



# Cases from around the globe

# 1. Diesel Generators Monitoring from Africa

## Challenges:

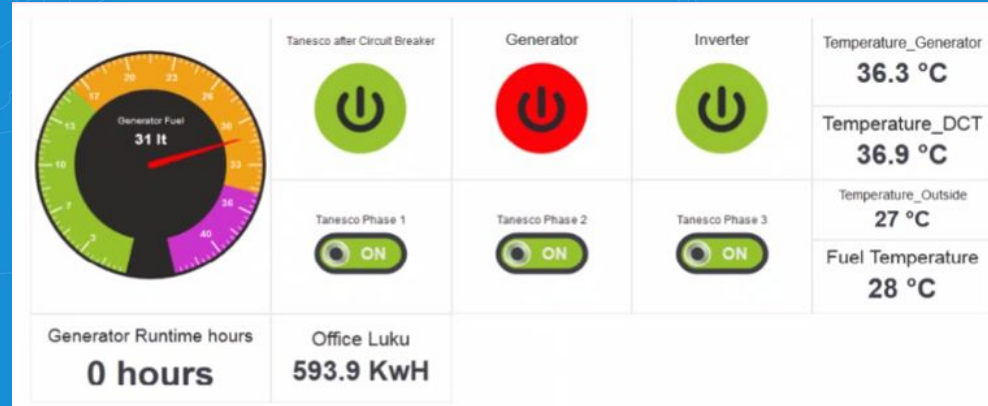
- ◆ Monitoring of diesel level and power supply in diesel generators



# 1. Diesel Generators Monitoring from Africa

## Implementation:

- ◆ Fuel level sensor to measure
- ◆ Sensor 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:

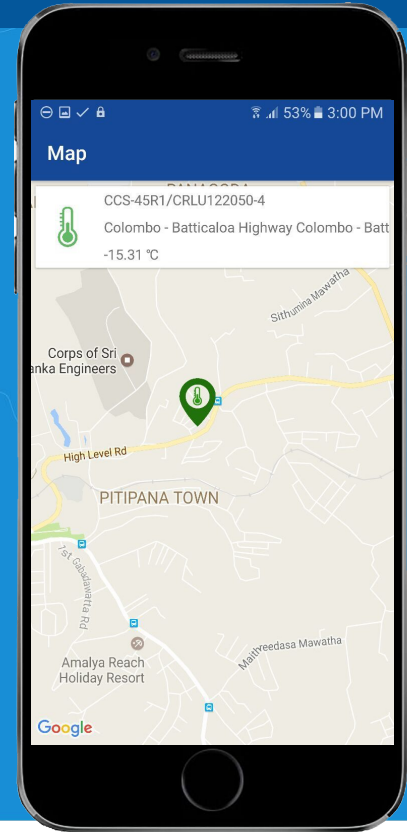
- ◆ Temperature requirements control and safety control during transportation
- ◆ Independent temperature control in each package
- ◆ Monitoring in real time



## 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

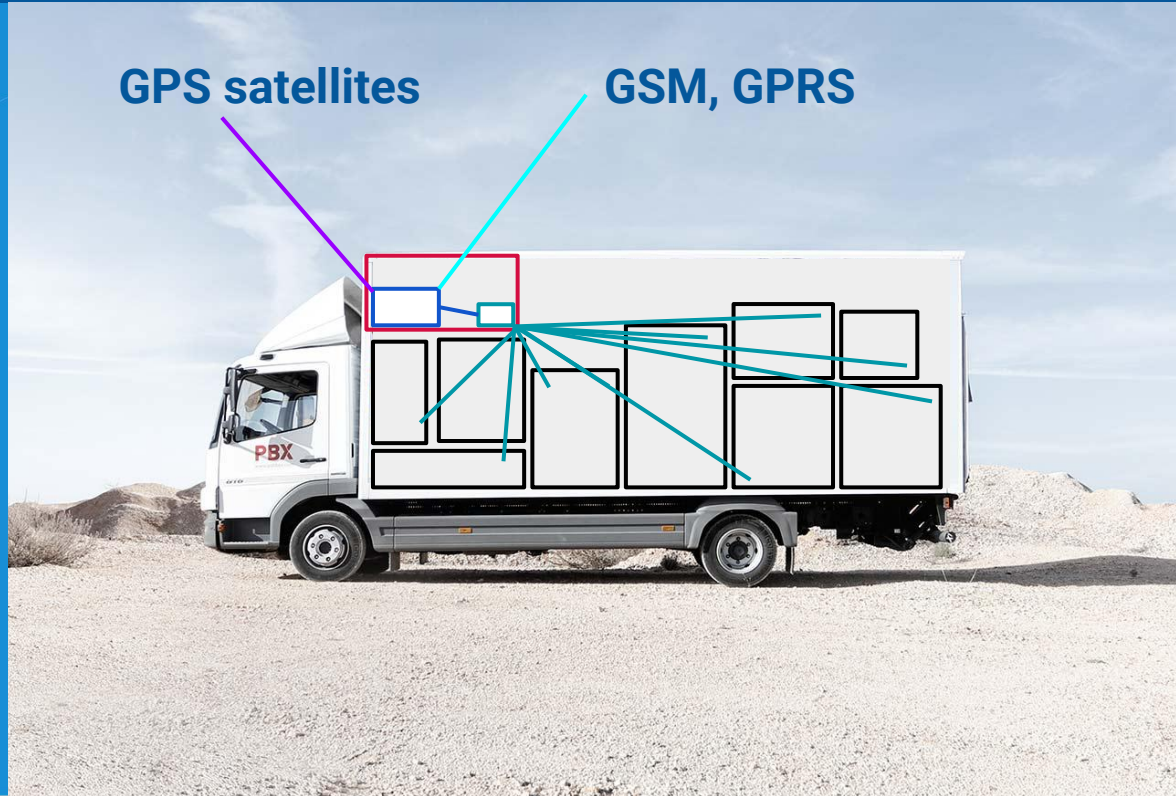




### 3. Consumer Electronics Monitoring from Russia

#### 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: Shattal\_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 Aliq	8:42:37	262 km	0	0	0	0	0	0	0	0	0	1
2 Hussam Taib	7:53:44	211 km	0	0	0	0	0	0	0	0	0	2
3 Mohammed Yousef	6:00:28	103 km	0	0	0	0	0	0	0	0	0	3
4 Fahad Hashim	5:36:31	170 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 Muradha 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 Raki	7:57:32	124 km	0	0	0	0	0	0	0	0	0	8
9 Saibeh Raki	9:30:34	118 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 Basam Faisal	7:20:35	113 km	0	0	0	0	0	0	0	0	0	11
12 Mohammed Jawad Waziri	7:25:31	72 km	0	0	0	0	0	0	0	0	0	12
13 Mohammed Kaseih	19:29:12	643 km	20,000	1	5.9	0	0	0	0	0	0	13
14 Yousef Raki	18:56:46	270 km	20,000	1	5.9	0	0	0	0	0	0	14
15 Hussam Abdul Lazz	24:31:18	481 km	30,000	1	5.9	20,000	1	5.9	0	0	0	15
16 Ayad Haid	26:31:07	691 km	20,000	1	5.9	0	0	0	40,000	2	5.3	16
Total	168:33:56	3834 km										
Non-working drivers												
17 Fahad Abdullah	00:00:00	0	0	0	0	0	0	0	0	0	0	0
18 Jassid Naeem	00:00:00	0	0	0	0	0	0	0	0	0	0	0
19 Kasim Thebi	00:00:00	0	0	0	0	0	0	0	0	0	0	0
20 Ouseim Fadi	00:00:00	0	0	0	0	0	0	0	0	0	0	0
21 Salim Haidh	00:00:00	0	0	0	0	0	0	0	0	0	0	0

Shattal\_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

English Arabic Skip

WELCOME TO YALLABUS

lorem ipsum dolor sit amet  
is simply a dummy text used to fill

E-mail Address

.....

Sign In

Don't have an account?

Sign Up Now

Or Sign Up via

f G+

YallaBus

Dbayeh Main Road x

Jbeil Old Road x

+ Add Destination Filters

Most Relevant

41 min 9:04 AM - 9:45 AM

Bus Name Long will arrive in 5 min

Total Walking 2 min Total Buses 2 Total Price 2.000 LBP

Maximize Buses

41 min 9:04 AM - 9:45 AM

Bus Name Long will arrive in 5 min

Total Walking 2 min Total Buses 2 Total Price 2.000 LBP

Minimize Walking

41 min 9:04 AM - 9:45 AM

Bus Name Long will arrive in 5 min

Total Driving 1 min Total Buses 2 Total Price 2.000 LBP

Driving

41 min 9:04 AM - 9:45 AM

Bus Name Long will arrive in 5 min

Total Walking 20 min Total Buses 2 Total Price 2.000 LBP

## 5. Mobile public bus app from Lebanon

### Result:

- ◆ Making public transportation attractive
- ◆ Convenience for users



## 6. Cement delivery and fleet inspection from Uganda

### Challenges:

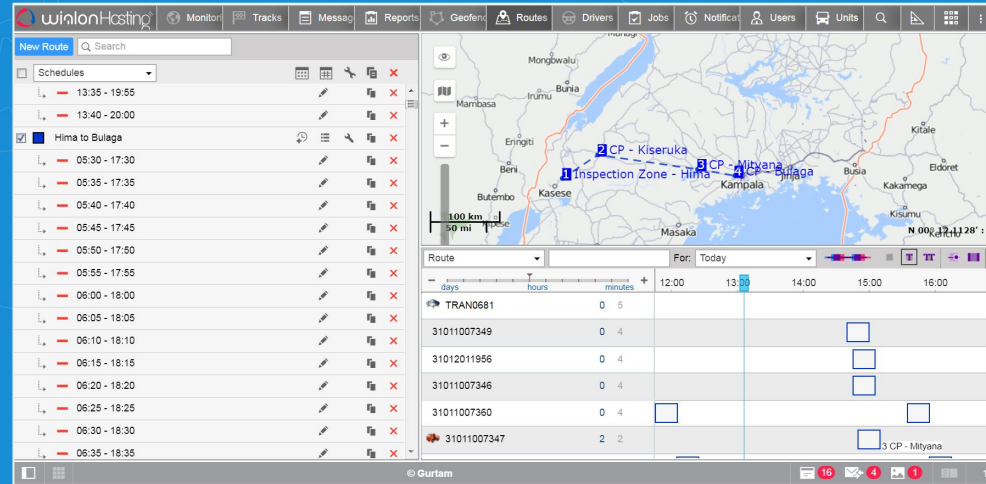
- ◆ Planning cement delivery
- ◆ Automatization of checks of fleet compatibility with LafargeHolcim standards
- ◆ Video surveillance of drivers



# 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

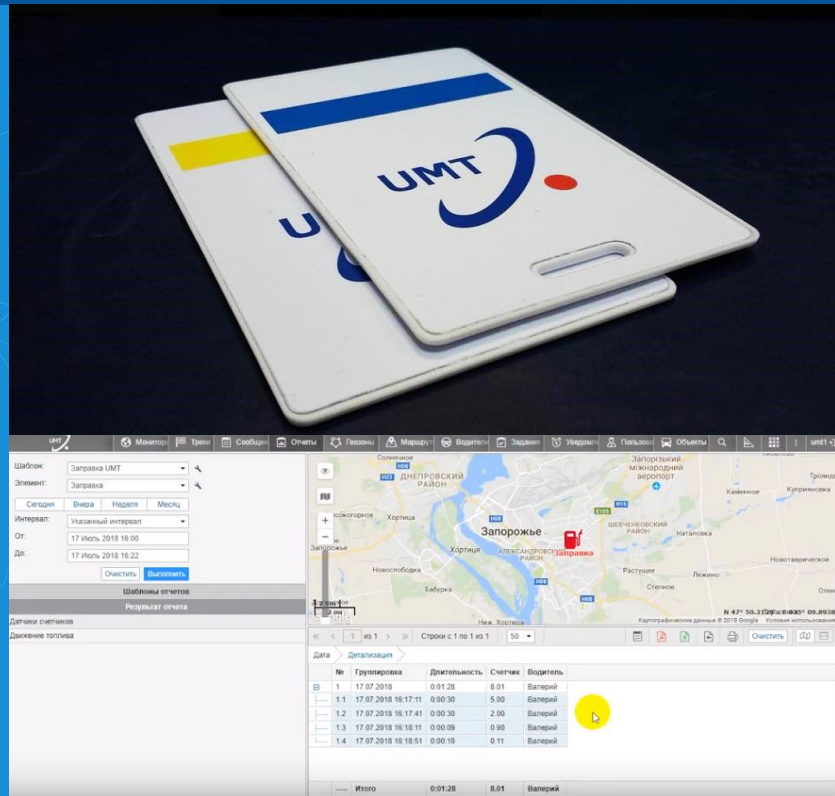




# 7. Petrol station monitoring from Ukraine

## Implementation:

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



# 7. Petrol station monitoring from Ukraine

## Results:

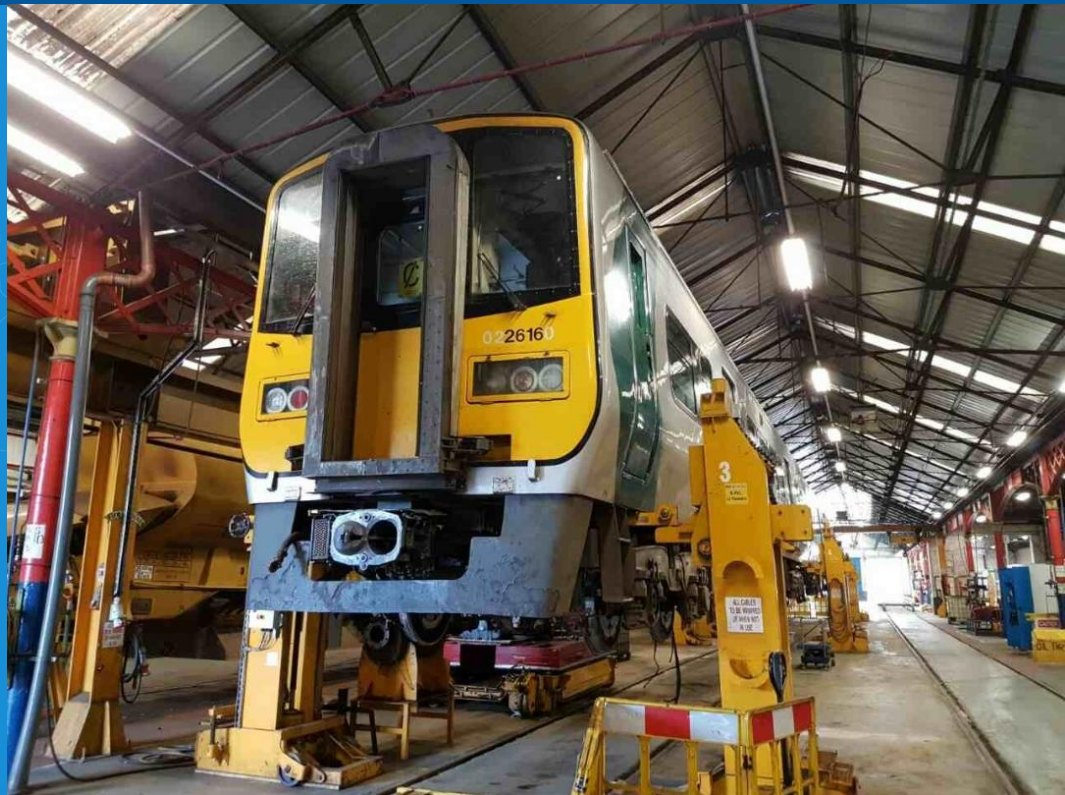
- ◆ Informative analytical reports
- ◆ Full automation of fuel processing
- ◆ Fuel expense reduction by 5%
- ◆ Fueling data processing time reduction by 90%



## 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:

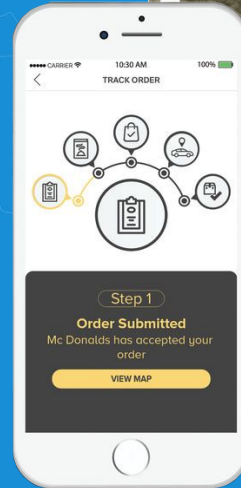
- ◆ WiaTag App
- ◆ Wialon API
- ◆ Live tracking, reports, notifications



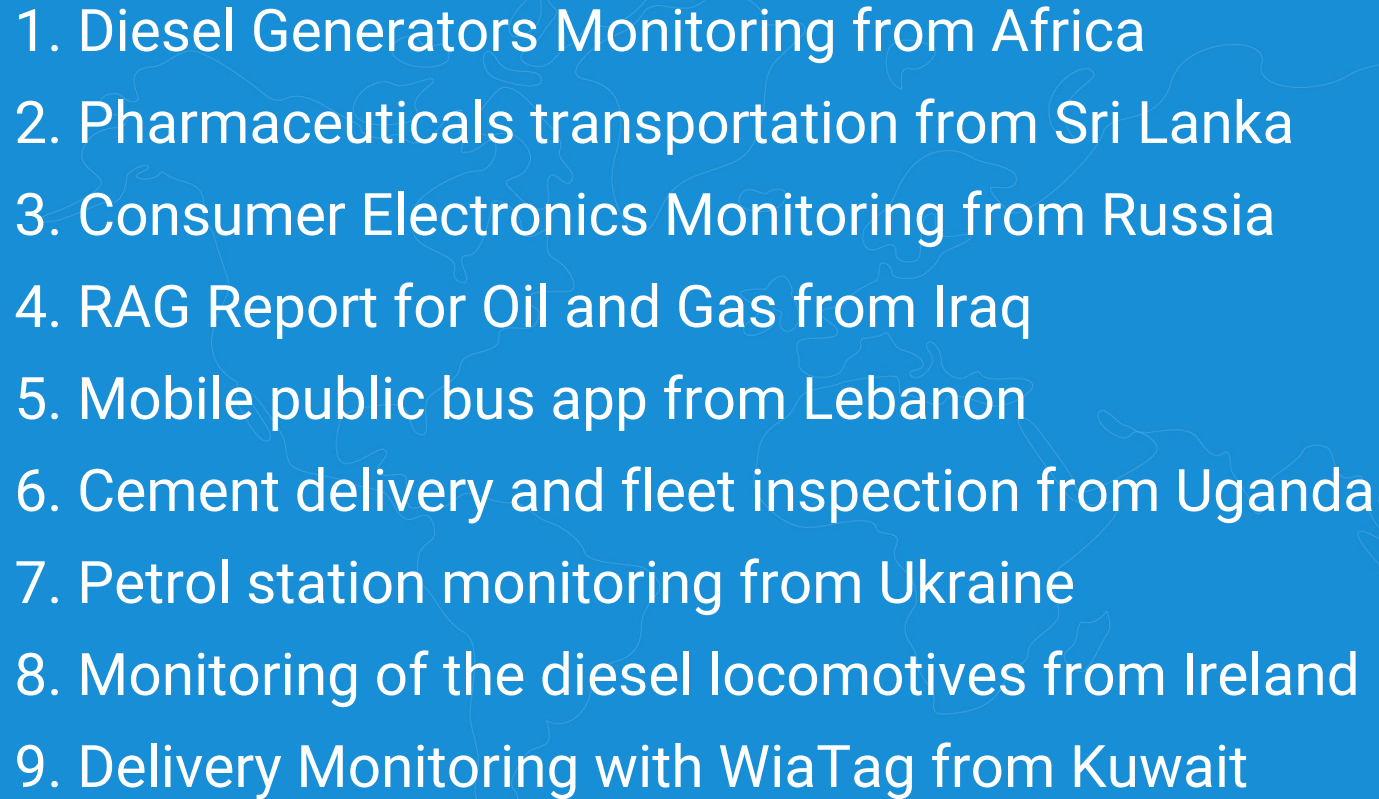
# 9. Delivery Monitoring with WiaTag from Kuwait

## Results:

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



وقت البداية	موقع البداية	وقت النهاية	موقع النهاية
2018-07-23 11:43:18	86 Street, Farwaniyah-Block 1, Farwaniyah, Kuwait	2018-07-28 13:20:27	113 Street, Farwaniyah-Block 4, Farwaniyah, Kuwait
2018-07-22 09:22:35	Qadisiya Block 7, Hawally, Kuwait	2018-07-28 12:54:20	79 Street 19-99, Qadisiya-Block 7, Kuwait City, Kuwait
2018-07-22 07:42:30	Abdullah Bin Massoud Street, Salmiya-Block 2, Hawally, Kuwait	2018-07-28 14:07:59	409 Street 5-23, Zuhra-Block 4, Hawally, Kuwait
2018-07-22 09:19:49	Abu Ayob Al Anssar Street, Qurtuba-Block 1, Farwaniyah, Kuwait	2018-07-28 13:02:38	200 Street, Farwaniyah-Block 5, Farwaniyah, Kuwait
2018-07-22 11:48:47	Ibn Zuhair Street 72-82, Abraq Khatan-Block 9, Farwaniyah, Kuwait	2018-07-28 14:18:05	20 Street, Handicraft Area West Abu Fatira, Mubarak Al Kabon
2018-07-22 07:53:45	5 Street, Omaniya Block 5, Farwaniyah, Kuwait	2018-07-28 12:18:35	5 Street, Shuwaikh Industrial Area, Kuwait City, Kuwait
2018-07-23 11:54:38	200 Street, Jeleeb Shoyoukh-Block 4, Farwaniyah, Kuwait	2018-07-28 13:43:59	Road 352, Hawally-Block 6, Hawally, Kuwait
2018-07-22 09:05:37	11 Street, Hawally-Block 11, Hawally, Kuwait	2018-07-28 14:18:05	20 Street, Handicraft Area West Abu Fatira, Mubarak Al Kabon

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  8. Monitoring of the diesel locomotives from Ireland
  9. Delivery Monitoring with WiaTag from Kuwait



# Thank you for your attention!



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