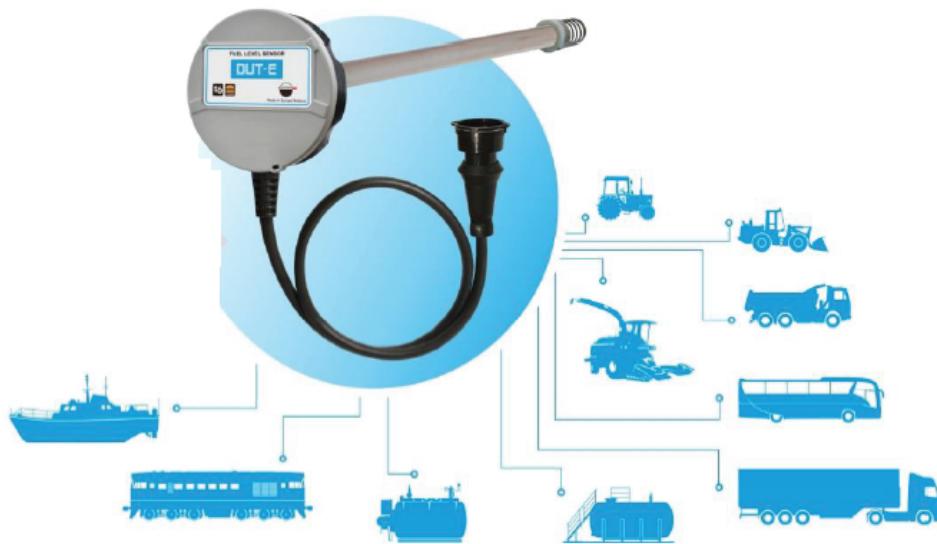


Figure 5

DUT-E CAN connected to Tracking device by S6 Technology makes possible to control in real time:

- current values of the level and volume of fuel in each tank. (Figure 6 and 7)
- total volume of fuel in the number of tanks from 1 to 8 and separately in each tank. (Figure 6 and 7)
- determine exact refuelling amount. (Figure 6 and 7)
- reveal fuel theft facts. (Figure 6 and 7)
- fuel temperature. (Figure 6 and 7)
- sensor specification data.
- presence of water in fuel.
- sensor malfunctions.

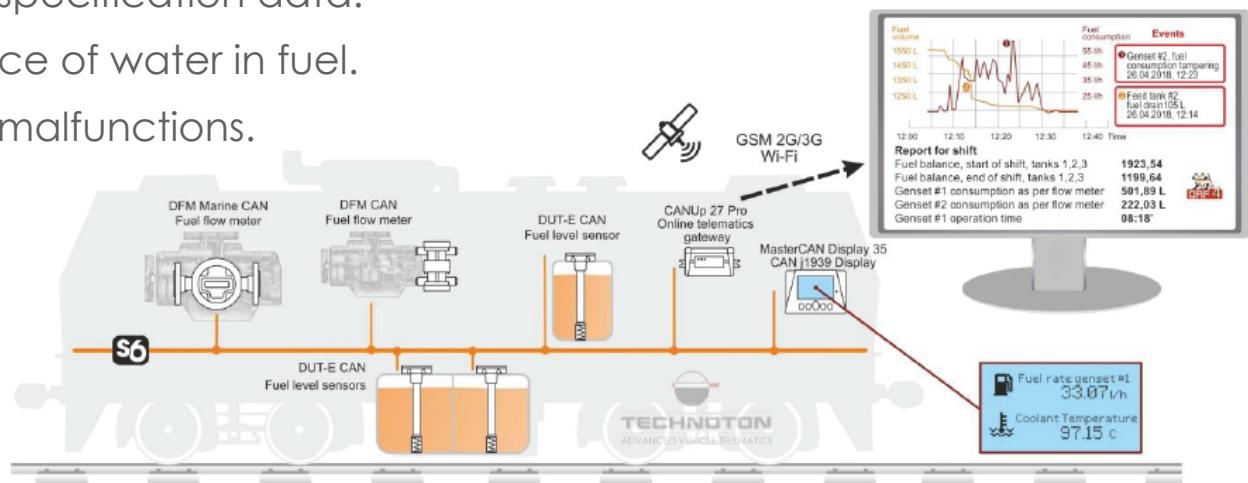


Figure 6

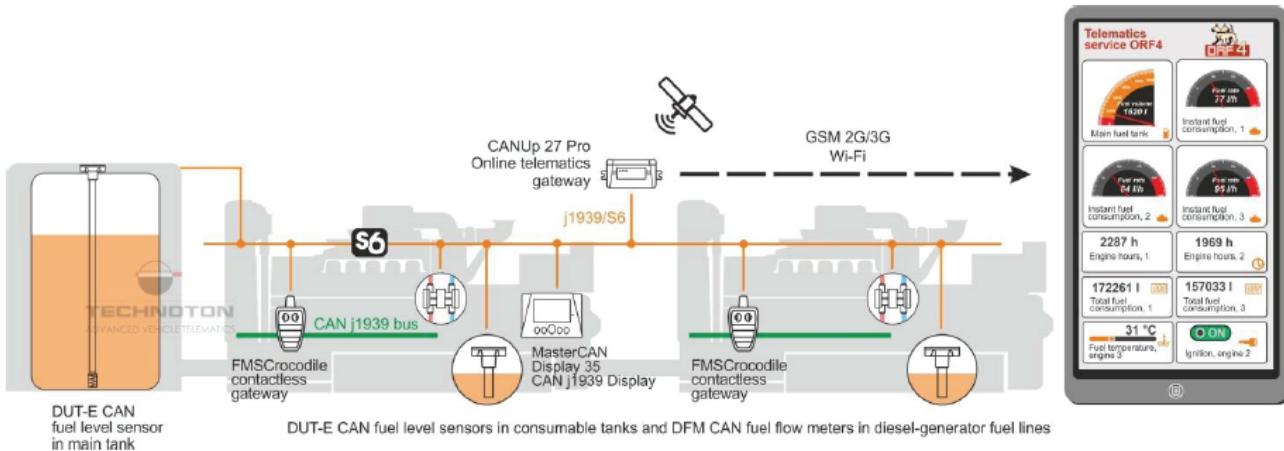


Figure 7

2- **DFM** Differential Fuel Monitoring is designed for (see figure 8):

- fuel consumption measurement in fuel lines of engines of Vehicles and stationary units.
- monitoring operation time of fuel consumer.

DFM can be used for following fluids flow measurement:

- diesel fuel.
- heating oil.
- burner oil.
- motor fuel.
- biofuel

-other liquid fuels and mineral oils with kinematic viscosity of 1.5 to 6.0 mm²/s (cSt).

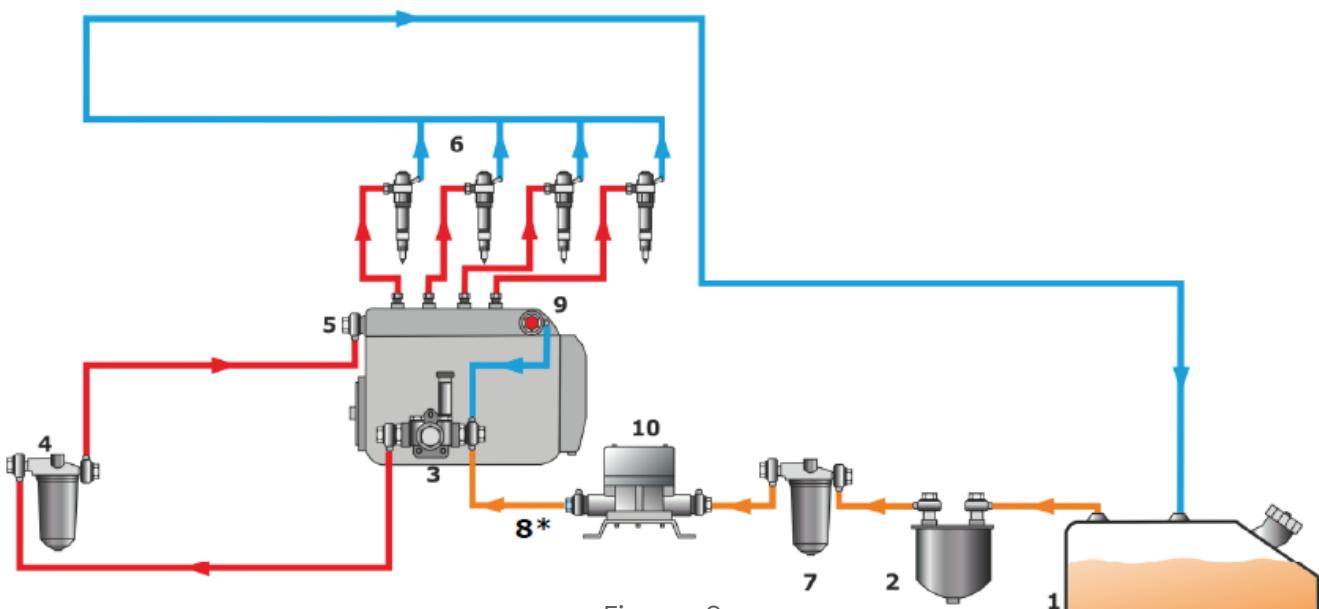


Figure 8

AXEL LOAD



is designed for (Figure 9):

- used in telematics systems for vehicle weight monitoring and preventing axle overload.
- helping fleet owners to avoid fines for exceeding load per axle and extra repair costs.
- used for vehicles and trailers with mechanic and pneumatic suspension systems.



PRODUCTS



CANUP Standard

CANUP Pro LTE

CANUP Pro Wi-Fi



DUT-E CAN

DUTE Standard

DUTE S7 (Bluetooth)

DUTE Bio (different types of fuel)



DFM



(a)

(b)

(c)

(d)

(e)

a-One chamber with display and interface cable

b-One chamber with interface cable

c-One chamber autonomous

d-Two chambers with interface cable

e-Two chambers autonomous with display



(a)



(b)



(c)



(d)

a-GNOM DP position sensor is designed for measuring axle and cargo load
b-GNOM DDE is used to determine the axle load in vehicles equipped with air suspension

c-GNOM DP S7 is used in transport telematics systems to monitor axle loads
d-GNOM DDE S7 is used in transport telematics systems

(GPS/GLONASS vehicle monitoring systems)

to monitor axle loads, determine the axle load in vehicles equipped with air suspension, prevent exceeding axle loads

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