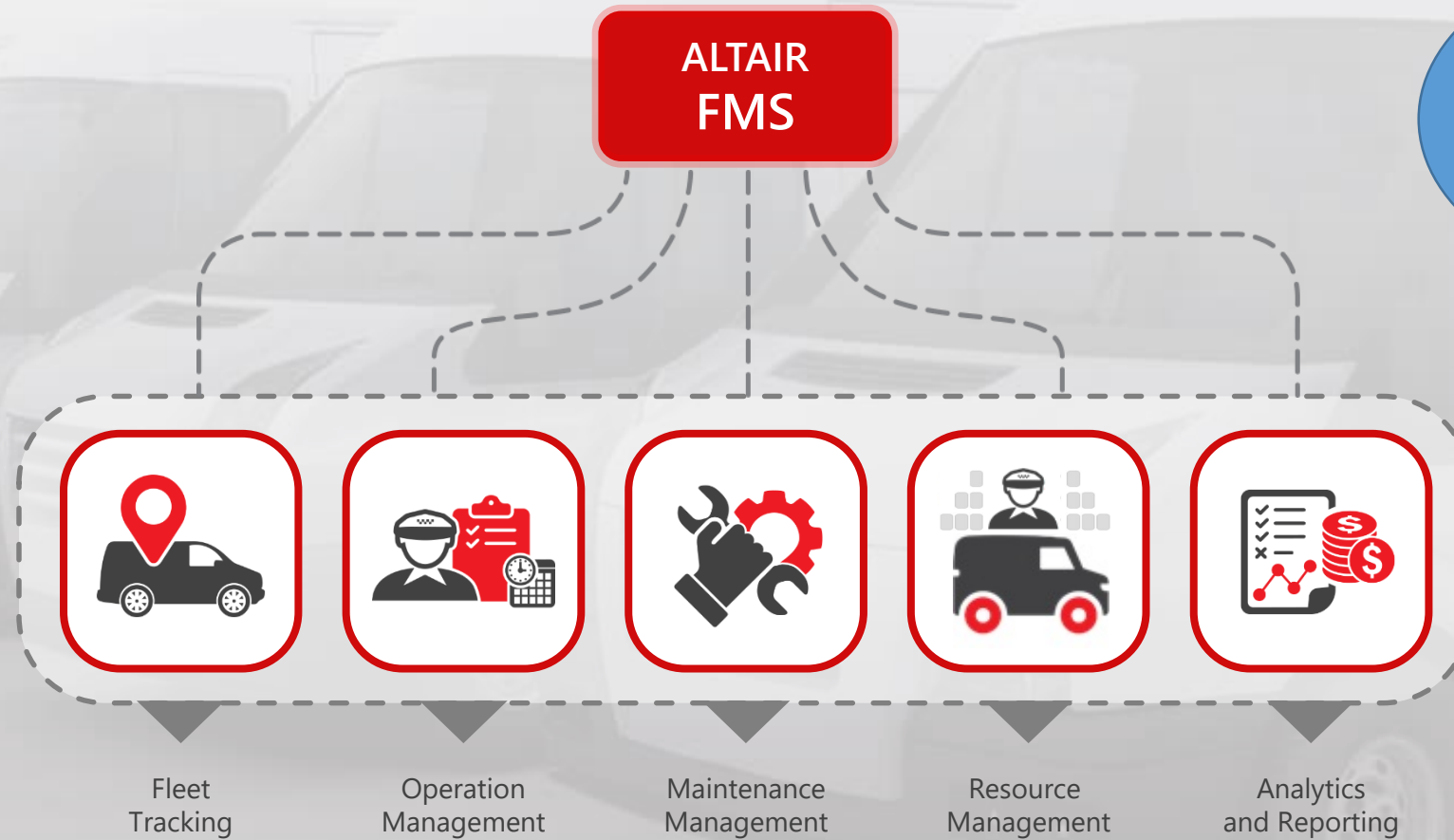




ALTAIRTM
Fleet Management System
By Softec International



ALTAIR - END-TO-END FLEET MANAGEMENT PLATFORM




1,500+ satisfied customers in 3 continents




Resource Management

VEHICLE MASTER PROFILE



Resources | Maintenance | Operations | GPS | Reports | Control Panel



Info

Details


Skeleton

Maintenance

Operations

Violations

Shift: Current Shift Name

Color: 

123abg127654

Pickup, Mercedes, 2005
Dubai, UAE


Available

Vehicle Dashboard

042650 [Update Mileage](#)

20% 20% 20% °C 90 5


Driver



Driver: Ahmed Mohamed
76554--

License: License Number (Ends in 3/4/2012)

Current Location



Shiekh Zayd Rd, Dubai
Status: Moving

Track Now

Geofences

☐

 Nacr City

☐

 Maadi

☐

 Maadi

Preventive maintenance

Next PM: 12-01-2013

Last PM: 12-06-2012

Issue Operation Work Order

Create RFR

Edit Vehicle

Allocate Staff

Delete Vehicle

SIM Card

Number: 1001022

Provider: Telco

Device Code: 828

Crew Rule

- Driver

- Driver companion

- Surevisor

RFR in 2012

	Non
January	5
February	2
March	0
April	5
May	8
June	5
July	1
August	0
September	5
October	2
November	5
December	0

Managing Information

Violations and Alerts

Driver & License Information

Live Location Jump to Monitoring module

Preventive & Corrective Maintenance Schedule & Status

Region / department

Current Status

Odometer/mileage, oil, fuel, battery, temperature

Tracking Unit information

Allocated zones (dynamic rules)

Maintenance quick statistics

Actual Work Orders

Crew Structure Rules

Speed Violation Report

Export To Excel

Sort By: Results Per View:

Search

102 | Results Found

Mileage	Vehicle Code	Driver Name	Start Time	End Time	Time Range	Maximum Speed	Distance Traveled	Speed Limit
100	B-00532	Hout	03/10/2010 02:30:21	03/10/2010 02:39:34	0:9:12	110	0.363888	100
100	B-00532	Hout	03/10/2010 02:30:42	03/10/2010 02:39:41	0:9:00	110	0.495479	100
100	B-00532	Hout	03/10/2010 02:35:41	03/10/2010 02:43:21	0:7:40	110	0.0935919	100
100	B-00532	Hout	03/10/2010 02:35:45	03/10/2010 02:38:09	0:2:23	110	1.5810951	100
100	B-00532	Hout	03/10/2010 02:40:39	03/10/2010 02:49:38	0:9:0	103	0.3613796	100
100	B-00532	Hout	03/10/2010 02:40:46	03/10/2010 02:42:16	0:1:29	110	2.7345311	100
100	B-00532	Hout	03/10/2010 02:42:14	03/10/2010 02:45:26	0:3:11	110	5.6049651	100
100	B-00532	Hout	03/10/2010 02:45:33	03/10/2010 02:45:53	0:0:20	102	0.1110519	100
100	B-00532	Hout	03/10/2010 02:45:50	03/10/2010 02:48:19	0:2:29	101	0.1110597	100
100	B-00532	Hout	03/10/2010 02:46:05	03/10/2010 02:49:42	0:3:36	110	1.1629771	100
100	B-00532	Hout						100
100	B-00532	M						100
100	B-00532							100
100	B-00532							100

Skeleton

Transporter Type Crew Rule

Skeleton

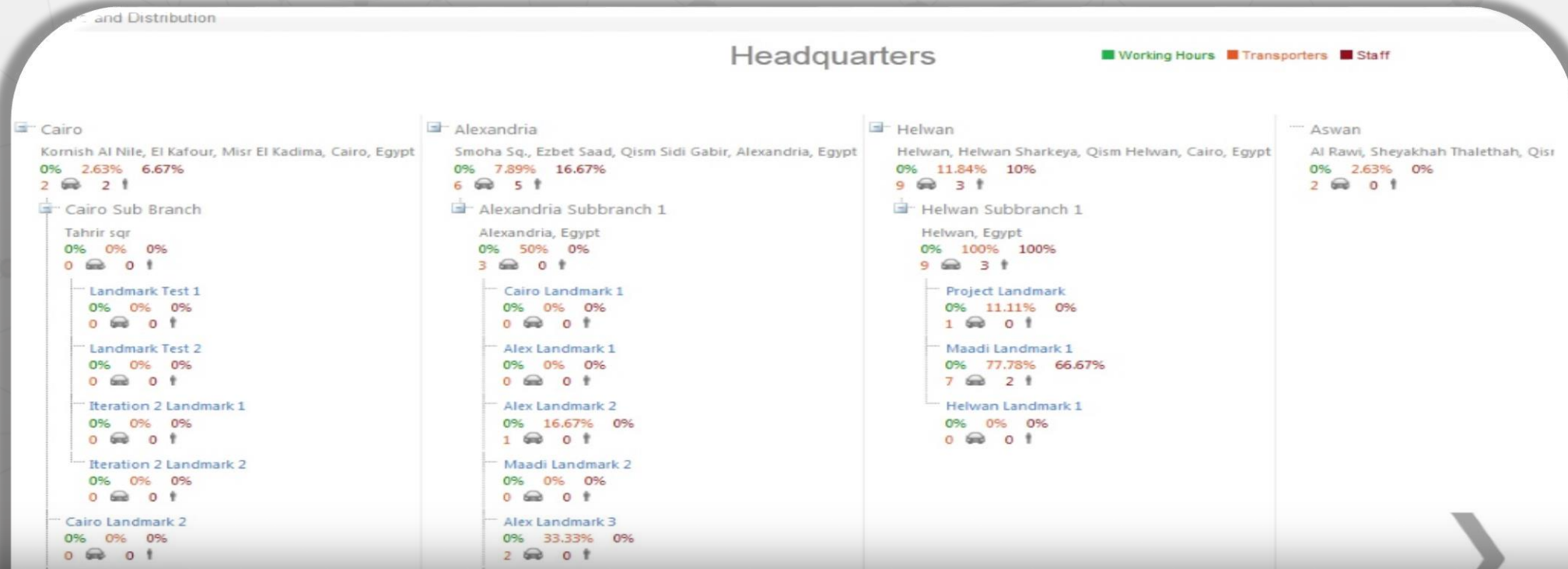
Single

Dual

Triple

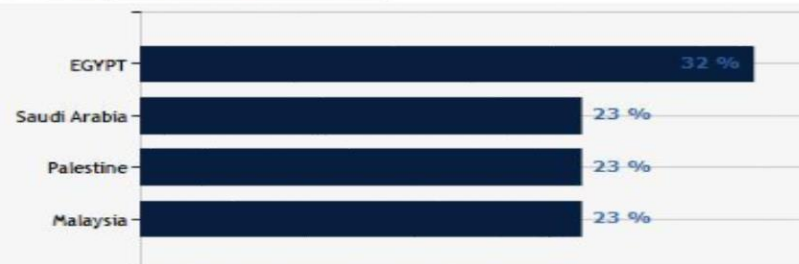
Save as New

Fleet Structure and Distribution



Fleet Structure

View By Transporter Branch

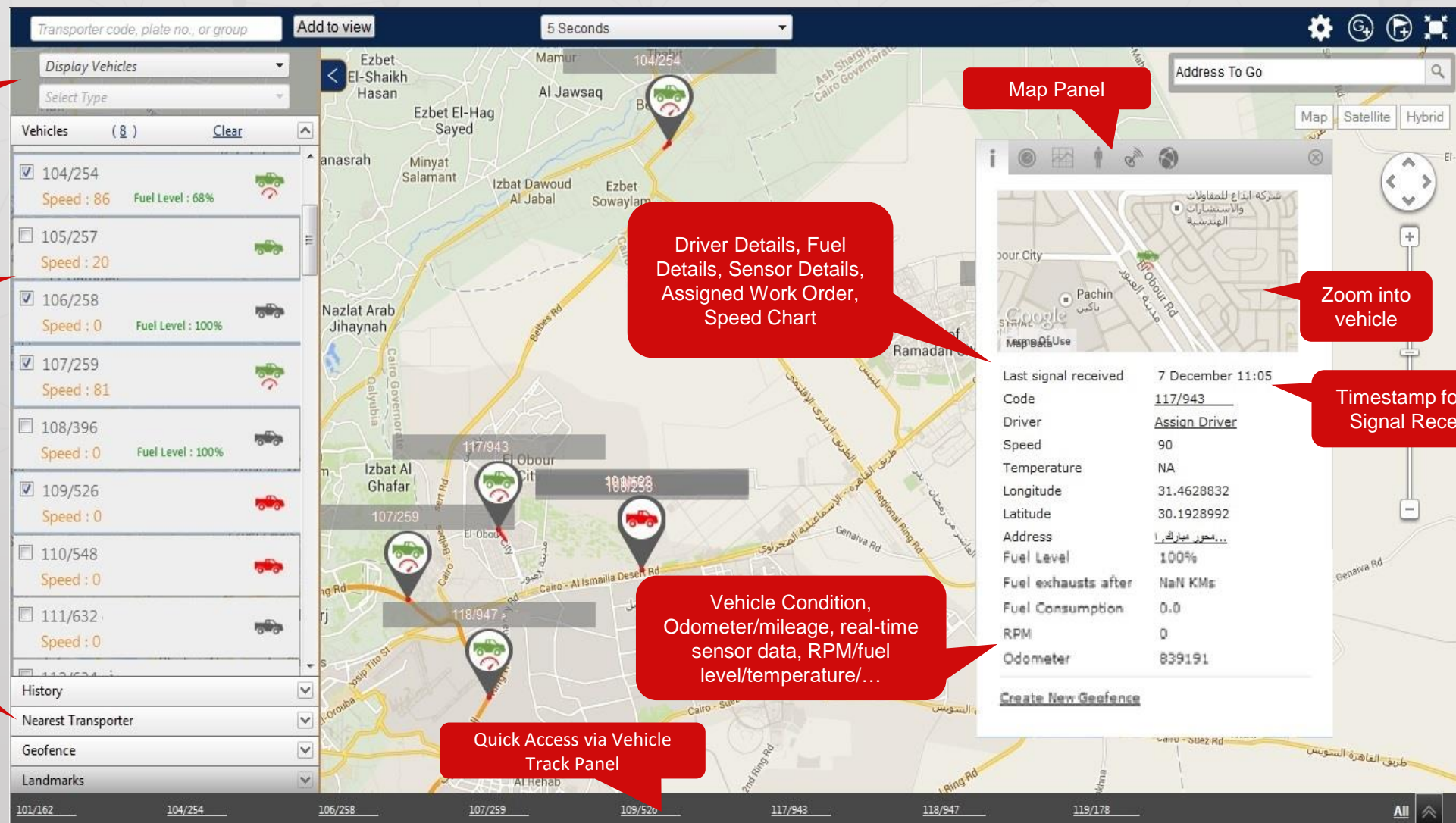


EGYPT	7	6 Idle	0 In Operation	1 In Maintenance
Malaysia	5	3 Idle	0 In Operation	2 In Maintenance
Palestine	5	5 Idle	0 In Operation	0 In Maintenance
Saudi Arabia	5	5 Idle	0 In Operation	0 In Maintenance
Total	22 Vehicle	19 idle	0 In Operation	3 In Maintenance



Live Fleet Tracking

LIVE FLEET TRACKING



The screenshot displays the Softec Live Fleet Tracking software interface. On the left, a 'Fleet Panel' lists vehicles with their IDs, speeds, and fuel levels. The main area is a 'Map Panel' showing a map of Cairo with vehicle locations marked by icons. A 'Quick Filter & Search' bar is at the top left. A 'Screen Settings, Geo-fencing, Landmarks' panel is on the top right. A 'Driver Details, Fuel Details, Sensor Details, Assigned Work Order, Speed Chart' panel is open for vehicle 109/526, showing a timestamp for the last signal received and various sensor data. A 'Vehicle Condition, Odometer/mileage, real-time sensor data, RPM/fuel level/temperature/...' panel is also visible. A 'Find nearest vehicle' callout points to the 'Nearest Transporter' section. A 'Quick Access via Vehicle Track Panel' callout points to the bottom status bar.

Quick Filter & Search

Fleet Panel with live data

Map Panel

Screen Settings, Geo-fencing, Landmarks

Driver Details, Fuel Details, Sensor Details, Assigned Work Order, Speed Chart

Zoom into vehicle











Timestamp for Last Signal Received

















Vehicle Condition, Odometer/mileage, real-time sensor data, RPM/fuel level/temperature/...

Find nearest vehicle

Quick Access via Vehicle Track Panel

LIVE STREAMS

Plate No.	Group	Branch	Driver	Mobile	Latitude	Longitude	Address ▲	Odometer	Battery Status	Last signal received	Ignition Status	Speed	Status	Show On Maps	Switch Engine OFF/ON	Eng. Status
001	11	سياحة	main branch		30.0744416	31.0672576	Address Not Available Now	3428.7	Connected	27-11-2013 03:15:18 PM	Ignition Off	0		View	No Items Available	No Items Available
002	36	lafa test	main branch		29.81160			12175.3	Connected	27-11-2013 02:23:35 PM	No Ignition	0		View	No Items Available	No Items Available
003	837		main branch		29.71330			13174.1	Connected	27-11-2013 07:06:22 AM	Ignition Off	73		View	No Items Available	No Items Available
005	35	lafa test	main branch		29.81081			13291	Connected	27-11-2013 03:12:01 PM	Ignition Off	0		View	No Items Available	No Items Available
007	70	رحلات	main branch		29.81029			14880.1	Connected	27-11-2013 03:14:27 PM	Ignition Off	0		View	No Items Available	No Items Available
008	90	رحلات	main branch		29.81027			15342.1	Connected	27-11-2013 03:15:25 PM	Ignition On	0		View	No Items Available	No Items Available
011	96	رحلات	main branch		29.81088			10249.4	Connected	27-11-2013 03:13:05 PM	Ignition Off	0		View	No Items Available	No Items Available
012	70	رحلات	main branch		29.81174			16111.4	Connected	27-11-2013 03:11:54 PM	Ignition Off	0		View	No Items Available	No Items Available
013	01		main branch		29.81059			19227	Connected	27-11-2013 03:13:20 PM	Ignition Off	0		View	No Items Available	No Items Available
014	51		main branch		29.81036			18816.7	Connected	27-11-2013 03:14:34 PM	Ignition Off	0		View	No Items Available	No Items Available
	7	رحلات	main branch		29.81048			13078	Connected	27-11-2013 03:13:32 PM	Ignition Off	0		View	No Items Available	No Items Available

		Moving
		Temperature Exceed!
		Idle (stop & ignition on)
		Parked (Ignition off)
		Speed violation
		Geo-zone violation (moving)
		Geo-zone violation (stopped)
		SOS Panic Button!

FLEET MOVEMENT LOG AND HISTORY PLAYBACK

Video Playback



Route Summary

Mileage 36.88 KM
Stop/s 13
Driving Time 2 Hour 13 Min.
Idle Time 0 Hour 29 Min.
Parking Time 8 Hour 54 Min.
Disconnected Time 0 Hour 0 Min.
Total Fuel Consumption 0 Liters
Driver Name -

Sensors

Door is Opened 23
Door is Closed 23
Ignition Off 19
Ignition On 19

Stop Location
Details

Duration: 00:03:36
From: 11/27/2013 11:21:31 AM
To: 11/27/2013 11:25:07 AM
Address: شارع محمد
[Create Geofence](#)
[Create Landmark](#)

Sensor Details

Ignition Off
Start Time : 11/27/2013 10:06:56 AM
End Time : 11/27/2013 10:06:57 AM

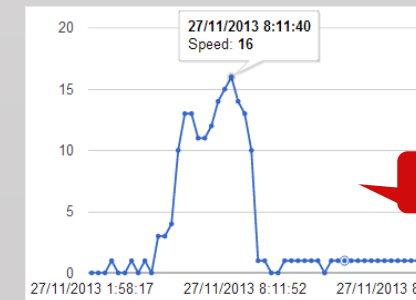


Speed and temperature charts

Trip Summary,
Sensor Data

Engine Status (Count + Time)

☒ Show Stops ☒ Speed meter ☒ Show Sensor Stops ☐ Show Planned Route



View Options

Real Time Alerts



Real Time Alerts


All

Transporter code, plate no., or group

Start Log

Selected (253)

[Clear](#)

Code	Plate No.	Driver Name	Time	Alert
912	ل ب 9127	<div>  </div> <div> Violations <ul style="list-style-type: none"> Speed is 120 km/hr which is above the accepted limit. on 10/6/2012 11:43:23 AM. Geofence Violation (Geofence Name) on 10/6/2012 11:43:23 AM. Speed is 120 km/hr which is above the accepted limit. on 10/6/2012 11:43:23 AM. Geofence Violation (Geofence Name) on 10/6/2012 11:43:23 AM. Speed is 120 km/hr which is above the accepted limit. on 10/6/2012 11:43:23 AM. Geofence Violation (Geofence Name) on 10/6/2012 11:43:23 AM. </div> <div> Alerts <ul style="list-style-type: none"> Fuel theft. on 10/6/2012 11:43:23 AM. The panic button has been pressed on 10/6/2012 11:43:23 AM. Fuel theft. on 10/6/2012 11:43:23 AM. The panic button has been pressed on 10/6/2012 11:43:23 AM. The temperature is 300 which is above the accepted limit. The last reading on 10/6/2012 11:39:51 AM. The panic button has been pressed on 10/6/2012 11:43:23 AM. The temperature is 300 which is above the accepted limit. The last reading on 10/6/2012 11:39:51 AM. </div>	04/04/2016 08:51:59	Speed : 97
91	ل ب 9127		04/04/2016 08:50:33	Speed : 94
913	ل ب 9127		04/04/2016 08:50:30	Speed : 91
23	ل ب 234		04/04/2016 08:50:13	Exit Geofence : فرع أسبوط
233	ل ب 234		04/04/2016 08:48:30	Exit Geofence : فرع سوهاج
232	م ف 234		04/04/2016 08:08:13	Exit Geofence : فرع الاسكندرية
133	ن ط 136		04/04/2016 08:04:34	Exit Geofence : رصيف تحميل العبور

133

ل ب 136

04/04/2016 08:04:34

535

ل ب 535

04/04/2016 08:08:13



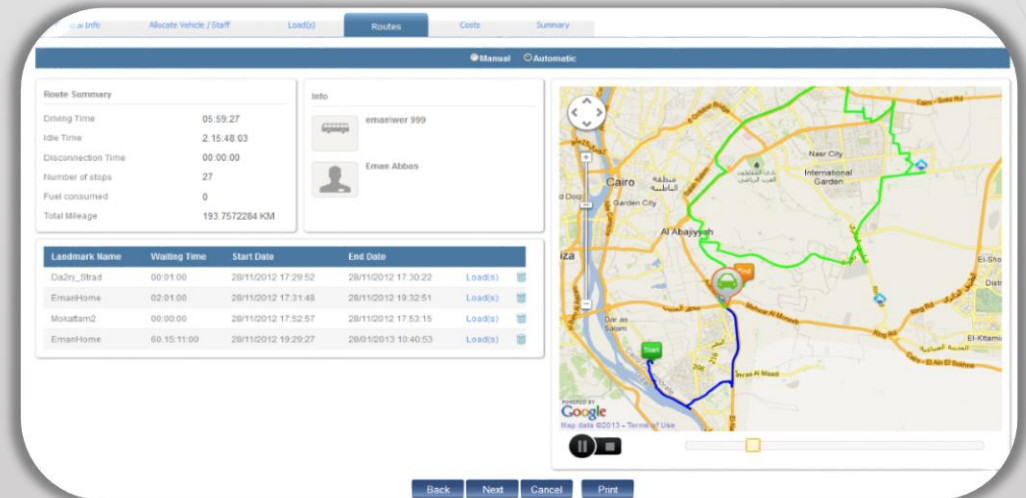
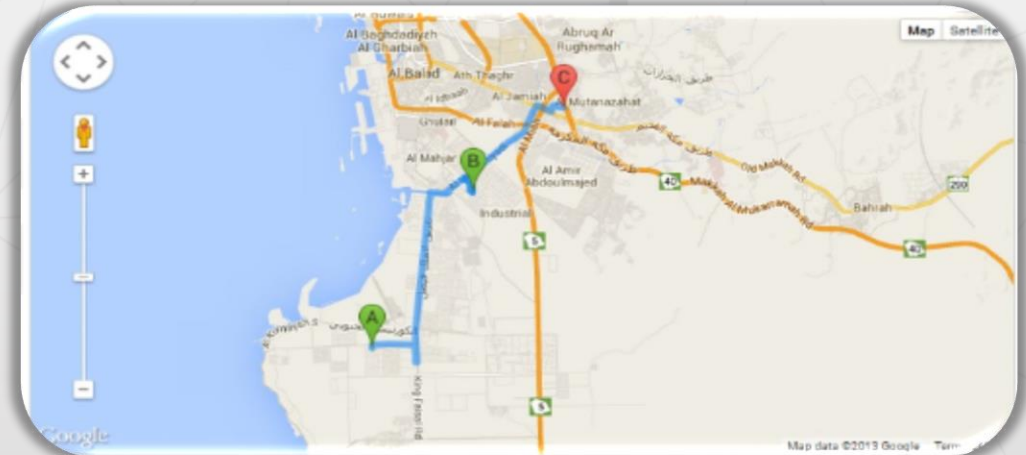
Operation Management

Fleet Dispatching & Scheduling

- ❖ Driver dispatching and fleet scheduling
- ❖ Trip, task and delivery planning
- ❖ Vehicle & Driver Shift Management – dynamically configurable
- ❖ Highly visual user-friendly fleet and driver schedules
- ❖ Route Optimization and Management

Operations Management

- ❖ Full project management
- ❖ Vehicle cost centers, revenue & expenses
- ❖ Work Order Printouts for Drivers
- ❖ Vehicle status integrated calendar view– maintenance, idle, out of service, in operation
- ❖ GIS - Smart landmark / position creation on the fly
- ❖ Compare planned routes against actuals
- ❖ Vehicle Load / Unload Management
- ❖ Pull Work Orders from 3rd party ERPs or WO Systems (optional)
- ❖ Fine Management



Operations Work Order



Tora

Distance

Driving Hours

Da2ry_Strad

Dead Leg

Container

Load Time

Rest Time

Arrival

Departure

Name Load

Load1 KG

Container -

Unload Time

Rest Time

Arrival

Departure

Name Un-Load

Load1 KG

Da2ry_Strad

Distance

Driving Hours

Tora

Dead Leg

Container

Load Time

Rest Time

Arrival

Departure

Name Load

Load1 KG

Container -

Unload Time

Rest Time

Arrival

Departure

Name Un-Load

Load1 KG

Tora

Distance

Driving Hours

SoftecOffice

Dead Leg

Container

Load Time

Rest Time

Name Load

Load1 KG

Container -

Unload Time

Rest Time

Name Un-Load

Load1 KG



Maintenance Management

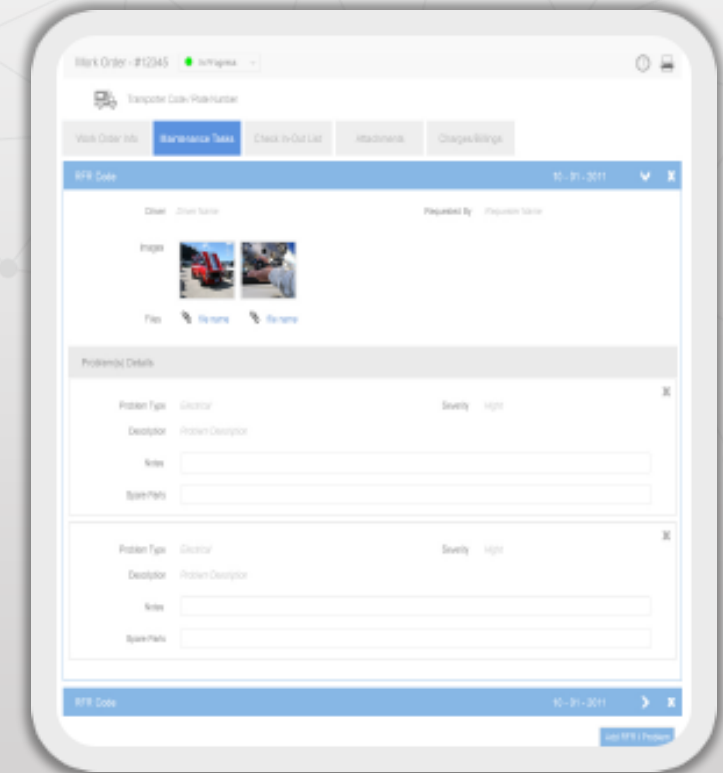
FLEET MAINTENANCE MANAGEMENT

Full Maintenance Lifecycle

- ❖ Corrective & Preventive Maintenance Management (auto-scheduled by km / time / engine hours).
- ❖ Maintenance Planning, Scheduling and Checklists.
- ❖ Need for Repair Management (levels, accidents, severities).
- ❖ Work Order Management, Workflow & Order Tracking.
- ❖ Dynamic vendor / workshop workflow management.
- ❖ Management of internal workshops / labor and 3rd party suppliers including 3rd party system access to receive and update orders.

Maintenance Macro- and Micromanagement

- ❖ Vehicle downtime monitoring.
- ❖ Accident and driving misbehavior overviews.
- ❖ Track workshop / supplier performance, faults and down times, expected finish times.
- ❖ Compare planned schedules to actuals.
- ❖ Work Order Ticketing and 3rd party workshop accounts.
- ❖ Cost Centers (spare parts, labour, contracts).
- ❖ Tire & Battery Management.





Analytics and Reporting

OPERATION ANALYTICS

KPI Tracking, Performance Overview, Statistics



- ❖ Trips Summary/Details
- ❖ Cost Breakdown
- ❖ Driver Efficiency & Utilization
- ❖ Driver Attendance
- ❖ Vehicles Utilization
- ❖ Devices Connectivity
- ❖ Tracking History
- ❖ Assets Availability
- ❖ Shifts Arrangements



OPERATION REPORTING



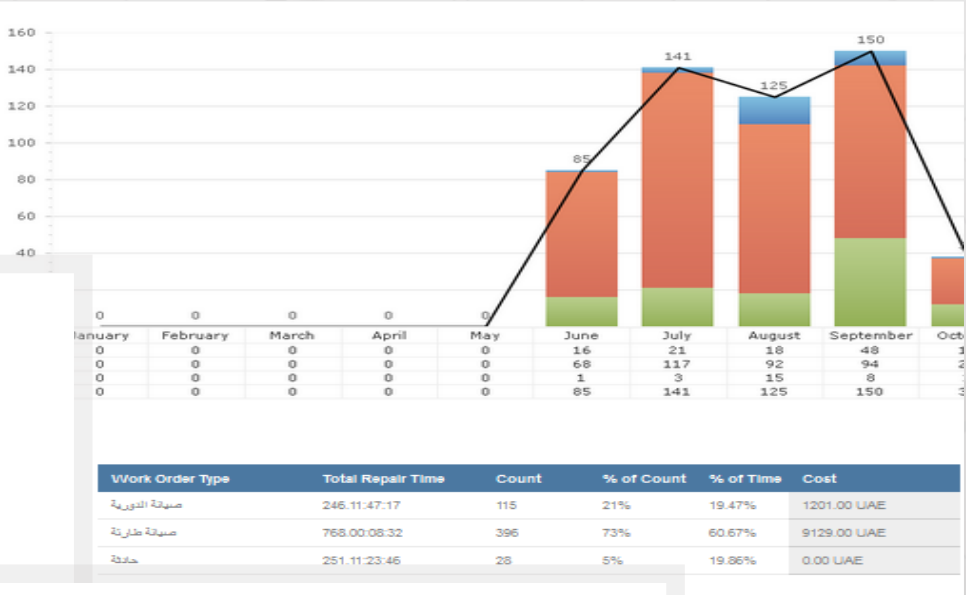
Vehicles and Trips Usage Reports

- Daily Trip Summary
- Vehicle Daily Usage Report
- Transporters Summary
- Trip Details Report
- Driver Daily Usage Report
- Visited Places Summary
- Active Time
- Parking Time
- Vehicles Idle Time Summary
- Annual/Monthly Transporter Report

- Speed Violation
- Daily Speed Report
- Vehicles Geofences Details
- Temperature Report
- Ready Mix Movement Summary
- Panic Button Press Summary
- Fuel Theft
- Fuel Consumption
- Sensor Events Report

- Renewal Report
- Examination Report
- Ownership Report
- Fleet Vehicle Entrance Report
- Sold Vehicles Report
- Vehicle Mileage History
- Vehicle Fuel Log
- Inspections Report
- Vehicles Overnight

- Geofence Violation Summary
- Fleet Maintenance Summary
- Vehicles Maintenance Summary Report
- Fleet Down Time Summary Report
- Garage Data Report
- Vehicles Maintenance Plan
- Problems Types Down Times
- Scheduled Maintenance Details
- Vehicles Accidents Summary
- Drivers Accidents Summary
- Maintenance Centers Vehicles Report
- Vehicles Repairs Report
- Transporter Validity Report

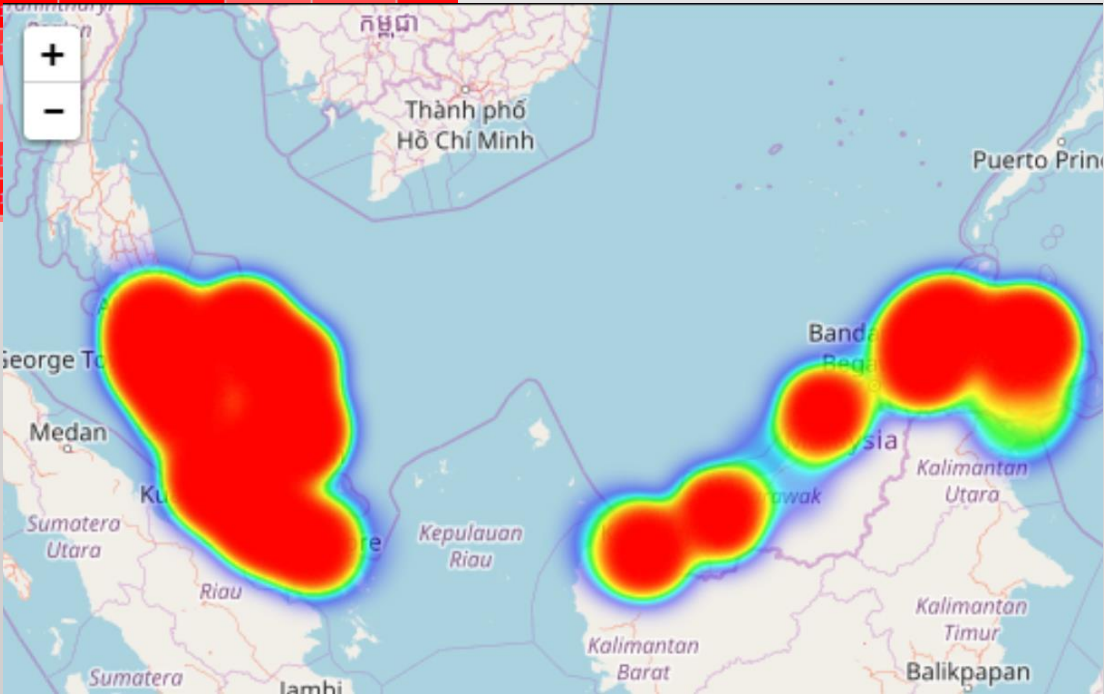


ALTAIR INTELLIGENCE-LED PORTAL

Advanced Analytics



Branch	Transporter	EventType	Disconnected	Geofence Violation	Active	Parking	Speed Violation	Moving	Idle	Total
Driver	BFTBO 01				17	67	2	68	70	224
Year	CRO 01				57	109	63	267	308	804
Quarter	CRO 02				41	88	166	281	322	898
Month	CRO 03				30	81	12	121	148	392
Week	CRO 04				41	91	60	161	200	553
DayOfWeek	CRO 05		1		9	52		4	11	77
Temperature	CRO 06				9	60	13	47	52	181
Speed	ERO 01			14	56	103	204	168	187	782
Date	ERO 03			39	103					
	ERO 04			24	68					
	ERO 06		2	40	19					
	KSO/ERO 07				22					
	KSO/ERO 08				67					
	MCMC01		1		86					



Heat Maps
Variety of Charts
Interactive Charts
Export to JPG, Excel, CSV, ..

05/6/2017

7/30/2017

From Time

To Time

Default

Custom

Create Template

Branches

☐ kl

☐ Nothern Region

☐ Alor Setar

☐ Penang

☐ Ipoh

☐ HQ

Branch

Driver

Year

Quarter

Month

Week

DayOfWeek

Temperature

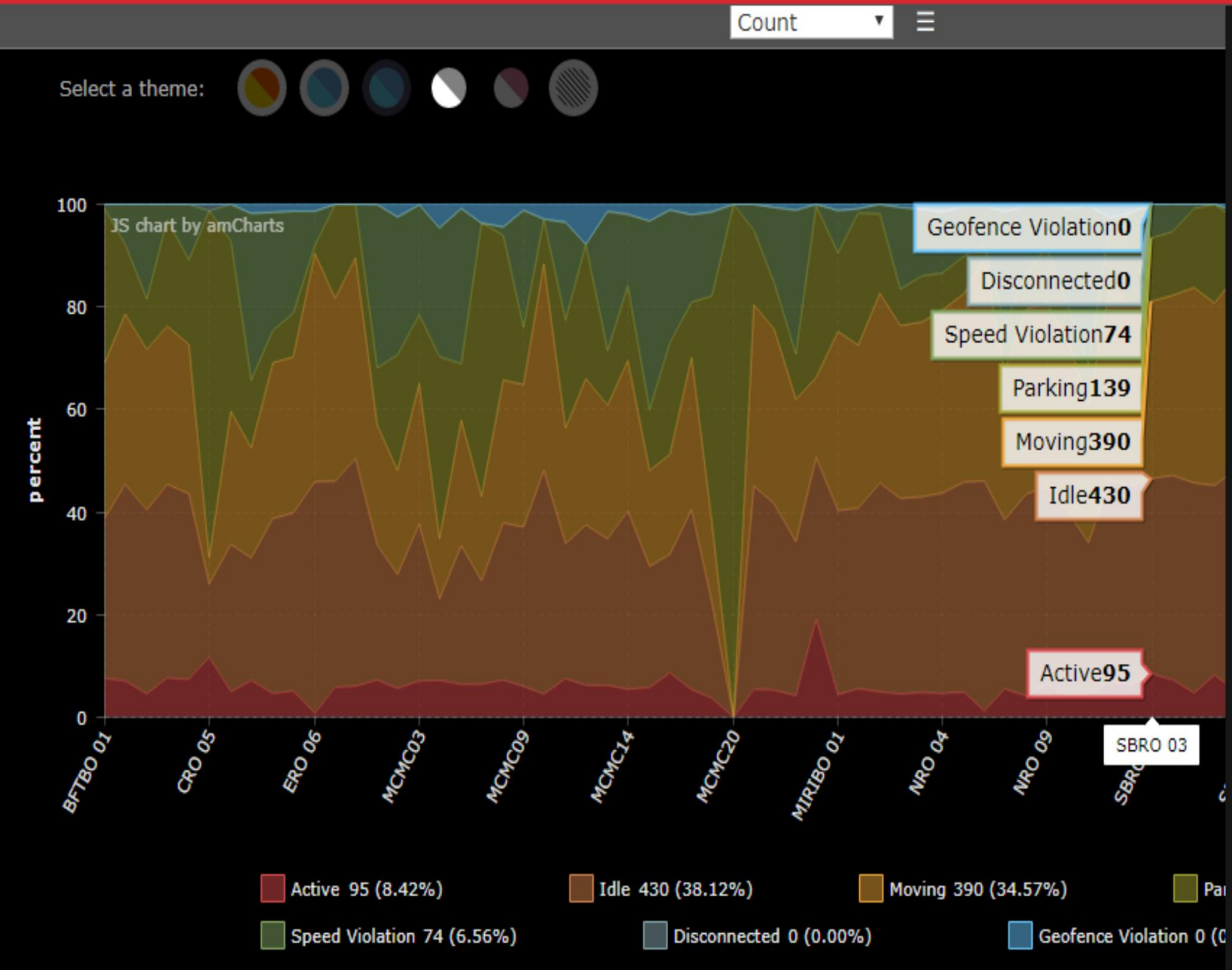
Speed

Date

Time

Count

FromLat





Setup for Small Organizations and large Enterprises & Governments

SMART SETUP FOR SMALL BUSINESSES AND LARGE ORGANIZATIONS

Accommodates different organization structure and relations



CENTRALIZED

Master Service Provider



WORKSHOPS
Internal and External



DRIVERS



VEHICLES

REGIONAL/GEOGRAPHICAL

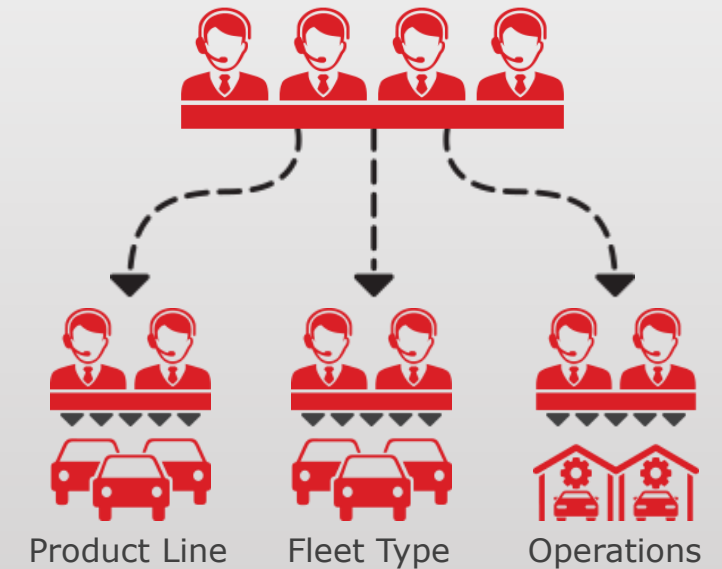
Distributed with centralized reporting



Territory Based Operation

FUNCTION/SECTOR

Role based distribution



Product Line

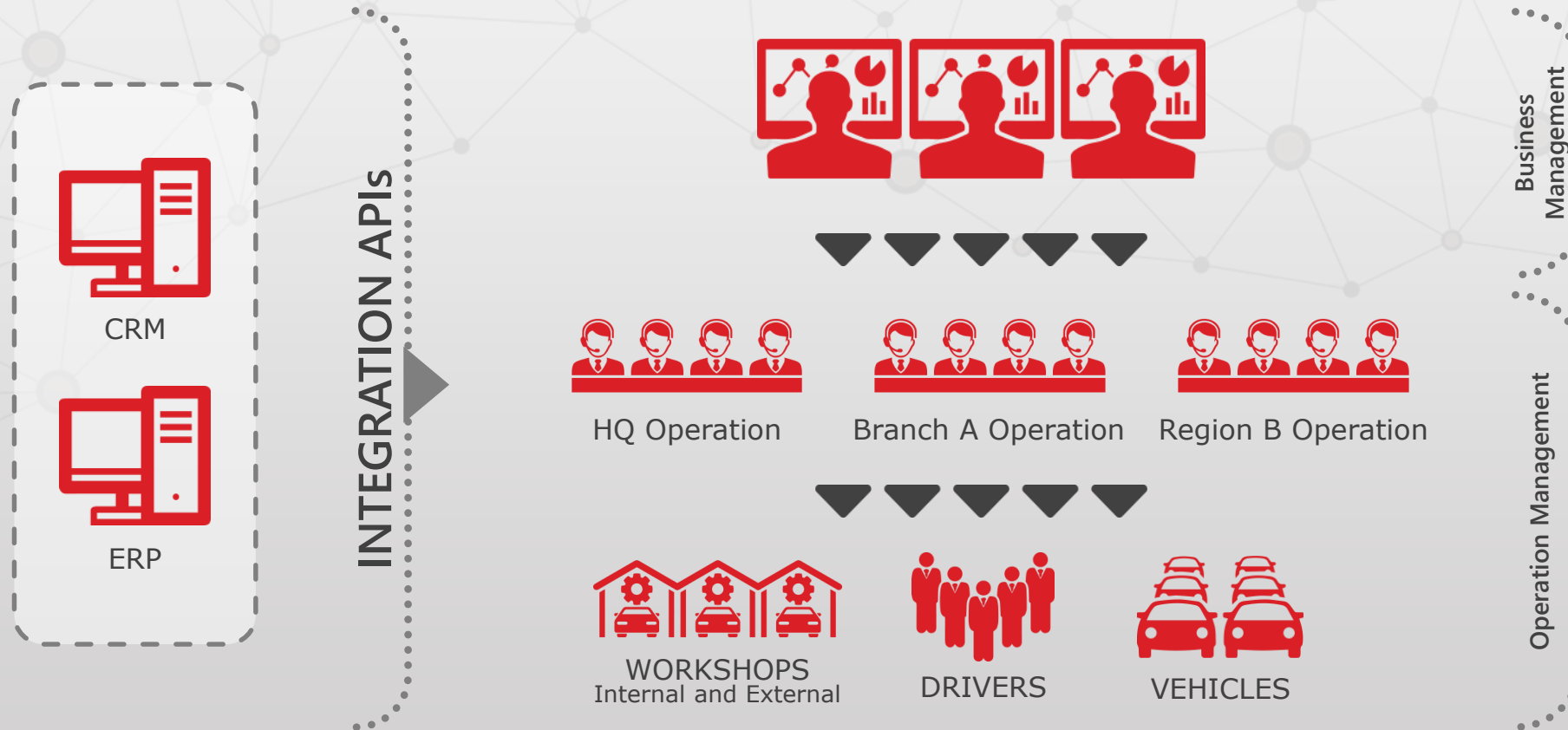
Fleet Type

Operations

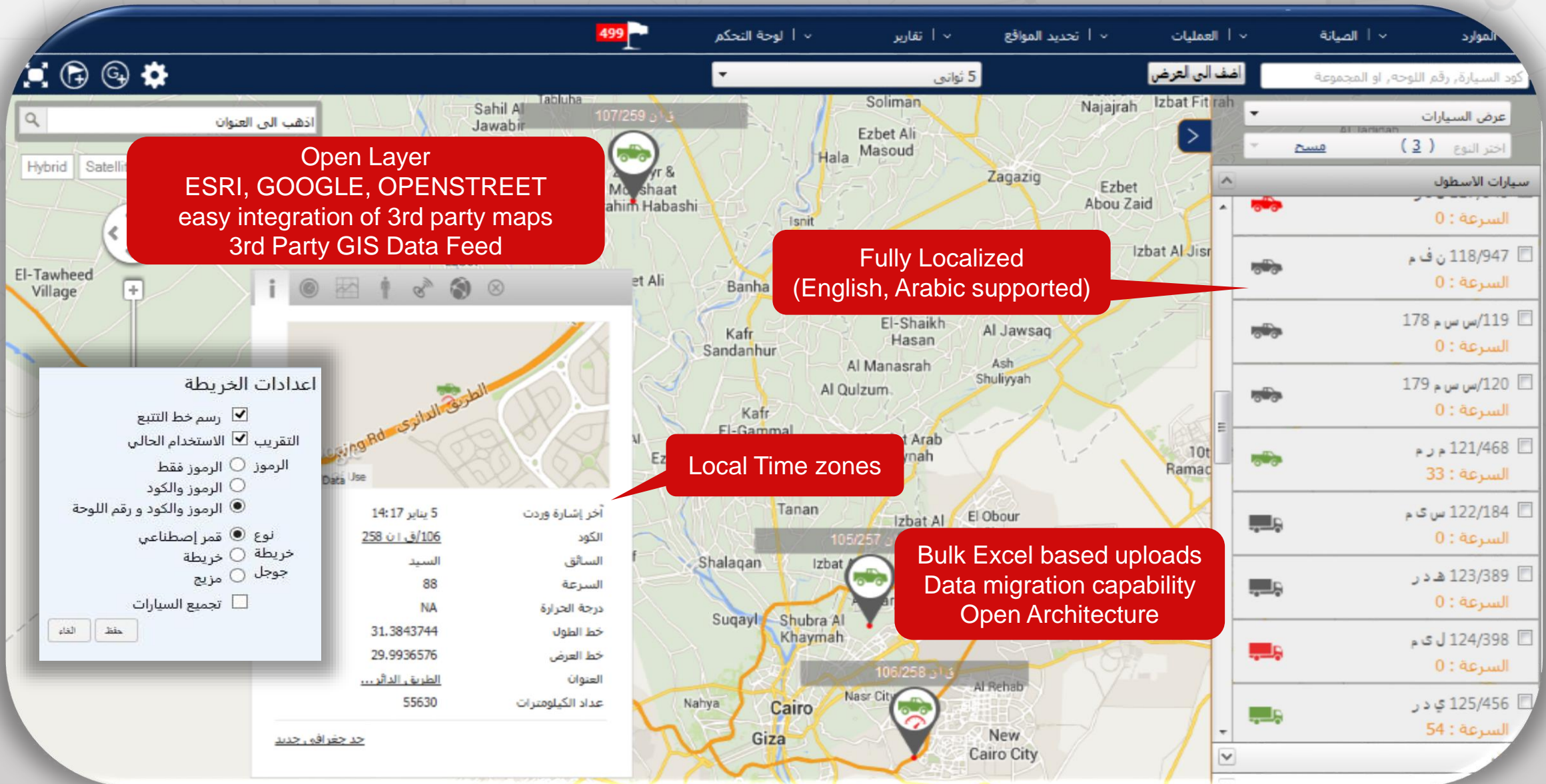
HYBRID MODEL

A combination of the above

Enterprise Implementations On Customer Servers



Multilingual, Localization and Map/GIS Support



Open Layer
ESRI, GOOGLE, OPENSTREET
easy integration of 3rd party maps
3rd Party GIS Data Feed

Fully Localized
(English, Arabic supported)

Local Time zones

Bulk Excel based uploads
Data migration capability
Open Architecture

اعدادات الخريطة

- ☒ رسم خط التتبع
- ☒ التقريب
- ☐ الرموز فقط
- ☐ الرموز والكود
- ☒ الرموز والكود و رقم اللوحة
- ☒ نوع قمر إصطناعي
- ☐ خريطة
- ☐ جوجل
- ☐ تجميع السيارات

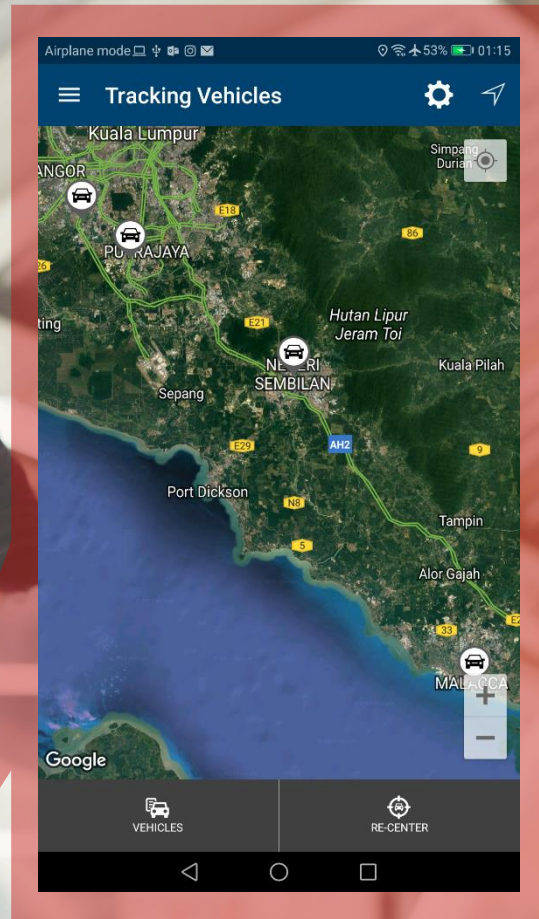
الخام حفظ

5 يناير 14:17 آخر إشارة وردت
106/105 ف.ا.ن 258
السيد
88
NA
31.3843744
29.9936576
الطريق الدائري
55630

كود
السائق
السرعة
درجة الحرارة
خط الطول
خط العرض
العنوان
عداد الكيلومترات

جد جغرافي جديد

عرض السيارات	اختار النوع (3)	مسيح
سيارات الاسطول	السرعة : 0	
	118/947 ن ف م	
	السرعة : 0	
	119/س س م 178	
	السرعة : 0	
	120/س س م 179	
	السرعة : 0	
	121/468 م ر م	
	السرعة : 33	
	122/184 س س م	
	السرعة : 0	
	123/389 ه ه ر	
	السرعة : 0	
	124/398 ل ي م	
	السرعة : 0	
	125/456 ي د ر	
	السرعة : 54	



Mobile App

Access anywhere anytime
on iOS and Android

THANK YOU