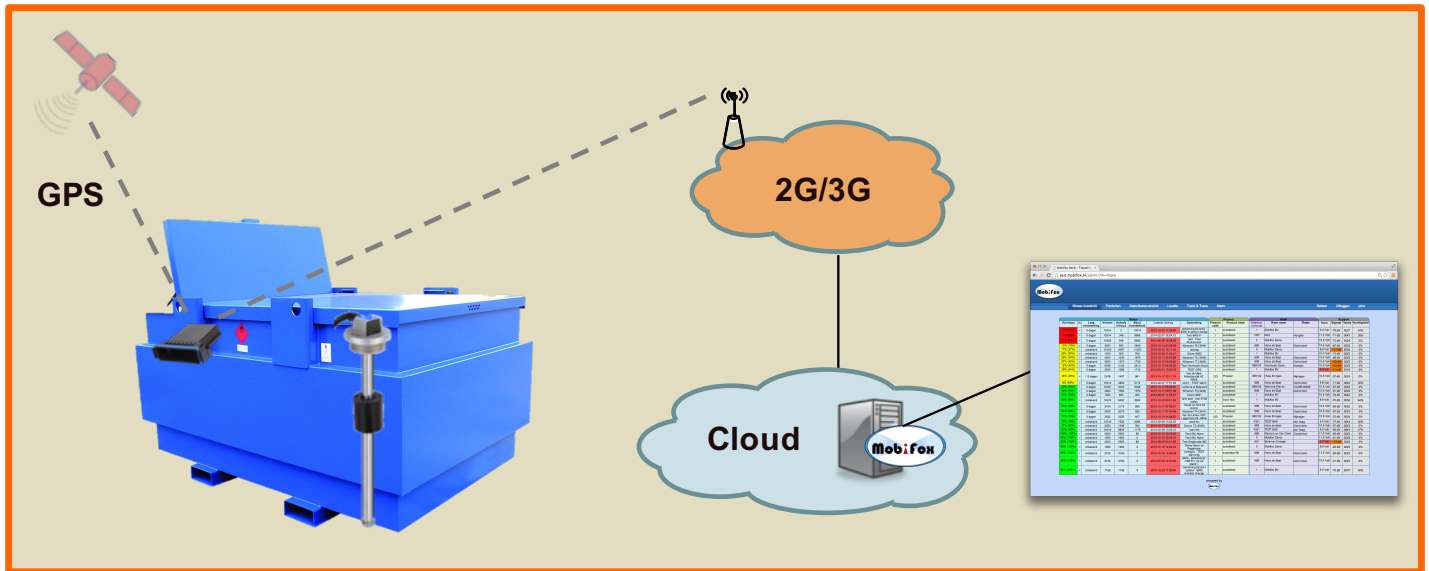


# Mobifox IBC



The Mobifox IBC solution provides a measuring - and tracking system for remote stock management and GPS position tracking of diesel tanks. Several advantages become available: Manual stock control is not necessary anymore. As a supplier, you become independent from others and control your own stock.

The chance that a tank runs empty is reduced to a minimum. The GPS-position of a tank is stated on a map. This will reduce time for finding tanks and the number of disappeared tanks will be reduced.

**The Mobifox IBC solution will make your delivery more efficient and secure. Your customers will love it!**

## Controller unit

Our unique PCB is housed in an industrial enclosure. The PCB including firmware is designed by Mobifox. It supports a lot of interfaces and protocols and makes it possible to develop custom made solutions on low cost and short time frame.

## Float – or pressure sensor

Mobifox distinguish itself by using a stainless steel float sensor. This is a ruggedized sensor very well suitable for IBC's. If float sensor cannot fit, we will use pressure sensors.

## Mobifox Cloud

All measured data is send wirelessly to the central cloud server. Mobifox uses 2G or 3G modems for a secure and reliable communication.

The Cloud application puts the row data into user friendly graphs and tables.

Alerts messages are easy to configure. A notification can be send when reaching a minimum level, a low battery, and inspection service.

## Interface to 3rd party applications

Mobifox Cloud can offer API's for easy integration to other systems.

## Specifications

Specs Mobifox PCB:		
Power	Internal power	6...12V
	External power	6...30V
Telit GSM-GPRS modem		Dual-band 900/1800 MHz
		GPRS class 10
Telit GPS module		Assisted GPS
		48-Channels
		-163dBm
Embedded sensors		Humidity
		Accellarometer
		Temperature
		4 x in 0-10000
		5 x I/O analog/digital
Interfaces		RS232
		RS484
		SPI
		I2C
LED		2-color
Press button		Activation, Soft-reset, Hard-reset
Polarity and over voltage protection		Internal power: max 16V at 200ms loaddump
		External power: max 40V at 200ms loaddump
Power usage	Active avarage	70mA
	Active GPRS session	150mA
	Active GPRS en GPS	200mA
	Low power mode	µA20
Industrial enclosure	IP range	IP67
	Temperature	-20°C ... +100°C
	Material	Polycarbonate
	Dimention	130x150x40

## Want to know more?

Please contact us:

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