



Preventing road accidents with Wialon

Problem

The big vehicle fleet operator from St. Petersburg (Russia) was facing the issue of frequent road accidents. It affected the carrier's reputation, the insurance expenses and payments to the victims were rising as well as the vehicles repair costs after the accident.

Solution

Global Position, the Gurtam partner, developed a complex Wialon-based solution that consists of the following components:

Wialon + GPS tracker + Mobileye ADAS solution + "Antisleep" device

- **Mobileye** is the hardware and software system that uses a video sensor and unique algorithms to detect and analyze traffic conditions, scan the road and define its users, measure the speed and distance relative to other road users, locate the position of the bus within the traffic lane.
- **"Antisleep"** device is installed inside the driver's compartment. It is another camera that monitors the driver, his well being, and behavior (smoking, sleeping, fatigue, talking on the phone, distracting from the road).
- **Galileosky 7.0, a compact GPS terminal** transfers all the data from the sensors and other devices to Wialon.

Implemented products

Wialon Hosting

Result

After the first four months of use:

Insurance payments reduced
by 55%

Fuel expenses were reduced
by 10%

Driver behavior and discipline were improved
by 100%

Accidents expenses were cut down
by 60%

Company profile

Country:
Russia

Industry:
Passenger transportation

Monitoring unit:
Passenger vehicle