Smart filling stations with Wialon

Problem

The specialists of Veltum-Zaporozhye LLC were facing certain difficulties when using the filling station located within the territory of the enterprise:

• The filling station operator was recording the fillings in a paper logbook which was taking a good deal of time;

• Data storage on paper is insecure;

• The operator was making mistakes while filling in the logbook which resulted in the discrepancy between the values specified on paper and how much fuel was actually given;

• The drivers were dumping fuel;

• One fuel pump was out of order.

Company profile

Country:
Ukraine

Industry:
Waste collection

Monitoring unit:
Filling station

Solution

Gurtam partner, UMT, upgraded and repaired the fuel pump: added the LED control panel, keyboard for configuring this panel and specifying the fuel portion, RFID scanner, and SmartBox 5.02 GPS terminal that transfers all the info to Wialon. Each driver got an RFID card. Without it, the driver won't be able to use the pump. If the driver isn't in the list in the device's memory, the pump won't work too.

Implemented products

Wialon

Result

Time spent on report generation decreased
by 90%

Overall fuel costs reduced
by 5%

Drivers' and operators' fuel-fraud schemes **couldn't work** anymore

Labor costs **reduced**, as well as the role of the human factor