Business cases around the globe

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1 Yalla Bus App from Beirut

Challenges

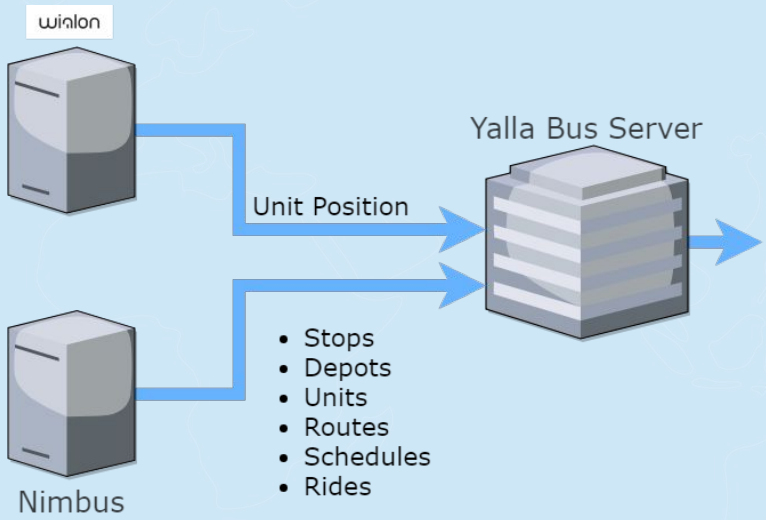
- 80% People use private transport
- 20% People public transport
- Pollution and Congestion
- Lack of information of schedules and routes

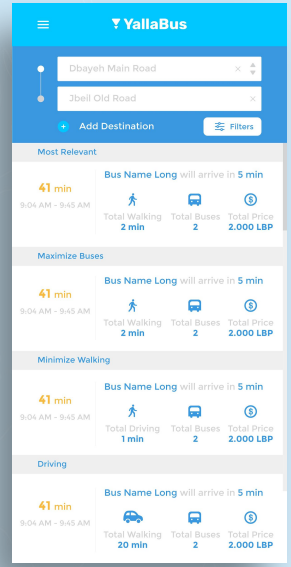
1 Yalla Bus App from Beirut

Implementation

Server and App for commuters to check:

- Availability
- Schedules
- Routes
- Wialon API + Nimbus

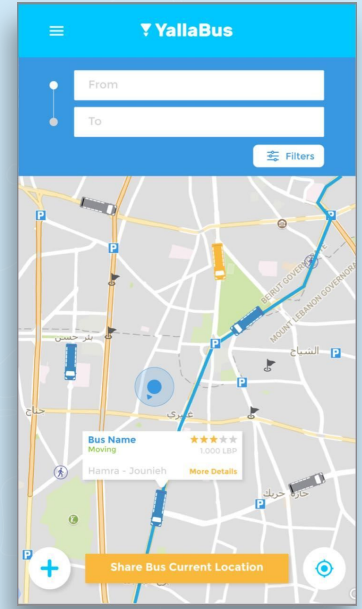




1 Yalla Bus App from Beirut

Results

- Potential of **6500** Buses
- End user App to Display Routes and stops.
- Future displays solutions
  - Bus stops schedules
  - **Next Stop** display onboard



2 Railway industry monitoring in Bulgaria

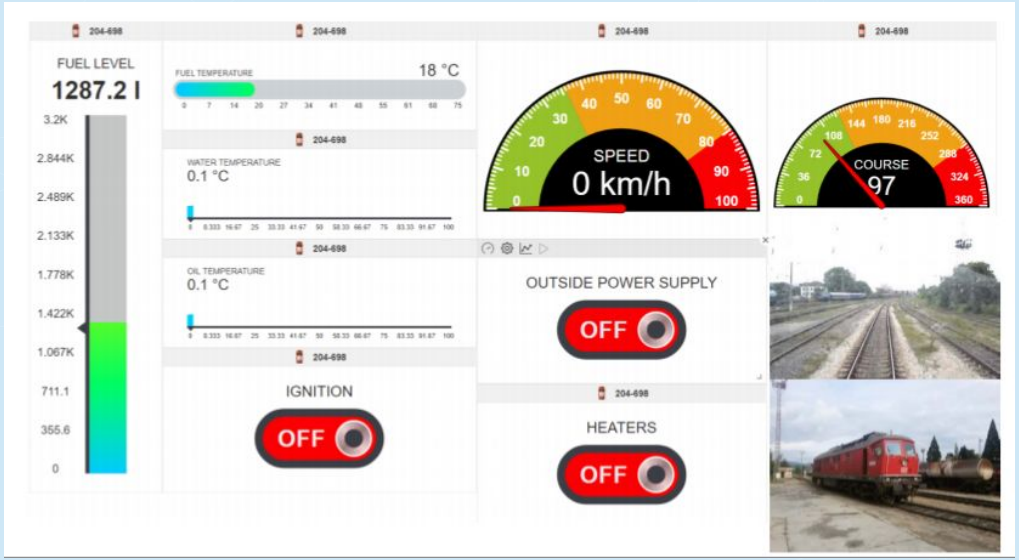
Challenges

- High operational costs
- Ineffective route planning
- High risks in case of a human error
- High carbon emission

2 Railway industry monitoring in Bulgaria

Implementation

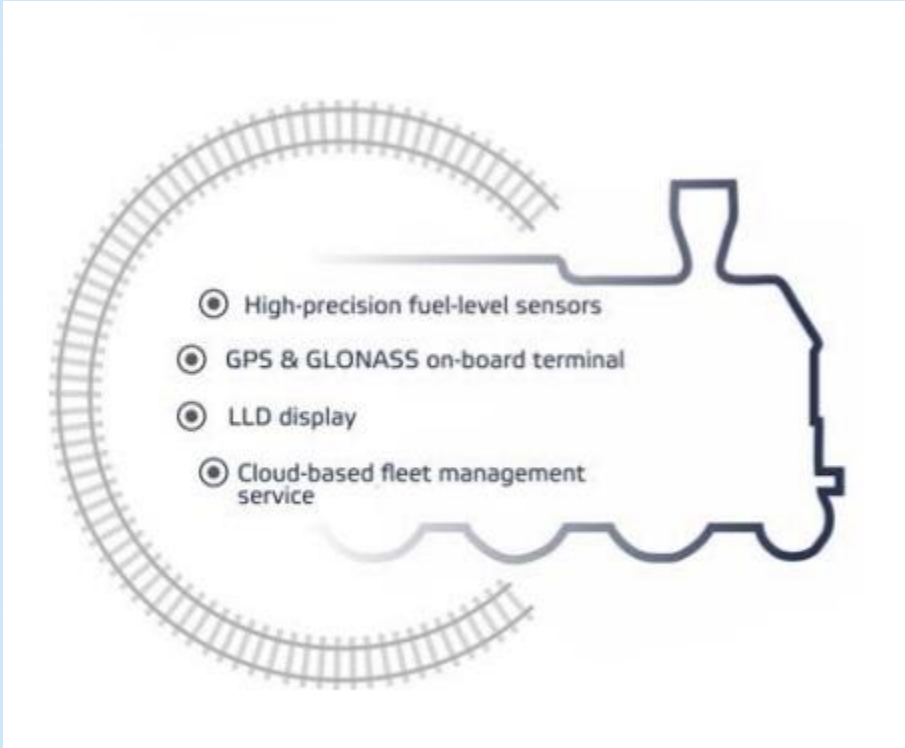
- Tracking devices
- MDVRs with 2 cameras
- FLS and temperature sensors
- 24/7 control in Sensolator
- KPI analysis in Dashboard
- Route control in Monitoring interface
- Alarms on LLD in the cockpit



2 Railway industry monitoring in Bulgaria

Results

- Fuel consumption is reduced by 24%
- Idling is reduced by 18%
- Increased route planning efficiency
- Carbon emission is reduced by 20 %



3 Vessel tracking in the Amazon Rainforest

Challenges

- High costs of telematics service from previous TSP
- High installation costs
- Slow installation speed
- Increased level of unauthorized vessels

3 Vessel tracking in the Amazon Rainforest

Implementation

- Creation of infrastructure in the Amazon area
- Training of local people for faster installation
- Integration of Wialon with the government system
- Routes on Wialon

3 Vessel tracking in the Amazon Rainforest

Results

- Decreased tracking service cost
- Increased installation speed
- Decrease in number of unauthorized boats
- Full control of the vessel, its route, cargo, passengers in real time
- Creation of job opportunities for local people

4 Door-to-door delivery of printed ads in the USA

Challenges

- Regular delivery failures
- Lack of supervision over agents
- Insufficient level of response data from the specific audience

4 Door-to-door delivery of printed ads in the USA

Implementation

- GPS tracker with SOS button
- Geo-fencing and trip/battery status reports
- Notifications on battery status

4 Door-to-door delivery of printed ads in the USA

Results

- Time-efficient and automated delivery control
- Rational allocation of resources
- Higher standards of delivery in terms of reaching the right audience

5 School Passengers Transportation in Colombia

Challenges

- No information on location of the bus
- Poor routing
- No information on bus vitals
- Driver information validation

5 School Passengers Transportation in Colombia

Implementation

- Pre-check of the vehicle before the route
- Creation of authorized routes
- Real-time data for the authorities
- Verification of of drivers and busses

5 School Passengers Transportation in Colombia

Results

- Full awareness of the authorities on the status of vehicle
- Using only authorized routes in and monitoring real time
- Obligatory use of GPS on all school busses
- Plate number check

Q&A

6 Wialon Logistics with Wialon API

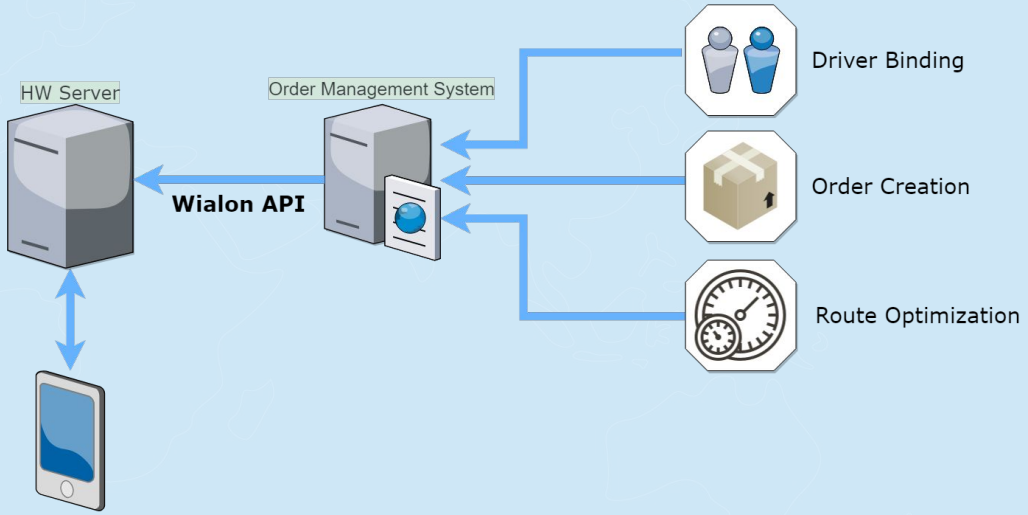
Challenges

- Manage Driver schedules
- Create orders without position
- Manually correct positions
- Dispatch routes to Vehicles
- Notify Manager on Visiting Destination

6 Wialon Logistics with Wialon API

Implementation

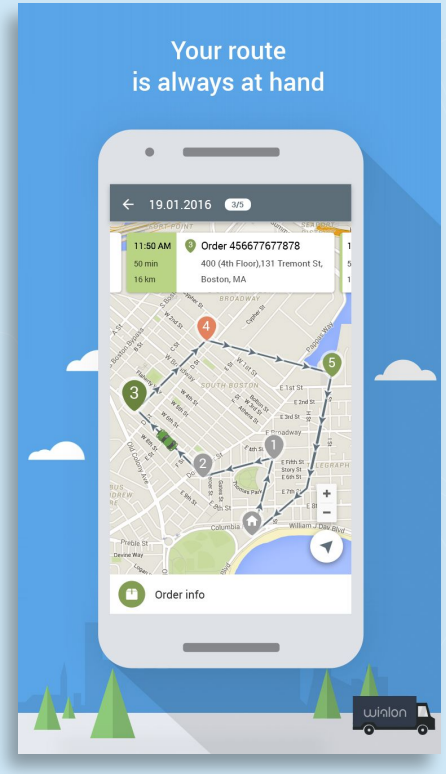
- Drive binding [Over API]
- Order Creation without positions [Over API]
- Position entry [With Logistics UI]
- Create Geofence for each order [Over API]
- Monitor changes in orders [Over API]



6 Wialon Logistics with Wialon API

Results

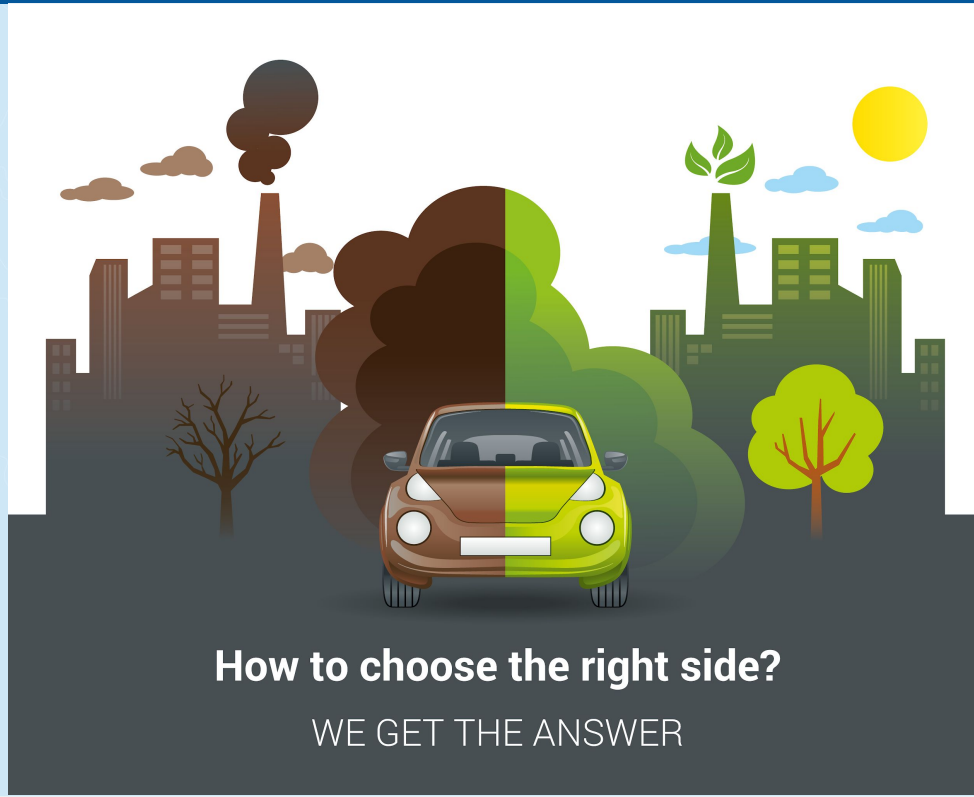
- Use existing Wialon Logistics Mobile App
- Automatic Dispatch of orders from Legacy ERP systems
- Option to Manually enter location
- Precise information on ETA



7 Switching to electric vehicles in Italy

Challenges

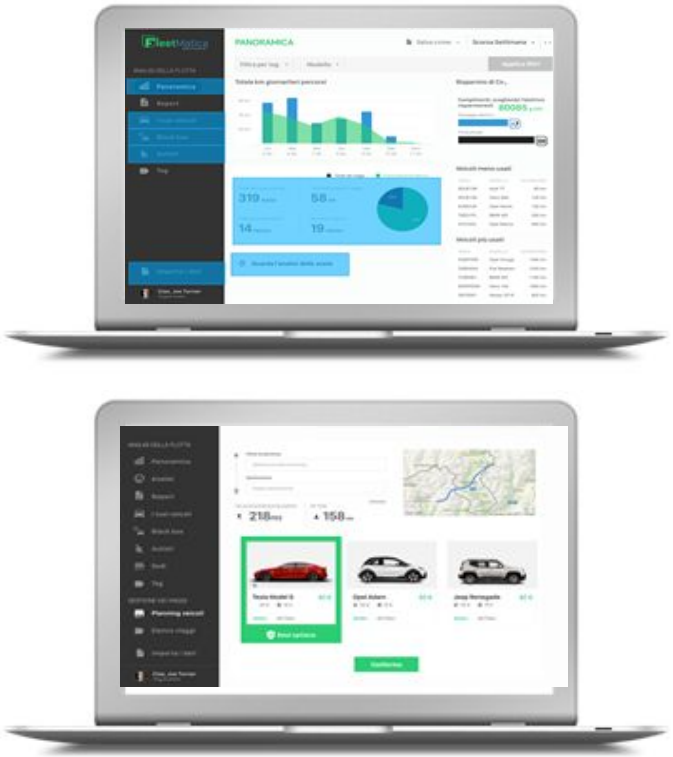
- High carbon emission
- Inability to compare efficiency of petrol and electric vehicles
- High wrong investment risks



7 Switching to electric vehicles in Italy

Implementation

- Development of a friendly UI
- Integration with Wialon Hosting
- Integration with weather and traffic databases
- OBD II devices in petrol vehicles
- Data collection from existing fleet
- Electric Equivalent autonomy calculation
- Advice on vehicle type choice



7 Switching to electric vehicles in Italy

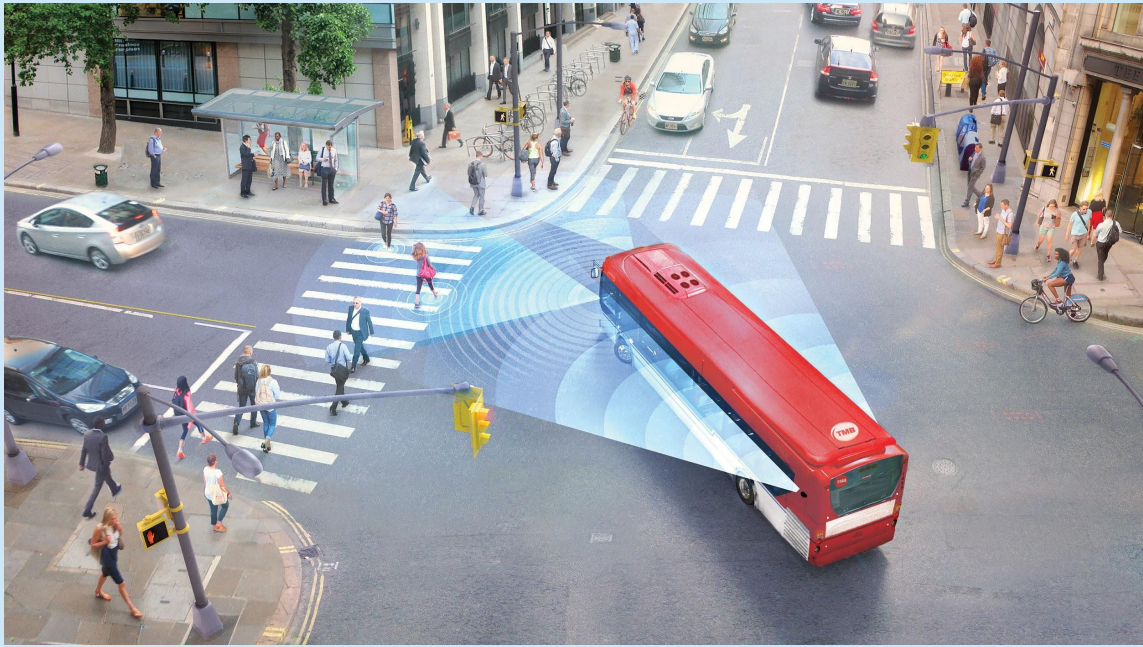
Results

- Reduced carbon emission
- Increased fleet efficiency
- Scientifically based investment
- Creation of the customer base for the partner

8 Road accidents prevention in Russia

Challenges

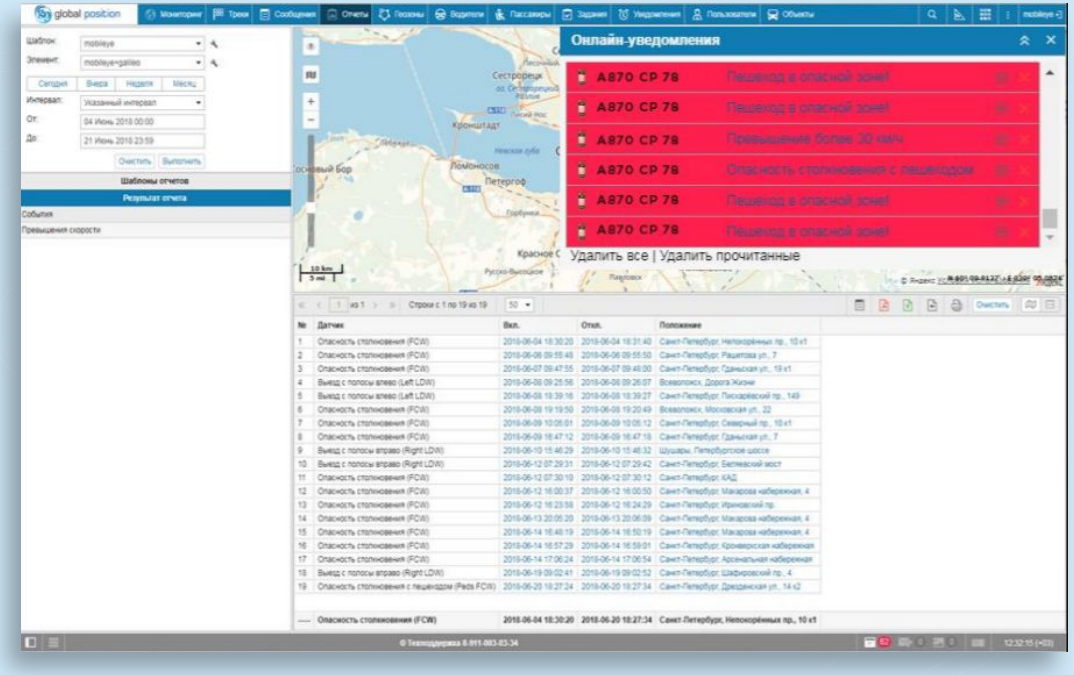
- Poor driving behaviour
- Increase in road accidents
- Increased insurance costs



8 Road accidents prevention in Russia

Implementation

- Notifications on lane departure, front collision, pedestrians collision events
- Driving behaviour report combined with the events above
- GPS terminal
- MobileEye hardware



8 Road accidents prevention in Russia

Results

- First contract for 40 buses
- Decrease in road accidents
- NimBus upselling potential

9 Enhanced fleet management project in Indonesia

Challenges

- High operational costs
- Fuel thefts due to unauthorised stops
- Ineffective delivery process
- High percentage of product spoilage

9 Enhanced fleet management project in Indonesia

Implementation

- Trip monitoring using dynamic groups and notifications
- Route management
- GPS devices
- Fuel level sensors
- Temperature sensors

9 Enhanced fleet management project in Indonesia

Results

- Operational costs optimization
- Improved fleet utilization
- Reduced arrival time
- Product quality assurance
- Enhanced customer experience

10 Logistics for Laboratories in Argentina

Task

- To create controlled and effective routes for collection of laboratory samples

Challenges

- Proper allocation of 20+ vehicles to collect blood samples daily
- No clear routes for collection
- Drivers lying about their location, stops and
- No clear collected sample count

10 Logistics for Laboratories in Argentina

Implementation

- Creating routes that indicate stops that drivers must make using Logistics
- Using geofences to inform when drivers make their stops
- Notifying health centers when the vehicle approaches for pickup
- Registration of samples collected at each stop

10 Logistics for Laboratories in Argentina

Results

- Drivers receive all the information of routes and stops in advance through the Logistics app
- Laboratory has full control of the routes and stops without problems or complications
- Time efficiency increase thanks to ETA
- Workload allocation as laboratories know the sample count

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Thank you for your attention!