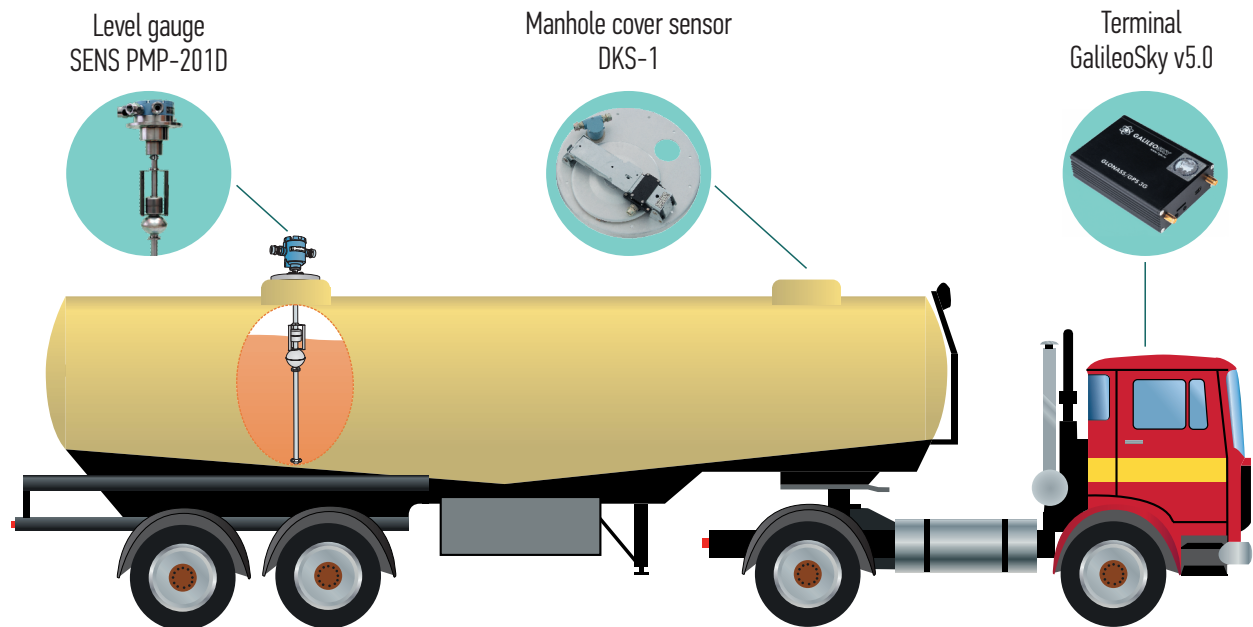


System purpose:

- reducing costs by optimization of transportation management;
- ensuring of transportation safety and prevention of fuel theft.

System components:

- high accuracy level gauge SENS PMP-201D
- position sensor for manhole cover DKS-1
- satellite monitoring terminal GalileoSky v5.0
- monitoring system Wialon



System operation:

The level gauge is installed onto tank trailer manhole cover using standard opening (61 mm) for overflow control sensor or using any suitable mounting place. Manhole cover position sensor is installed directly on the cover.

The system is powered from the truck supply power by nominal 12V or 24V DC voltage.

The level gauge SENS PMP-201 continuously measures level, temperature, density, volume and mass of fuel in the trailer tank and sends the data to the satellite monitoring terminal GalileoSky v5.0.

Additionally, the terminal receives the data from manhole cover position sensor DKS-1 (opened, closed, sealed, unsealed).

The terminal sends the data on location and speed of tank trailer, fuel parameters and manhole cover status to the satellite monitoring system Wialon.

The user of satellite monitoring system receives the information about location, speed and route of the tank trailer on the map, as well as information on fuel status and manhole cover position.

Satellite monitoring system can be accessed via PC web application, as well as Android and iOS apps.