

# Fleet Management System

Designed to implement the functionality of protection and monitoring of trucks with the ability to collect and transmit data received from CAN bus of the vehicle. As an authorization device a 2.4 GHz ID-tag is used.

The kit is aimed for vehicles with an on-board voltage of 12-24 volts.



## Key Features

- GLONASS/GPS positioning
- Online vehicle tracking data transmission
- Internal memory ("black box") to store tracking data if GPRS is not available:  
22.000 data points equals 30-45 usage days
- SMS as a configurable back-up communication channel  
(e.g. 4 locations per day when in roaming to save costs)
- Back-up power supply
- Proprietary protocol
- Integration with Wialon FMS platform
- Mobile app
- Supports 2 CAN protocols: FMS CAN data (J1939) and fuel CAN data (J1708)
  - mileage
  - speed
  - fuel level
  - engine speed
  - engine temperature
  - state of the ignition
  - vehicle status (ignition, doors, hood, brake pedal)
  - ability to extend the data set according to customer requirements

## Security Features

- GLONASS / GPS positioning
- GSM positioning
- Arming / disarming with the transponder tag (2,4 GHz)
- Panic button, emergency call to SOC
- Alarm transmission in case of security perimeter violation (doors, hood, trunk)
- Alarm transmission if ignition is switched on without authorization

- Alarm transmission if vehicle battery is disconnected
- Tow-away sensor (accelerometer)
- Wired engine cut
- Battery back-up power supply
- Service mode