Cases from around the globe

GURTAM

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1. Diesel Generators Monitoring from Africa

Challenges:

- Monitoring of diesel level and power supply in diesel generators

1. Diesel Generators Monitoring from Africa

Implementation:

- Fuel level sensor to measure
- Sensolator to visualize
- Alerts to get notified

1. Diesel Generators Monitoring from Africa

Result:

- Easy way to monitor
- Savings on manpower
- Less blackouts

2. Pharmaceuticals transportation from Sri Lanka

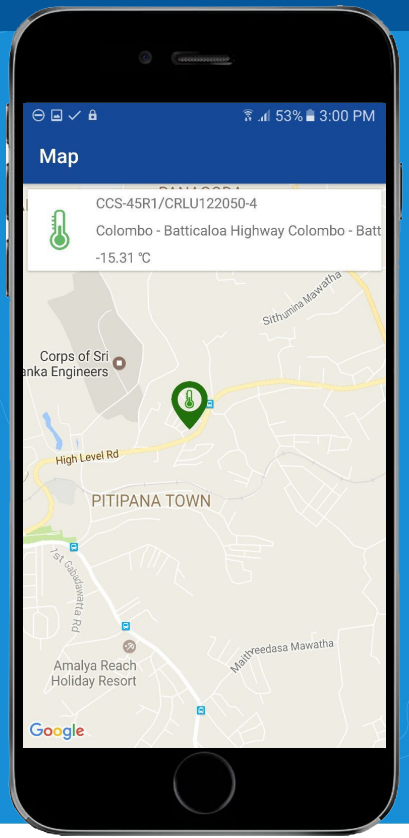
Challenges:

- Temperature requirements control and safety control during transportation
- Independent temperature control in each package
- Monitoring in real time

2. Pharmaceuticals transportation from Sri Lanka

Implementation:

- Wireless temperature and humidity sensors (16 per device)
- Separate interface for a dispatcher and a consignor to track cargo throughout the way
- Door opening detection hardware with vibration alarm option



2. Pharmaceuticals transportation from Sri Lanka

Result:

- 30 reefers
- increased the integrity and efficiency of critical supplies deliveries
- raised customer service standards

3. Consumer Electronics Monitoring from Russia

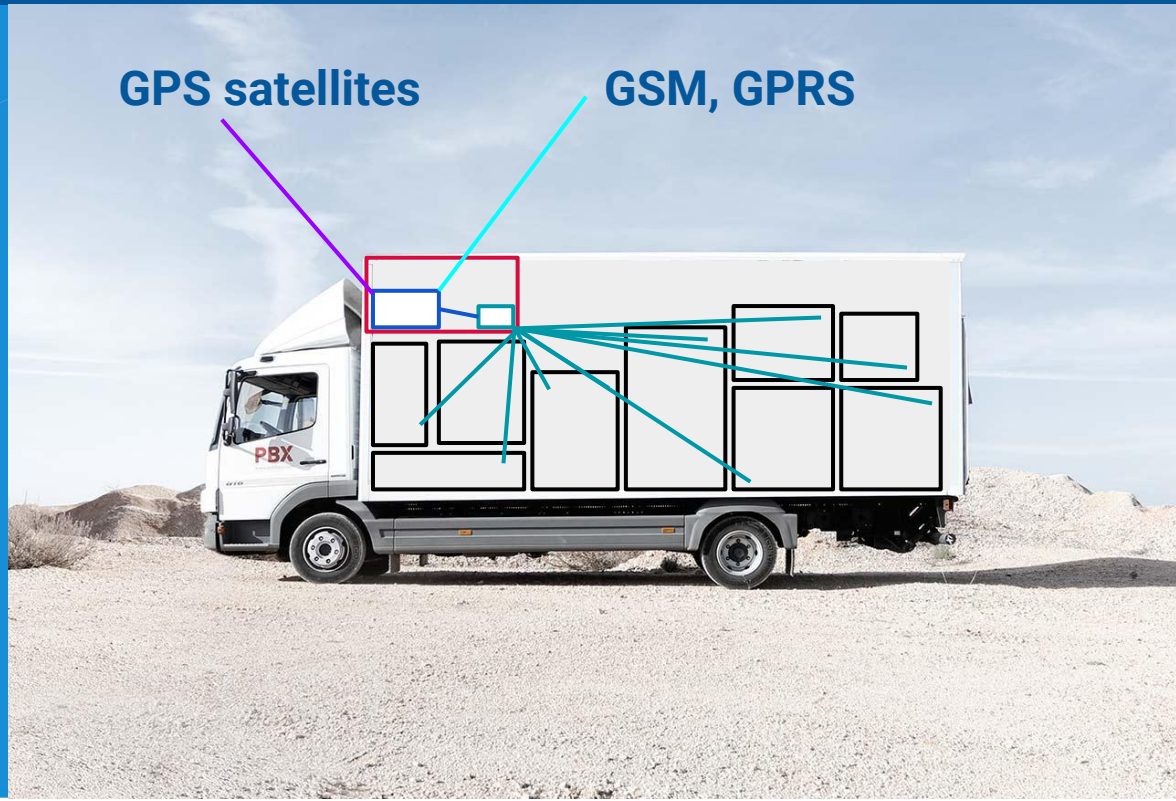
Challenges:

- Prevention of thefts during transportation

3. Consumer Electronics Monitoring from Russia

Implementation:

- RFID reader
- Active RFID tags
- Notifications



3. Consumer Electronics Monitoring from Russia

Result:

- Ensure the continuity of supply
- Low price solution

4. RAG Report for Oil and Gas from Iraq

Challenges:

- Different platforms
- SAP integration
- RAG driver scorecard

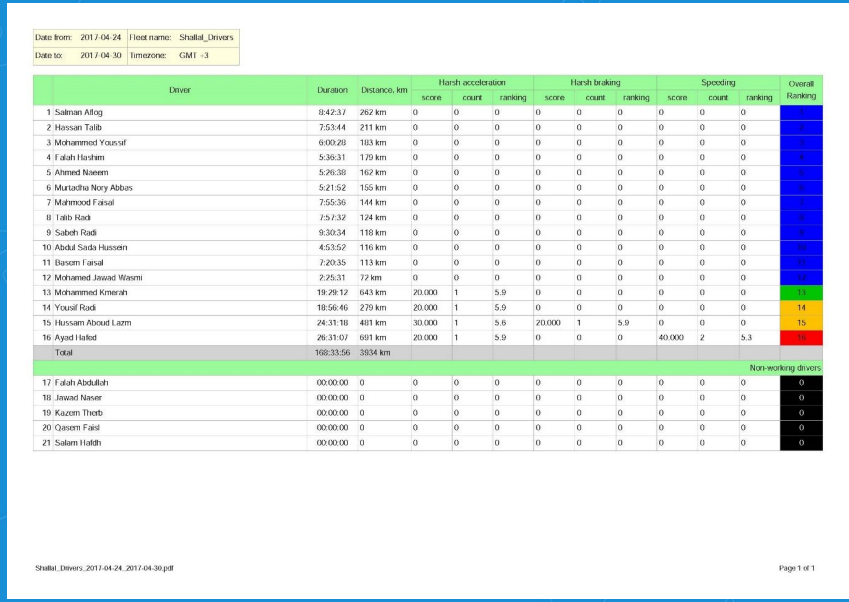
4. RAG Report for Oil and Gas from Iraq

Implementation:

- Multiple types of HW integrated
- Eco-driving table via API

color-coding

- API to integrate with SAP



Date from:	2017-04-24	Fleet name:	Shallal_Drivers
Date to:	2017-04-30	Timezone:	GMT +3

	Driver	Duration	Distance, km	Harsh acceleration			Harsh braking			Speeding			Overall Ranking
				score	count	ranking	score	count	ranking	score	count	ranking	
1	Salman Aflog	8:42:37	262 km	0	0	0	0	0	0	0	0	0	1
2	Hassan Talib	7:53:44	211 km	0	0	0	0	0	0	0	0	0	2
3	Mohammed Youssif	6:00:28	183 km	0	0	0	0	0	0	0	0	0	3
4	Falah Hashim	5:36:31	179 km	0	0	0	0	0	0	0	0	0	4
5	Ahmed Naeem	5:26:38	162 km	0	0	0	0	0	0	0	0	0	5
6	Murtadha Nory Abbas	5:21:52	155 km	0	0	0	0	0	0	0	0	0	6
7	Mahmood Faisal	7:55:36	144 km	0	0	0	0	0	0	0	0	0	7
8	Talib Radi	7:57:32	124 km	0	0	0	0	0	0	0	0	0	8
9	Sabeh Radi	9:30:34	116 km	0	0	0	0	0	0	0	0	0	9
10	Abdul Sada Hussein	4:53:52	116 km	0	0	0	0	0	0	0	0	0	10
11	Basem Faisal	7:20:35	113 km	0	0	0	0	0	0	0	0	0	11
12	Mohamed Jawad Wasmi	2:25:31	72 km	0	0	0	0	0	0	0	0	0	12
13	Mohammed Kmerah	19:29:12	643 km	20.000	1	5.9	0	0	0	0	0	0	13
14	Yousif Radi	18:56:46	279 km	20.000	1	5.9	0	0	0	0	0	0	14
15	Hussam Aboud Lazm	24:31:18	481 km	30.000	1	5.8	20.000	1	5.9	0	0	0	15
16	Ayad Hafed	26:31:07	691 km	20.000	1	5.9	0	0	0	40.000	2	5.3	16
	Total	168:33:56	3934 km										
													Non-working drivers
17	Falah Abdullah	00:00:00	0	0	0	0	0	0	0	0	0	0	0
18	Jawad Naser	00:00:00	0	0	0	0	0	0	0	0	0	0	0
19	Kazem Thorb	00:00:00	0	0	0	0	0	0	0	0	0	0	0
20	Qasem Faisl	00:00:00	0	0	0	0	0	0	0	0	0	0	0
21	Salam Hafdh	00:00:00	0	0	0	0	0	0	0	0	0	0	0

Shallal_Drivers_2017-04-24_2017-04-30.pdf

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4. RAG Report for Oil and Gas from Iraq

Results:

- No devices replaced
- Extra earnings on consulting and integration

5. Mobile public bus app from Lebanon

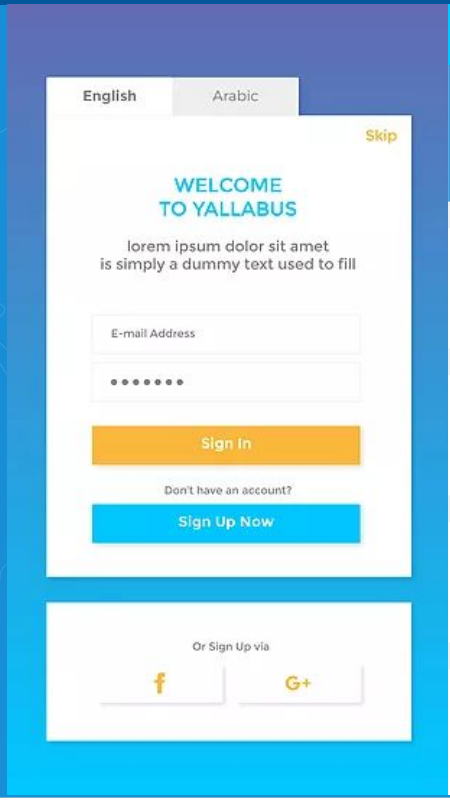
Challenges:

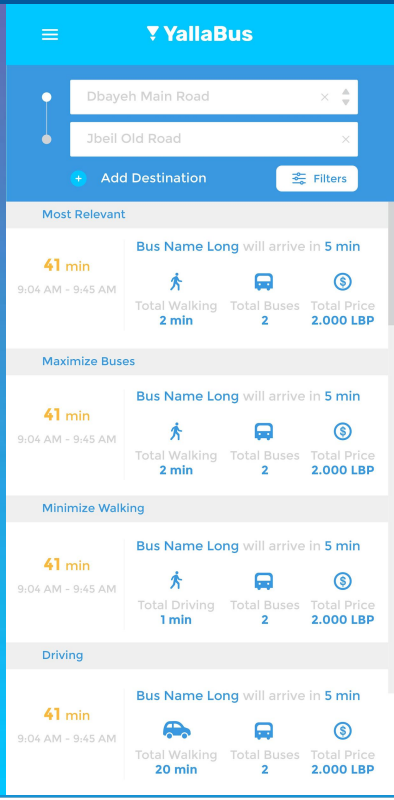
- Traffic congestion (81% of Lebanese prefer using own cars, 2017)
- Parking issues ($7 per day)

5. Mobile public bus app from Lebanon

Implementation:

- App for users YallaBus (UBER-like: locate, book, pay)
- Operator interface (routes, schedules)
- Wialon Javascript API





5. Mobile public bus app from Lebanon

Result:

- Making public transportation attractive
- Convenience for users

6. Cement delivery and fleet inspection from Uganda

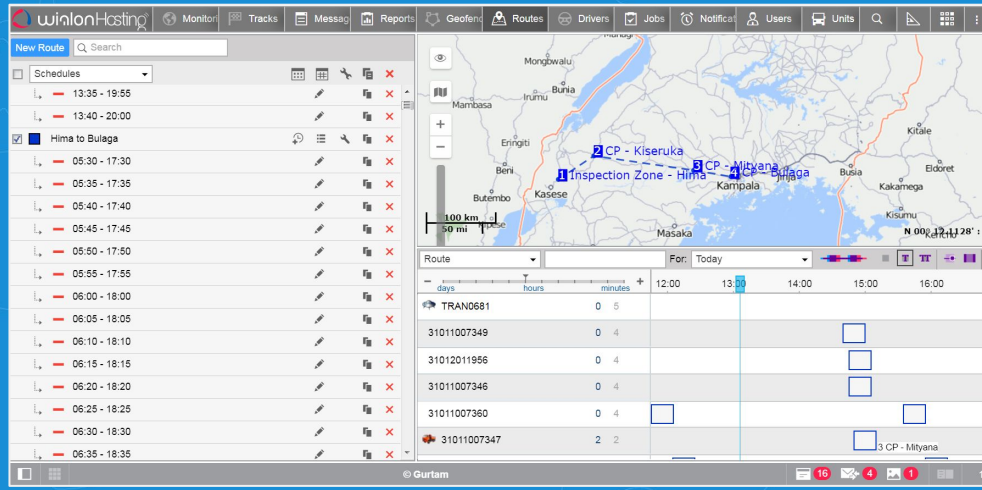
Challenges:

- Planning cement delivery
- Automatization of checks of fleet compatibility with LafargeHolcim standards
- Video surveillance of drivers

6. Cement delivery and fleet inspection from Uganda

Implementation:

- Routes module
- Events Register
- Custom mobile app
- KP1 from SmartWitness



6. Cement delivery and fleet inspection from Uganda

Result:

- Delivery optimization
- New Wialon feature implementation
- Inspection digitizing / Paperwork reduction
- Driver behavior improvement

7. Petrol station monitoring from Ukraine

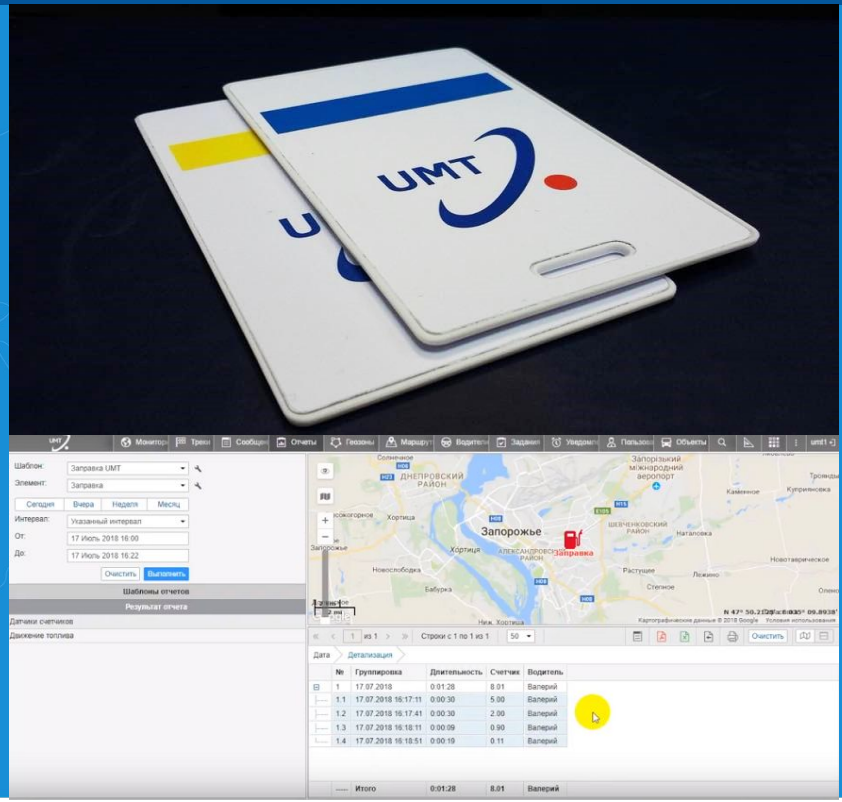
Challenges:

- Manual fillings registration
- Mistakes in documentation
- Increased staff costs
- Frauds with fuel

7. Petrol station monitoring from Ukraine

Implementation:

- Fuel traffic report
- RFID tags and readers
- LED display and keyboard
- Flow meter sensor



7. Petrol station monitoring from Ukraine

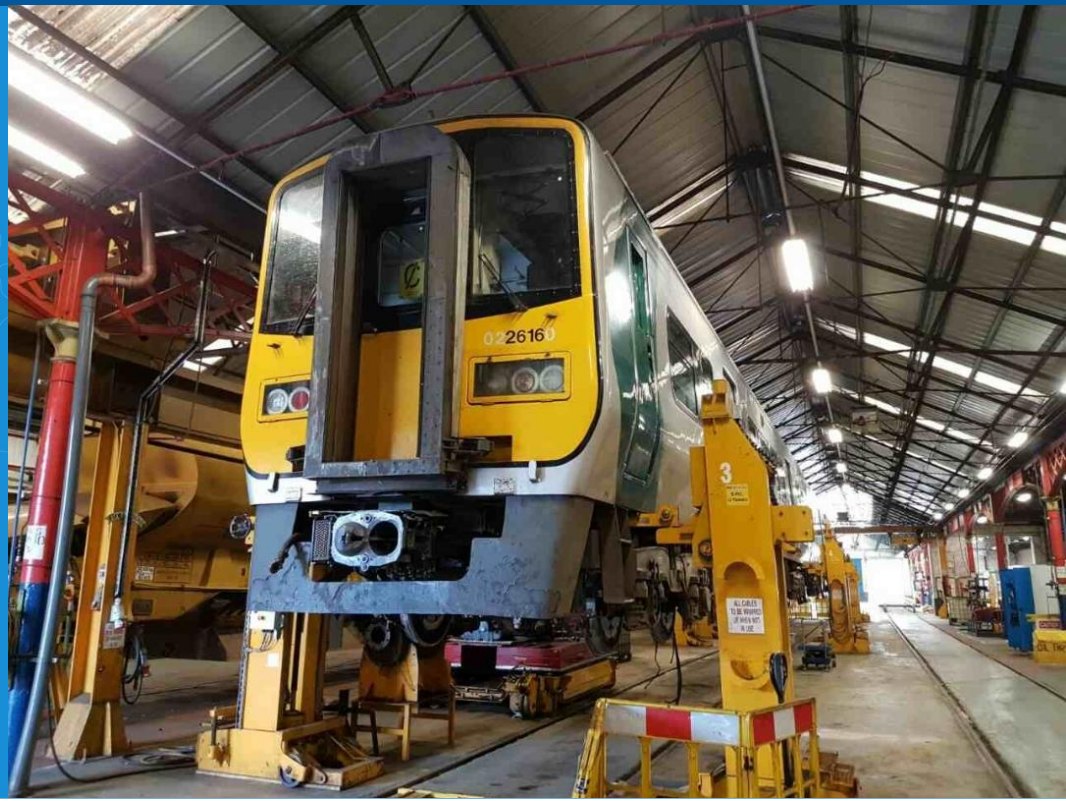
Results:

- Informative analytical reports
- Full automation of fuel processing
- Fuel expense reduction by 5%
- Fueling data processing time reduction by 90%

8. Monitoring of the diesel locomotives from Ireland

Challenges:

- Decrease the fuel consumption and optimize the process of filling
- Decrease the downtime
- Old broken FLSs from the loco producer



8. Monitoring of the diesel locomotives from Ireland

Implementation:

- New FLSs
- Trackers
- Reports in Wialon (fuel, trips, events)

8. Monitoring of the diesel locomotives from Ireland

Result:

- Decreased the fuel consumption by 10% (now 300 l/100 km)
- Decreased the downtime by 40%
- Save more than 100km of the mileage per day

9. Delivery Monitoring with WiaTag from Kuwait

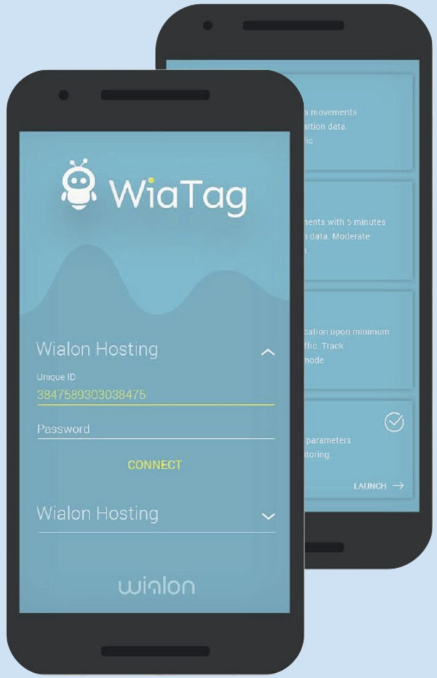
Challenges:

- Connecting 500+ delivery vans, motorcycles, cars
- Tracking delivery anytime and view history
- Integration with Zitaat Order Processing system

9. Delivery Monitoring with WiaTag from Kuwait

Implementation:

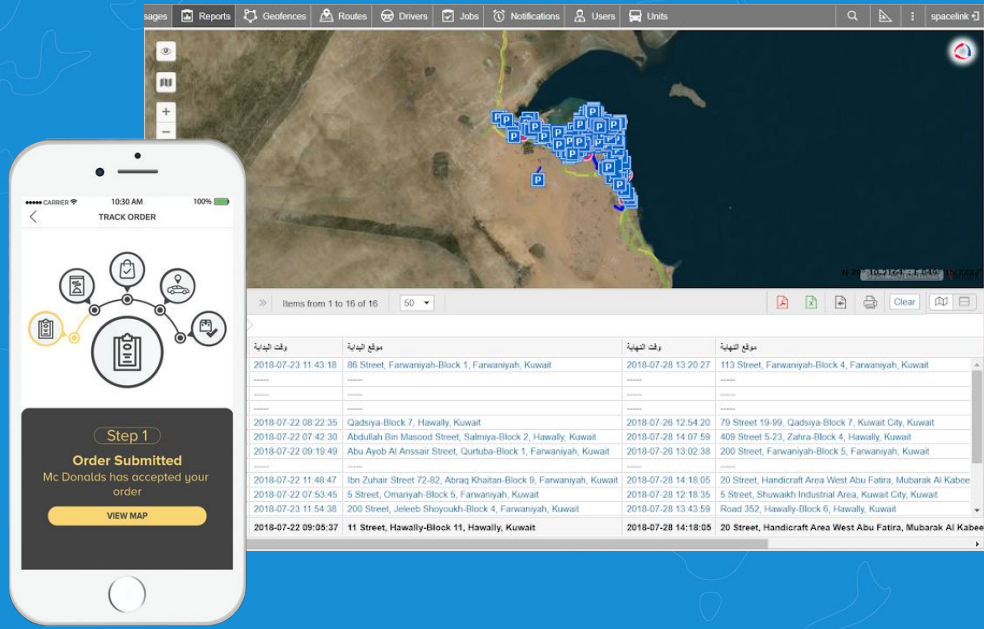
- WiaTag App
- Wialon API
- Live tracking, reports, notifications



9. Delivery Monitoring with WiaTag from Kuwait

Results:

- Customers can track their order online
- Zitaat can get historical information on deliveries



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Thank you for your attention!

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