



ENAIKOON fuel-tracker

Monitor fuel consumption and tank contents of vehicles / construction machinery

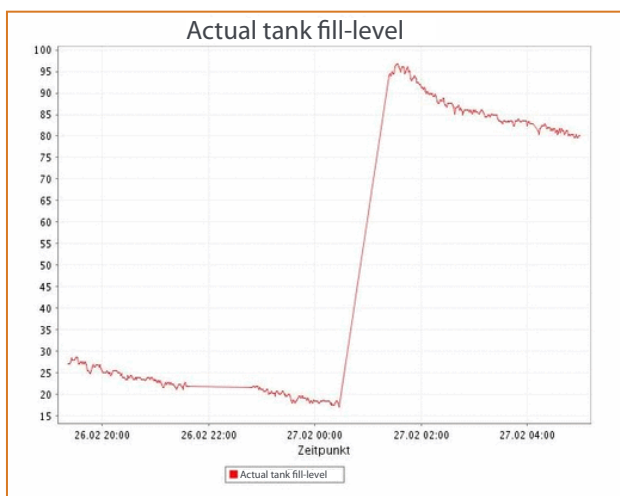
Fuel costs are the highest variable cost block for many fleet operators and construction companies. In addition, there is the widespread crime of fuel theft, which can cause high costs.

ENAIKOON fuel-tracker is the perfect solution for monitoring the fuel consumption and tank contents of vehicles and construction machinery.

ENAIKOON fuel-tracker consists of an extension of ENAIKOON fleet-control-web as well as compact electronics. The current tank fill-level is recorded directly at the tank fill-level sensor of the vehicles and construction machinery. This data is transmitted together with the position data from the ENAIKOON positioning modules to the ENAIKOON M2M-commserver where it is processed.

In the vehicle list in ENAIKOON fleet-control-web, you will see clearly organised fuel-relevant data on each vehicle.

Tank fill-level over time:



Scope of services

The following data is displayed with the aid of ENAIKOON fuel-tracker:

- **Detection of fuel theft:**
The electronics makes it possible to query the tank fill-level independently of whether the ignition is switched on. As a result, it is possible to detect fuel theft even if the vehicle or construction machinery is switched off. To do this, the tank fill-level sensor is supplied with power from the telematics unit. You can be informed automatically and without any time delay by email or text message as soon as an unusually large quantity of fuel is consumed.
- **Recognition of the amount filled:**
The electronics recognise not only the consumption of fuel, but the amount filled as well. This makes it possible to detect discrepancies between the amount filled according to the receipt and the amount that is actually filled.
- **Continuous information on the distance till empty:**
The distance until empty is constantly calculated based on the average consumption from past and present tank contents. This way, your dispatcher can easily decide when and where the vehicle should be refueled. It may even be possible for the fuel to last until a cheaper country or a company petrol station with the best price is reached.

Vehicle group: Transporters

Display vehicle statistics: [dropdown]

Period from: 15 / 04 / 2010 00 : 00 : 00

Period to: 15 / 04 / 2010 15 : 05 : 31

Report: PDF XLS CSV

Display raw GPS data: [checkbox]

OK Create job

Vehicles (2)		Actual fuel level [liters]	Actual fuel level [%]	Remaining cruising range	Address	Analogue input details
<input type="checkbox"/>		403.67	36.70	1,345.56	67210/Niedermai/A35	
<input type="checkbox"/>		621.24	88.75	2,070.79	10587/Berlin/Pascalstraße 9	

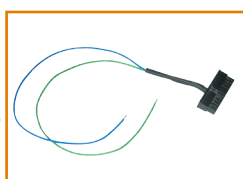
Required hardware

- Telematics unit
ENAIKOON locate-06



Technical possibilities for recording tank fill-levels

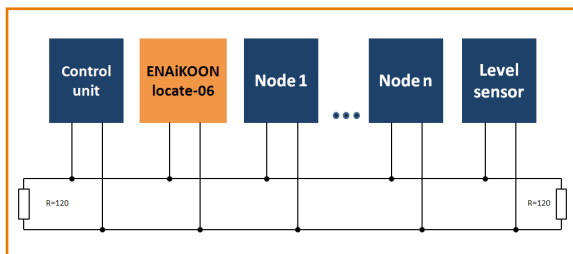
- Measuring cable to connect to the tank measuring transmitter of the vehicle as well as to the ENAIKOON telematics unit



- Ultrasound sensor for accurate recording of tank fill-levels



- Read-out of the CAN bus data with the ENAIKOON can-66 analysis tool



The vehicle list in ENAIKOON fleet-control-web is expanded to include the following columns:

- Actual fuel level (litres)
- Actual fuel level (% of tank volume)
- Remaining cruising range (km)

Actual fuel level [liters]	Actual fuel level [%]	Remaining cruising range	Vehicle
403.67	36.70	1,345.56	D-GH 5678
621.24	88.75	2,070.79	155335849

Supported tank sensors

All tank sensors are supported. The table will be updated on an ongoing basis.

Edit fuel sensor parameters			
Manufacturer specific fuel sensor (8)			
	Manufacturer ▲	Resistance at empty fuel tank	Resistance at full fuel tank
<input checked="" type="checkbox"/>	DAF	10.00	500.00
<input checked="" type="checkbox"/>	IVECO	311.00	20.00
<input checked="" type="checkbox"/>	MAN	73.00	8.20
<input checked="" type="checkbox"/>	Mercedes-Benz ab 10/2007	0.00	1,000.00
<input checked="" type="checkbox"/>	Mercedes-Benz bis 09/2007	3.00	180.00
<input checked="" type="checkbox"/>	Renault	240.00	33.00
<input checked="" type="checkbox"/>	SCANIA	10.00	180.00
<input checked="" type="checkbox"/>	VOLVO	240.00	33.00

Products and prices

Product	Part No.	Product Description	Price
ENAIKOON fuel-tracker web service	EFT-10-48 EFT-10-24	Enhancement of ENAIKOON fleet-control-web by ENAIKOON fuel-tracker contract duration 48 month contract duration 24 month	per vehicle per month 7.90 € 9.90 €
ENAIKOON fuel-tracker cable	ZUB-10-01	Measuring cable between ENAIKOON locate-06 and tank measuring transmitter of the vehicle	49.90 €
ENAIKOON fuel-tracker sensor	DIV-10-01	Ultrasound sensor for accurate recording of tank fill-levels	on enquiry