

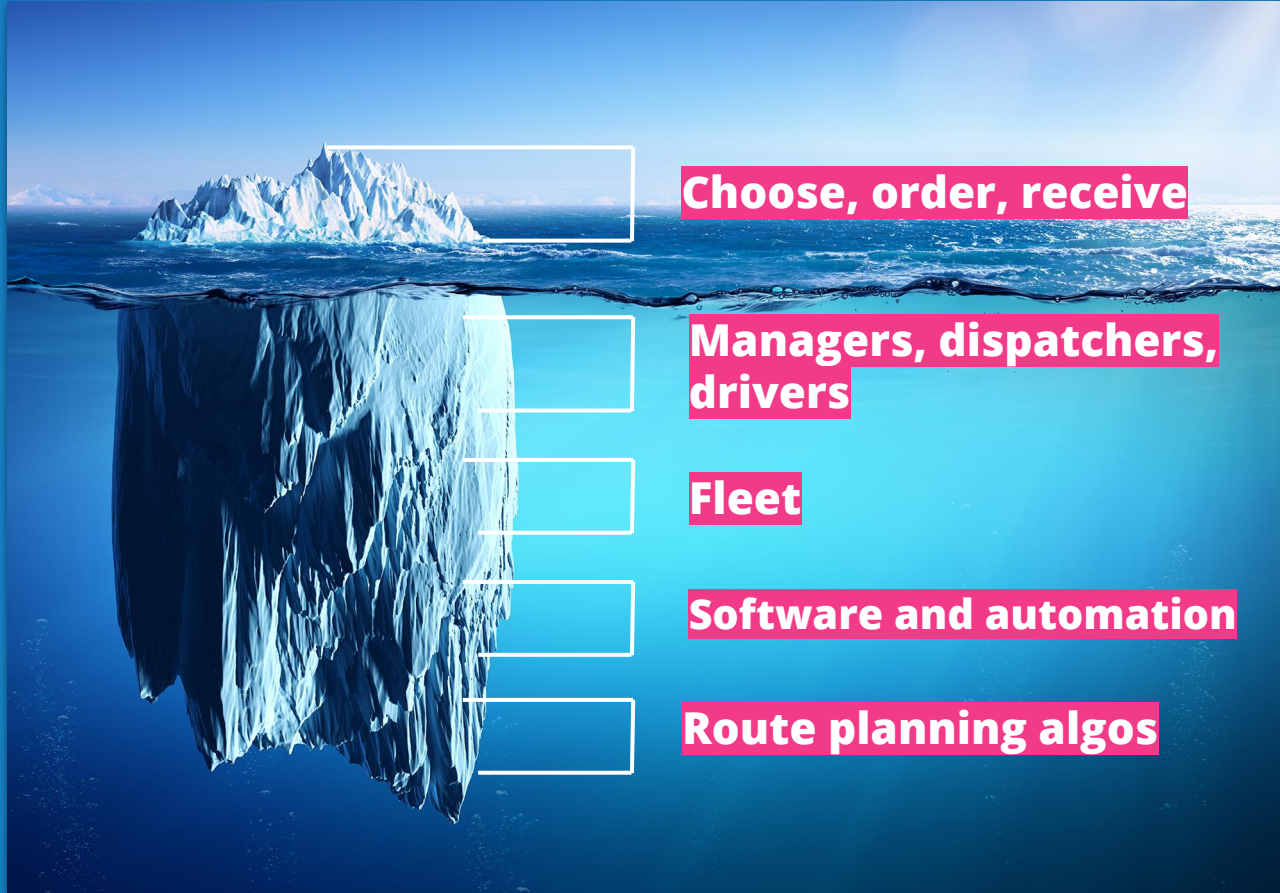
Telematics impact on the delivery services

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What's under the hood of delivery?



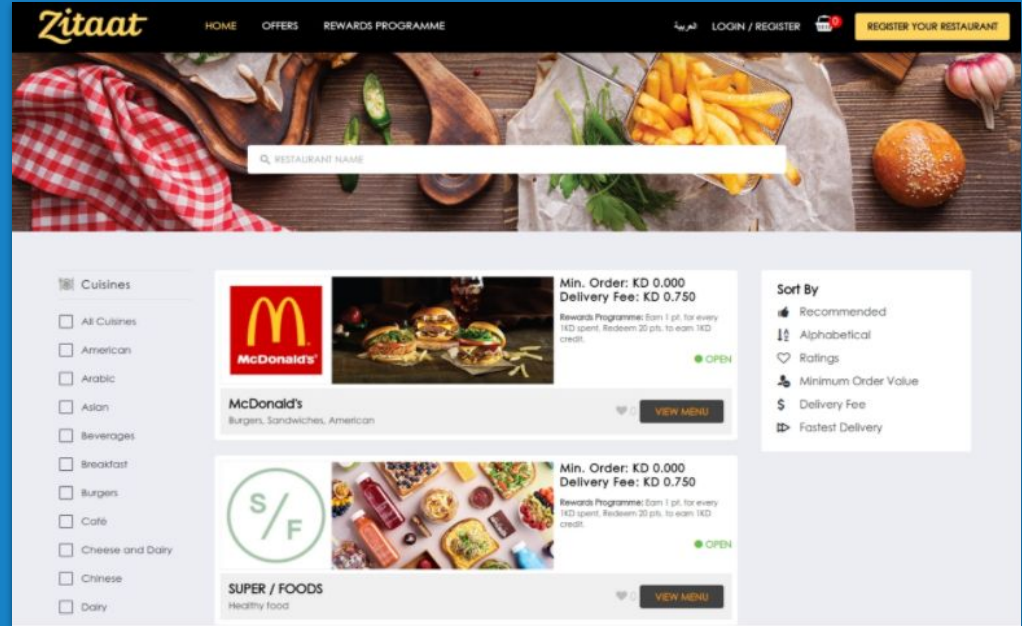
The global delivery market **has grown by 7%** in 2020 in comparison with the same period in 2019



Use case: delivery monitoring in Kuwait

Customer profile

- Zitaat, major ordering and delivery platform in Kuwait
- Works with international restaurants and food chains like McDonald's, Dip'n'Dip, and Arby's
- Provides not only an online platform but also delivery vehicles serving specific restaurants



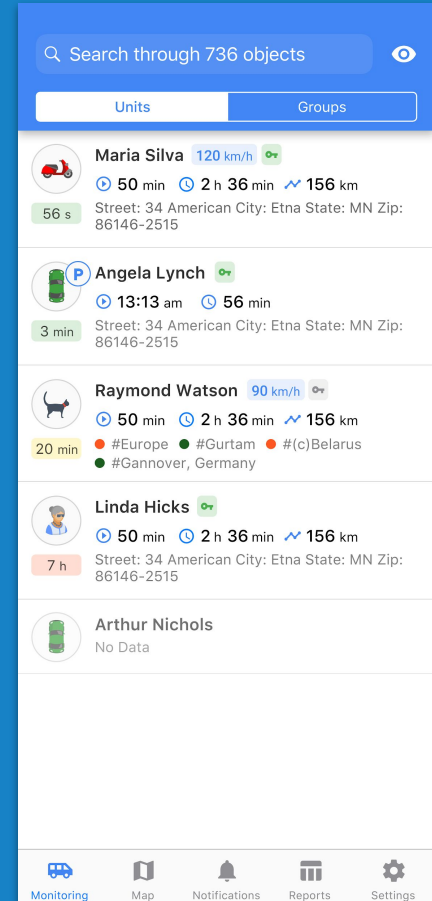
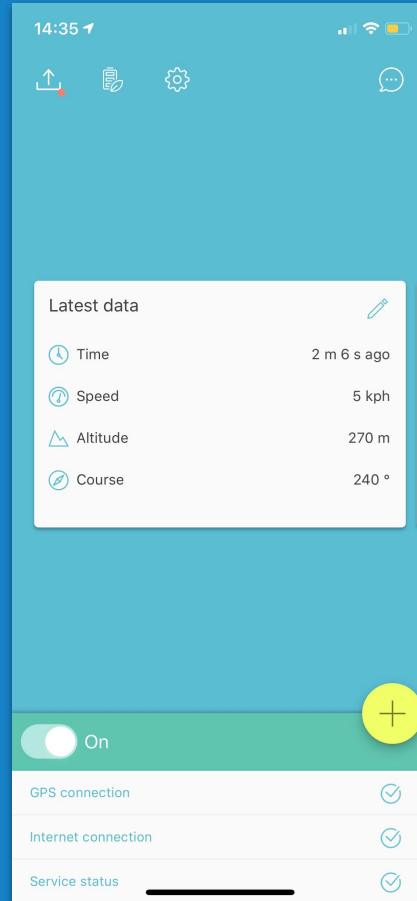
Project details

- **500+** delivery vehicles moving non-stop 24/7
- Zitaat wanted to access **one-year history** of delivered orders
- Project should be implemented within **two weeks**



Telematics solution from partner

- Wialon API for integrations
- WiaTag (replaces GPS trackers)
- Mobile app for Wialon



ID	Status	Geofence	Alert	Driver	Job	Unit
94179312	...	📍	🟢	🟢	🟡	🚗
92260726	...	📍	🟢	🟢	🟡	🚗
85041949	...	📍	🟢	🟡	🚫	🚗
85939255	...	📍	🟢	🟢	🟡	🚗
85915841	...	📍	🟢	🟢	🟡	🚗
85875998	...	📍	🟢	🟢	🟡	🚗
85964929	...	📍	🟢	🟢	🟡	🚗
90942792	...	📍	🟢	🟢	🟡	🚗
65873581	...	📍	🟢	🟡	🚫	🚗
85979181	...	📍	🟢	🟢	?	🚗
89038254	...	📍	🟢	🟢	?	🚗
89062375	...	📍	🟢	🟢	?	🚗
85782209	...	📍	🟢	🟢	🟡	🚗
85728348	...	📍	🟢	🟢	🟡	🚗
85191041	...	📍	🟢	🟡	🚫	🚗
94189597	...	📍	🟢	🟢	🟡	🚗
94063275	...	📍	🟢	🟢	?	🚗
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92290734	...	📍	🟢	🟢	🟡	🚗
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92260881	...	📍	🟢	🟢	🟡	🚗
92295054	...	📍	🟢	🟢	🟡	🚗







Results

- 500 vehicles were connected to Wialon within **one week**
- **Online monitoring** allows dispatchers to control location and routes of units 24/7
- The solution provides access to a **year-long history of orders**



Telematics influence in this project

-  Zitaat can process more orders and increase the revenue, though the fleet size remains the same
-  Quick project implementation allowed to save money

-  The increase of the customer satisfaction level and the level of the service
-  The processes are optimized and the delivery time is improved

Use case: pharmaceutical transportation in Sri Lanka

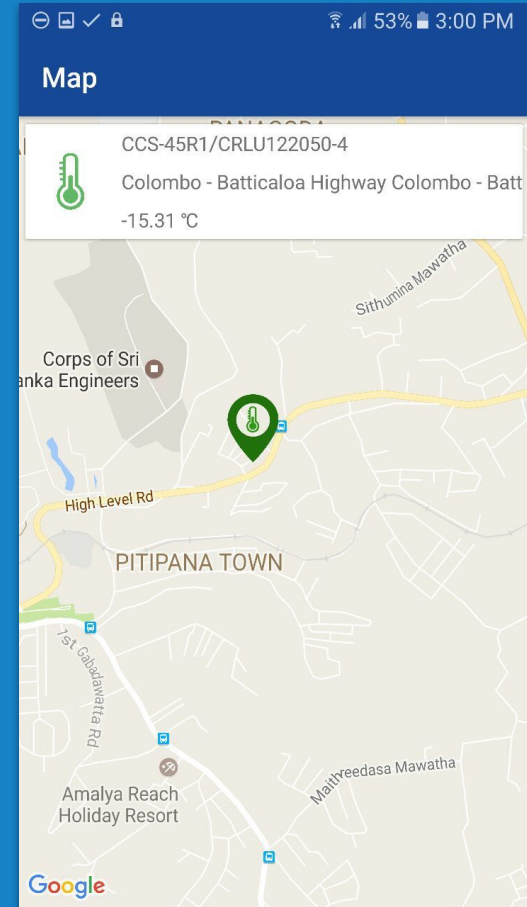
Project challenges

- Cargo must remain intact during moving units and warehouses
- Pharmaceuticals are stored and shipped in refrigerated boxes. Temperature in each package should be controlled independently
- Boxes may slip or drop during transportation. It may result in accidental opening



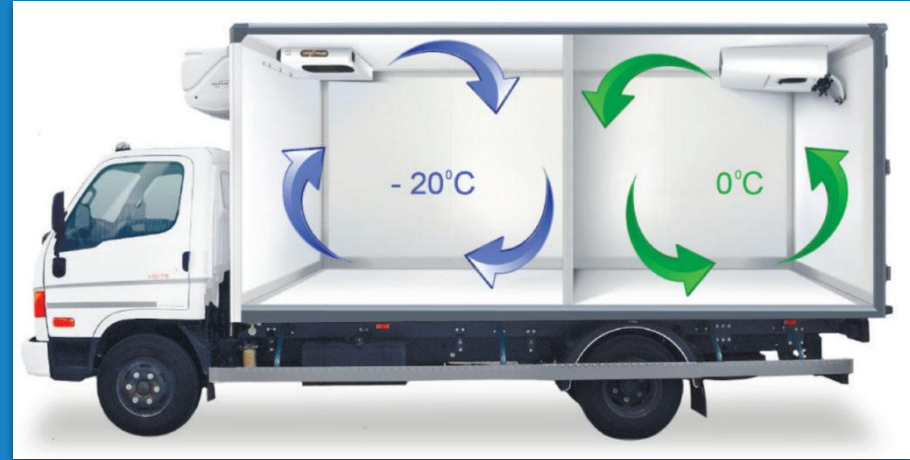
The solution: temperature control

- Wireless temperature and humidity sensors connected to Cellotrack Nano by Pointer
- Sensolator
- Wialon-based EMS app designed by KLOUDIP



The solution: cargo safety

- Temperature and humidity sensors
- Door opening detection hardware with the vibration alarm option



Project results



Online tracking of each individual container



Tracking the temperature, humidity, vibration and other parameters for containers



Tracking data available for carrier and consignors



Telematics influence in this project



Telematics saved funds, as the clients don't lose money because of damaged or spoiled drugs anymore



The drugs are delivered on time



The solution met the specific requirements not only of the carrier, but of all the consignors

Advantages of telematics usage for delivery services



Minimizing
delivery time



Minimizing
travel time



Minimizing the
number of vehicles



Increasing the
revenue



Ensuring cargo
safety



Cutting the costs



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**Thank you
for your attention!**