

arvento®

FUEL SAFETY AND TRACKING SYSTEM

YOUR FUEL TANK IS SAFE 24/7

All concerns over fuel consumption control which is one of the most important expense items in transport sector and fuel safety disappear with **Fuel Safety and Tracking System** specially designed for this field by Arvento.

By taking your fuel tank under protection 360 degrees with **Arvento Fuel Safety and Tracking System**, you may track it via web or mobile, be informed on any occasion which could occur without your sight and so you may track and control your fuel tank and fuel costs 24/7.

Why Arvento Fuel Safety and Tracking System?

Arvento Fuel Safety and Tracking System is designed in order to prevent any ill-intentioned acts like stealing your fuel tank and to protect your fuel tank.

System analysis fuel consumption and driver's style at your vehicles via the available solutions and gives you the required information and reports to decrease fuel consumption.



WHAT IS IN THE SCOPE OF SYSTEM?

You Have the Control and Power with Arvento!

Through fuel solutions designed specially for your needs and developed with the experience of 1.000.000 vehicles of Arvento, you have the control of your fleet and fuel tank.

Fuel Info

CANBus Connection

Together with CANBus-AUX.VDM equipment, you can monitor remotely and prepare reports on information provided by your vehicle. Through that you manage your fleet and driver processes effectively.

Fuel Level Sensor (FLS)

It is Arvento's precise fuel measurement equipment to be used in vehicles and heavy construction equipment using diesel fuel. It provides push notifications over sudden level changes in fuel tank.

Fuel Safety

Fuel Safety Set (FSS)

Highest level of fuel safety is assured with the established system at three different points (Reservoir neck, float cap and bottom plug cap) in order to prevent misuse of fuel.

Efficiency Management

Safe and Economic Drive Application

Through Arvento Safe and Economic Drive Application, economic drive scores of drivers, engine rpm and speed tendencies are monitored and controlled. Thanks to this, safe drives are ensured, and fuel consumption is decreased among the company by preventing bad use of vehicles.

Mobil Application (Arvento Drive)

This is an application helping drivers to identify theirs and other colleagues' driving performances, safe and economic driving averages via mobile application. Safe drive scores enable an incentive system to improve their status both in terms of company and fleet.

Reporting and Briefing

Brief Reporting Screens

Fuel reports are summarized and simplified under main topics as stated below in order to meet the needs;

- Instantaneous vehicle fuel status
- Fuel consumption reports
- Fuel safety system reports
- Economic drive reports

Detailed Reporting

It helps you to monitor and analyse vehicle and fuel tank information affecting your fuel consumption, driver behaviours and vehicle use habits. Thereby it is ensured that you remove the reasons increasing fuel consumption.



BENEFITS ACQUIRED WITH SYSTEM

By means of benefits provided by Fuel Safety and Tracking System, it is not only to assure the safety of fuel tank but also the efficient fleet management.

FUEL SAFETY AND DETERRENCE

- You are immediately notified on any non-routine and outer intervention to your fuel tank
- Thanks to these notifications, you may get current and retrospective reports.

FUEL CONSUMPTION ANALYSIS

- You may measure fuel consumption, monitor changes in average use levels and by doing so, you may take measures required actions by identifying non-standard practices.
- You may analyse fuel consumption information with different engine parameters (idle running, rpm, accelerator, driver errors, etc.) and so you may identify factors affecting fuel consumption.
- You may monitor vehicle fuel tank levels in real time and thus you may effectively manage planning and fleet procedures.
- You may follow your information through simple and clear graphs

ECONOMIC DRIVE AND DRIVER IMPROVEMENT

- You may report driver behaviours and identify driver errors and behaviours causing unnecessary fuel consumption.
- You may classify your drivers in accordance with their behaviours and design training processes in line with that.
- You may get required outputs for your driver reward encouragement system.
- You may provide your drivers the opportunity to monitor themselves in the fleet with Arvento Drive mobile application. So that you may create a positive competition among drivers.
- You may monitor the improvement of drivers through the system.

EFFICIENCY

- You may increase much efficient fuel use thanks to driver behaviour monitoring by preventing misuses and driver errors.
- By including every driver into the system through mobile application, you may create a safe driving culture



Thanks to Arvento Fuel and Safety System, you can monitor and control the safety of your fleet 24/7 in addition to decreasing your fuel costs.

You have the power and control with Arvento!

WHAT ARE THE COMPONENTS OF FUEL TANK SAFETY KIT?

Thanks to the sensors on the fuel tank lids, the exact time and location of fuel lid opening can be controlled. Apart from the areas defined against fuel theft, an alarm will be enabled when the fuel lids are opened.



→ Filler Neck and Cap

It is manufactured in different dimensions and structures in accordance with the structural features of tank filler neck. The product only works with original cap with magnetic sensor.

→ Float Cap

It prevents an external access to fuel float. There is the option to have special manufacturing for heavy construction equipment, etc which are in non-standard sizes.



→ Bottom Plug Cap

It is a product to prevent external intervention to drain plug which is located at the bottom part of fuel tank.

→ Connector Box

It is the box to connect the wires coming from magnetic sensors located in fuel neck, float cap and bottom plug cap.

→ Amplifier Apparatus

It is a by-product to be used because of the physical structure of some vehicle tanks.

→ Fuel Level Sensor

Fuel levels and fuel consumption can be tracked through this sensor which is placed on external fuel tanks of articulated lorries, trucks and similar vehicles. It sends an alarm in case of a sudden increase or decrease in fuel level. Fuel level activity could be tracked through up-to-date and retrospective reports.



Filler Neck and Cap



Float Cap



Connector Box



Bottom Plug Cap



Amplifier Apparatus



Fuel Level Sensor