



VEHICLE TRACKING SYSTEM



Why Assets Need To Be Tracked?



Know the location, movements, status and behaviour of your asset in just one click!.



Prevent Theft by using Geo zone Violation alerts. Ability to remotely cut-off the fuel / Power (SWITCH-OFF) the machine.



Prevent Personal usage and Fraud by the operators. Increase Operator productivity by using Idle alerts and Geo zone alerts.



Real-time monitoring of the vehicles increases resource optimization, operation efficiency and customer satisfaction.



Provides a variety of customizable management reports that gives managers the ability to gauge the effectiveness of their fleets and machines in the market.





MOVE TRACK

Benefits



TRACKING R & D COMPANY

Dedicated R & D team for Software & Hardware. Complete Software Source code & Hardware Ownership



SAFE & SECURE TECHNOLOGY

Robust Java/J2EE Enterprise Technology



CLOUD COMPUTING

State of the Art Cloud computing with 99.99% Uptime Availability



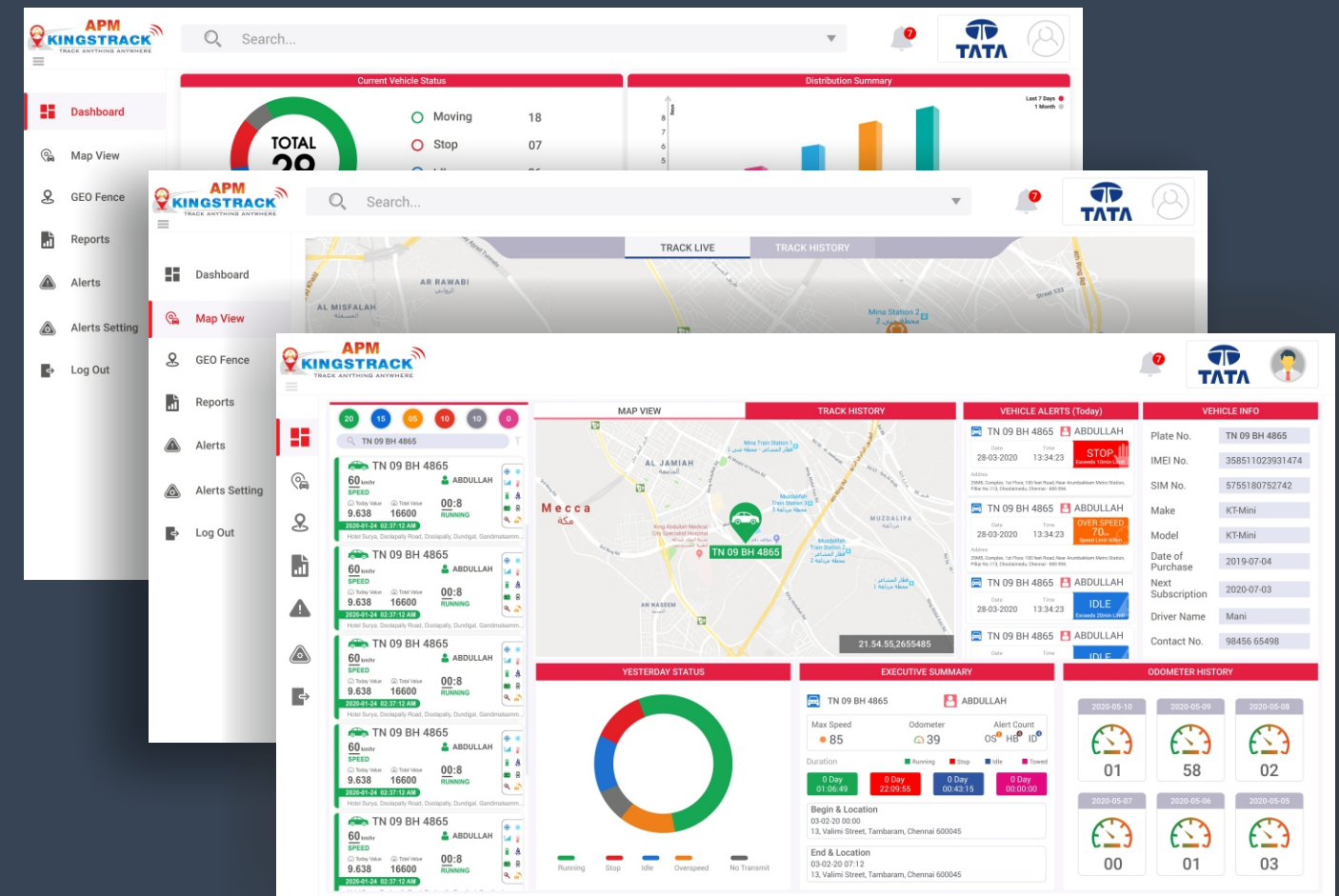
CUSTOMIZATION & ERP INTEGRATION

With a strong team of Business Analysts/Technical Architects and source code ownership, we can customize the software as per client's needs.



WELL ESTABLISHED

Officially approved in KSA by CITC with top premium clients



Dashboard

Map View

GEO Fence

Reports

Alerts

Alerts Setting

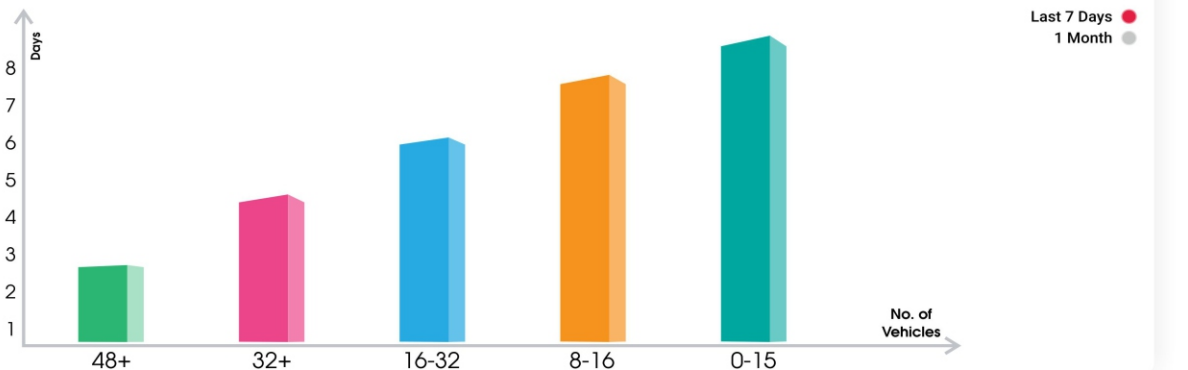
Log Out

Current Vehicle Status

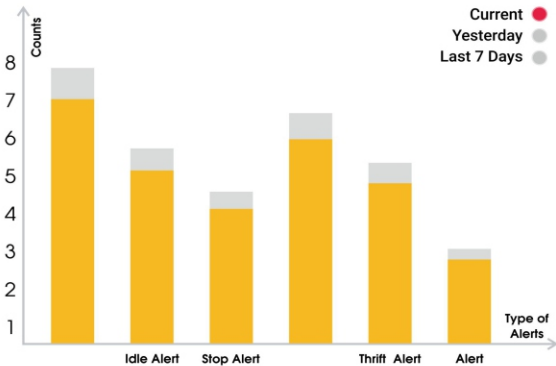


Moving	18
Stop	07
Idle	06
No Transmit	03

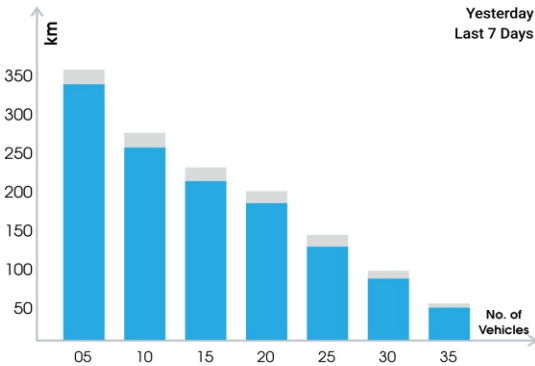
Distribution Summary



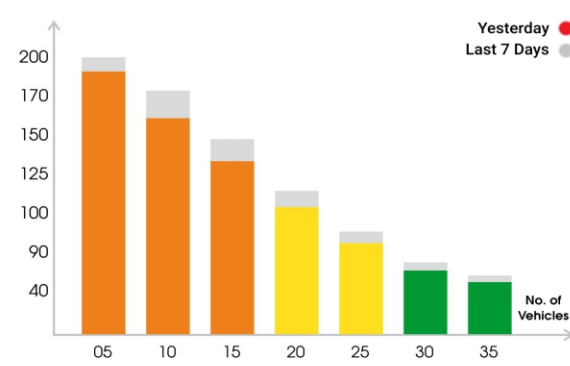
Alert Count Summary



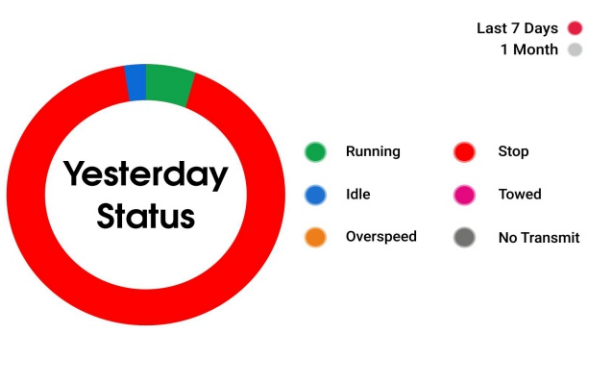
Odometer Summary



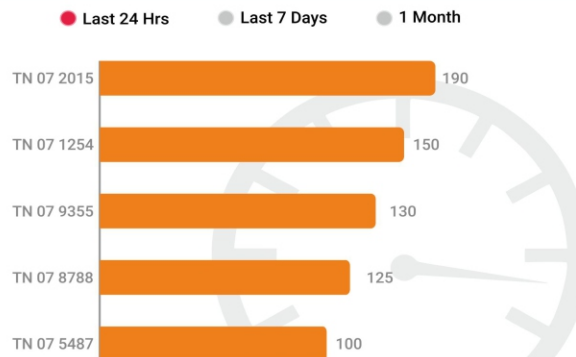
Speedometer Summary



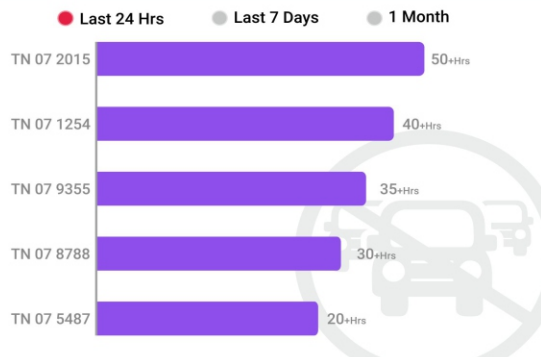
Distribution Summary



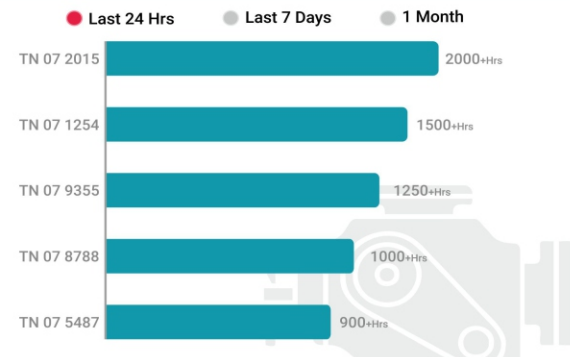
Top 5 Over speed Vehicles



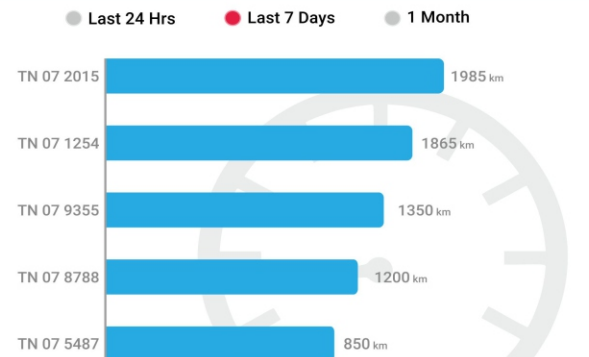
Top 5 Unused Assets



Top 5 Engine Hrs



Top 5 Odometer Vehicles





MOVEITRACK

Live Tracking



20 15 05 10 10 0

🔍 TN 09 BH 4865

TN 09 BH 4865

ABDULLAH

60 km/hr

SPEED

9.638

16600

00:8

RUNNING

2020-01-24 02:37:12 AM

Hotel Surya, Doolapally Road, Doolapally, Dundigal, Gandimalsamm...

TN 09 BH 4865

ABDULLAH

60 km/hr

SPEED

9.638

16600

00:8

RUNNING

2020-01-24 02:37:12 AM

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16600

00:8

RUNNING

2020-01-24 02:37:12 AM

Hotel Surya, Doolapally Road, Doolapally, Dundigal, Gandimalsamm...

MAP VIEW



TRACK HISTORY

VEHICLE ALERTS (Today)

TN 09 BH 4865

ABDULLAH

STOP

Exceeds 10min Limit

Date
28-03-2020

Time
13:34:23

Address
25MB, Complex, 1st Floor, 100 feet Road, Near Arumbakkam Metro Station, Pillar No.113, Choolaimedu, Chennai - 600 094.

TN 09 BH 4865

ABDULLAH

OVER SPEED

70 km

Speed Limit 60km

Date
28-03-2020

Time
13:34:23

Address
25MB, Complex, 1st Floor, 100 feet Road, Near Arumbakkam Metro Station, Pillar No.113, Choolaimedu, Chennai - 600 094.

TN 09 BH 4865

ABDULLAH

IDLE

Exceeds 20min Limit

Date
28-03-2020

Time
13:34:23

Address
25MB, Complex, 1st Floor, 100 feet Road, Near Arumbakkam Metro Station, Pillar No.113, Choolaimedu, Chennai - 600 094.

TN 09 BH 4865

ABDULLAH

IDLE

Date
28-03-2020

Time
13:34:23

VEHICLE INFO

Plate No.	TN 09 BH 4865
IMEI No.	358511023931474
SIM No.	5755180752742
Make	KT-Mini
Model	KT-Mini
Date of Purchase	2019-07-04
Next Subscription	2020-07-03
Driver Name	Mani
Contact No.	98456 65498

YESTERDAY STATUS



Running Stop Idle Overspeed No Transmit

EXECUTIVE SUMMARY

TN 09 BH 4865

ABDULLAH

Max Speed
85

Odometer
39

Alert Count
OS⁵ HB² ID⁴

Duration

0 Day
01:06:49

0 Day
22:09:55

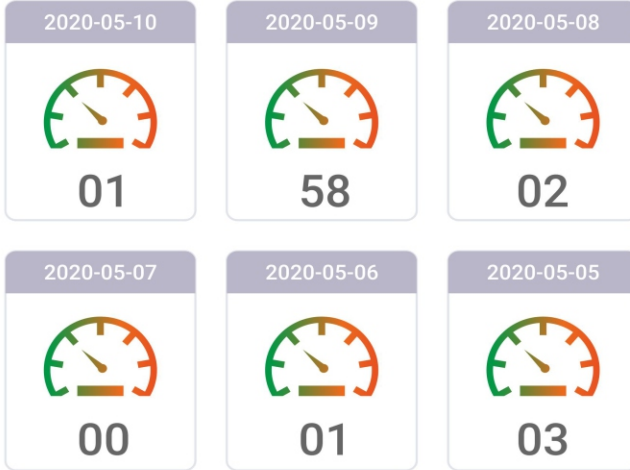
0 Day
00:43:15

0 Day
00:00:00

Begin & Location
03-02-20 00:00
13, Valimi Street, Tambaram, Chennai 600045

End & Location
03-02-20 07:12
13, Valimi Street, Tambaram, Chennai 600045

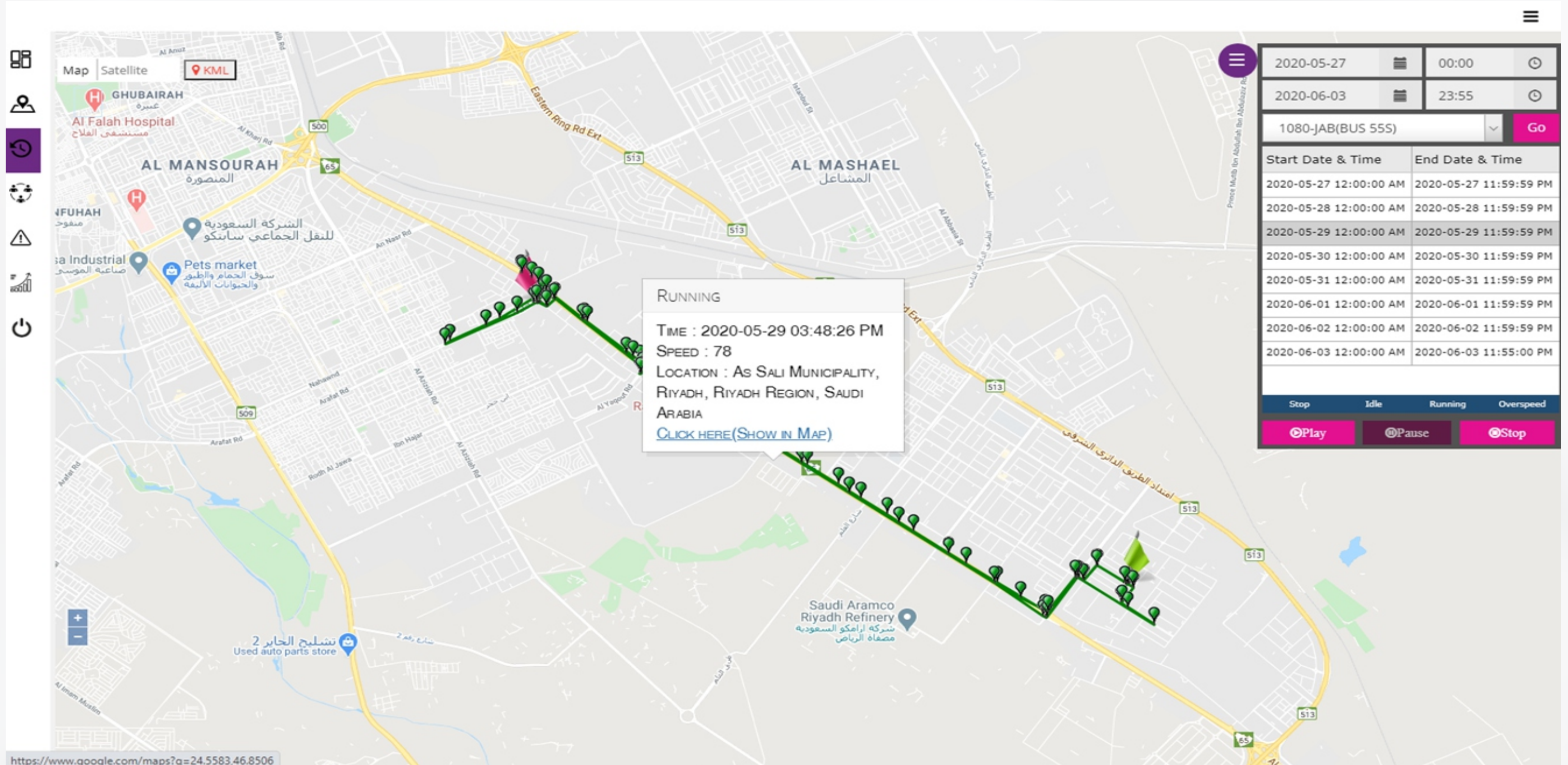
ODOMETER HISTORY





MOVE2TRACK

Track History





MOVEITRACK

Map View



Search...



Dashboard

Map View

GEO Fence

Reports

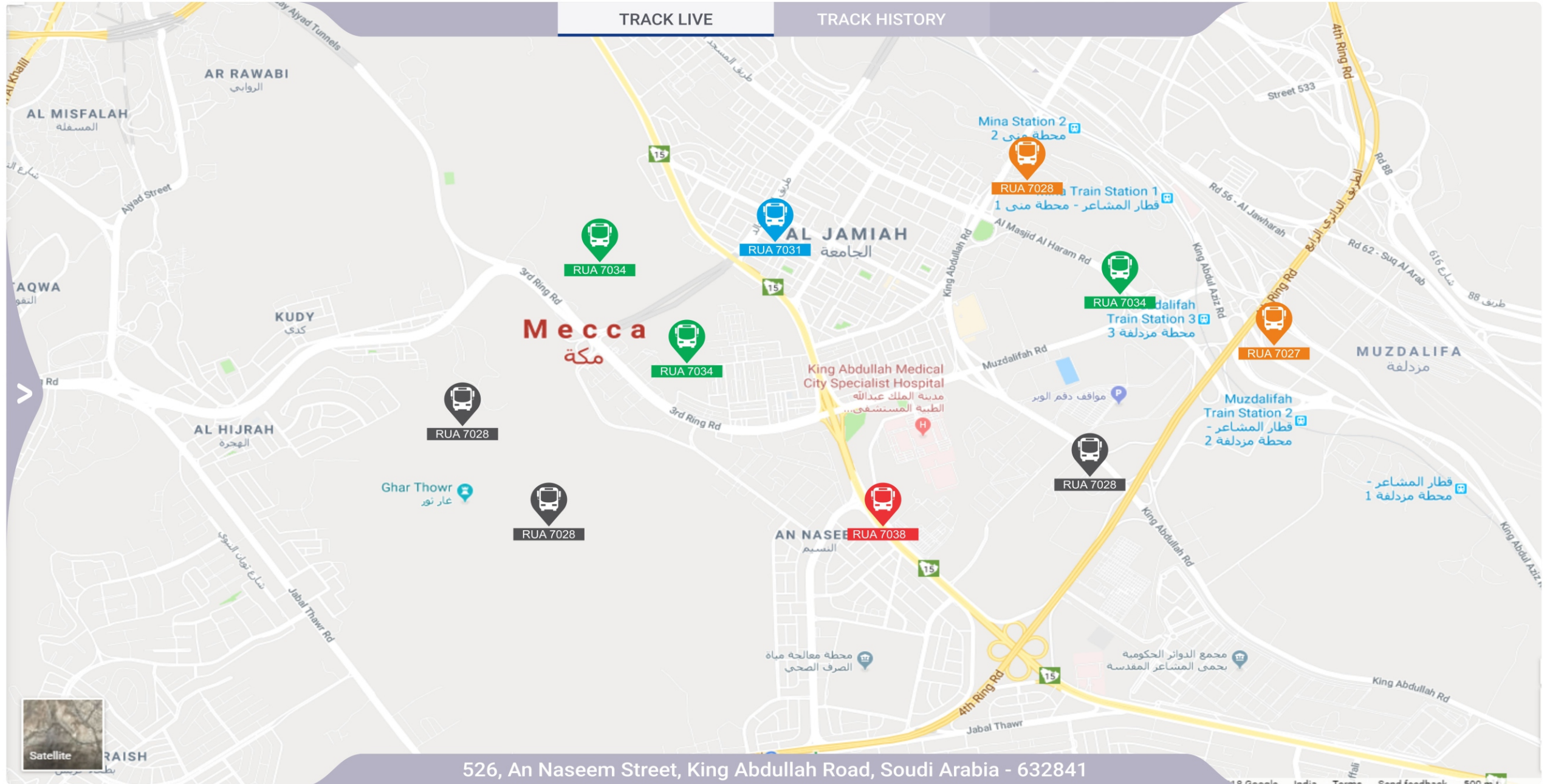
Alerts

Alerts Setting

Log Out

TRACK LIVE

TRACK HISTORY





Vehicles
Operators

🔍

11
ALL

1 Running	8 Stop	1 Idle	0 Overspeed
1 Offline	0 Yet to transmit	0 Online	0 Towed

🚚

0 KM

9832-BVA- (20")

2020-06-03 11:21:08 AM

40.8°C, 41.5°C

🚚

0 KM

7289-SWA(20")

2020-06-03 11:21:16 AM

15.8°C, 14.7°C

🚚

0 KM

6423-LUA

2020-06-03 11:21:08 AM

🚚

0 KM

8601-BHA(10")

2020-06-03 11:20:59 AM

41.3°C

🚌

60 KM

1080-JAB(BUS 55S)

2020-06-03 11:20:55 AM

🚚

0 KM

2384-ULA (BUS 15S)

2020-06-03 11:20:47 AM

🚚

0 KM

7415-ULA(BUS 34S)

2020-06-03 11:20:45 AM

Distance (Km)

2

	Plate Number	Distance (Km)	Status
<input type="checkbox"/>	6423-LUA	1	Stop
<input type="checkbox"/>	5166-KMA(20")	0	Stop
<input type="checkbox"/>	7291-SUA(20")	1	Stop
<input type="checkbox"/>	8601-BHA(10")	1	Stop
<input type="checkbox"/>	7415-ULA(BUS 34S)	1	Stop
<input type="checkbox"/>	7289-SWA(20")	1	Idle
<input type="checkbox"/>	9030-LBB(20")	1	Stop
<input type="checkbox"/>	5166-KMA(uninstalled)	1	No Transmission

Map

Satellite

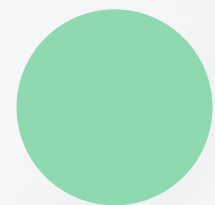
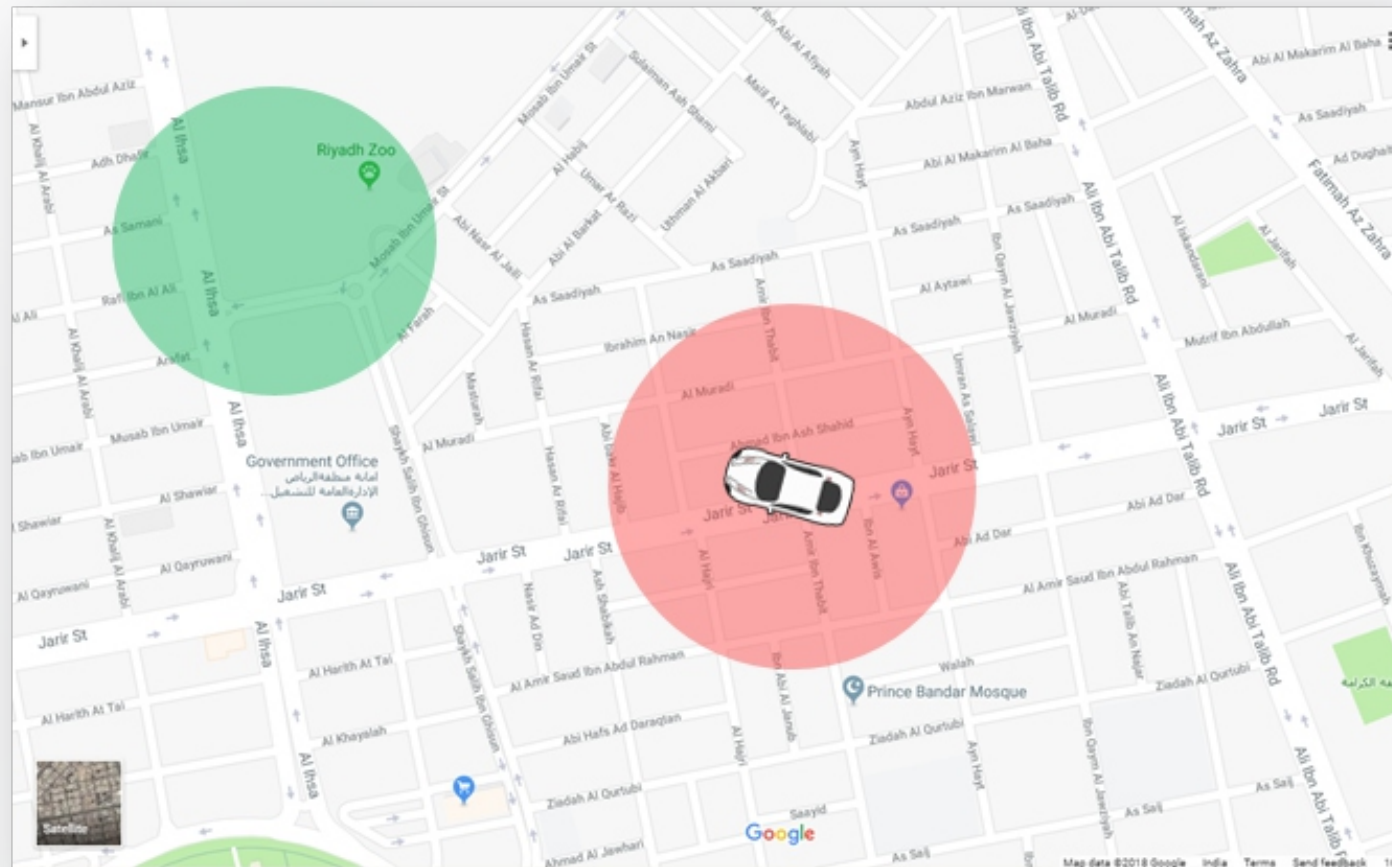
Dashboard

Live

History

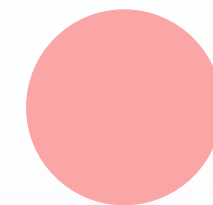
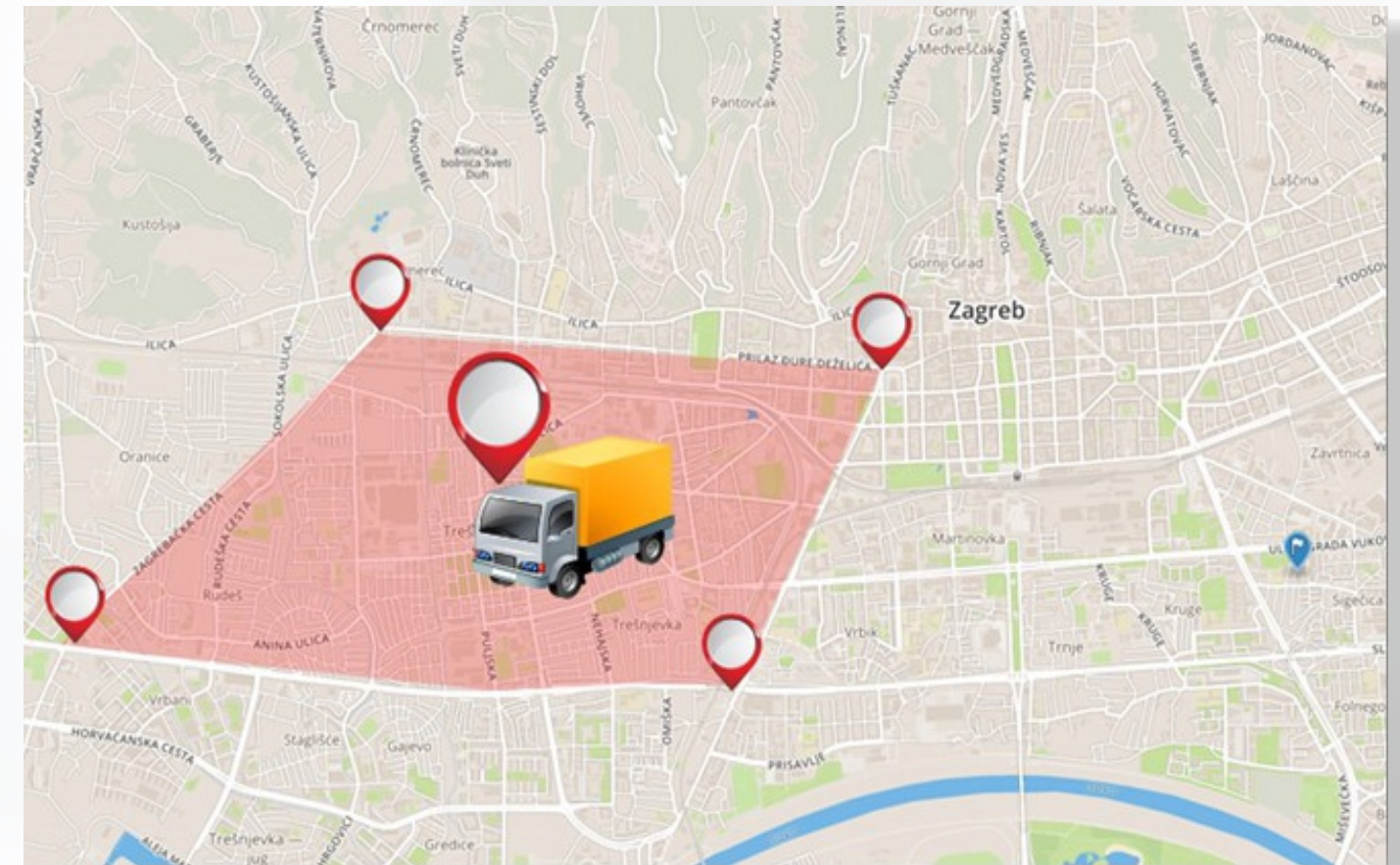
Nearby

GEO Zone

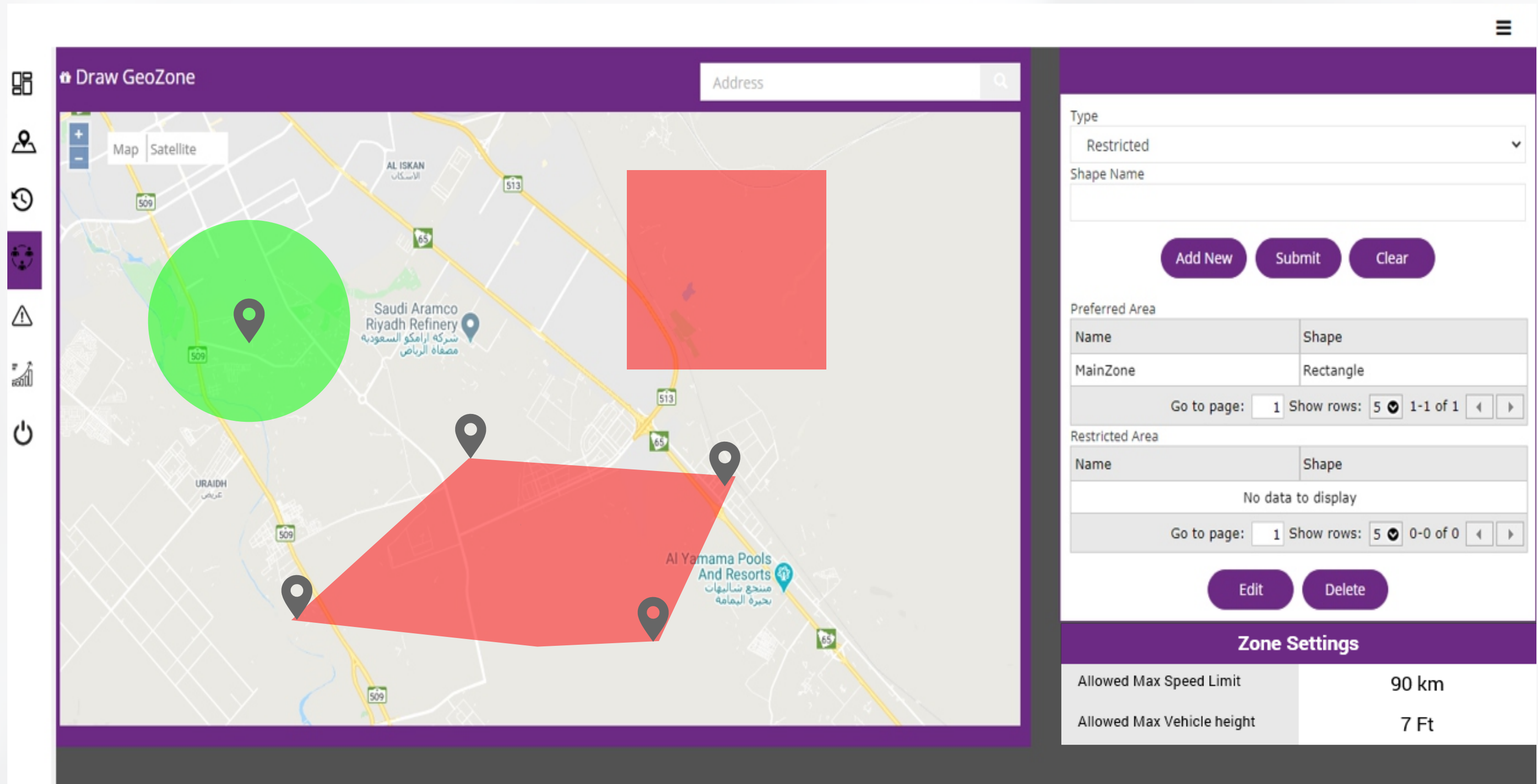


Preferred Geozone

Free Form GEO Zone



Restricted Geozone



Reports



Summary
Report



Alert
Report



Digital I/P
Report



Movement
Report



Stop
Report



GEO Zone
Report



Speed
Report



Drivers
Report




Customized
Reports


All reports are downloaded in PDF, Excel and direct print option available Reports are filter by a specific




Alerts



Overspeed
Alert



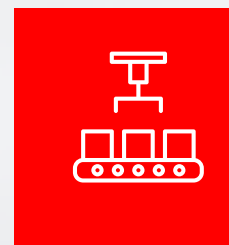
Stop
Alert



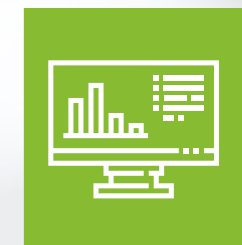
SOS
Alert



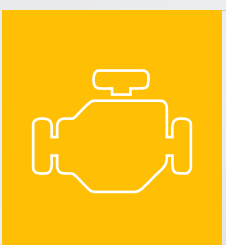
Maintenance
Alert




Optime
Alert




Digital I/P
Alert



Engine ON/OFF
Alert



Idle
Alert



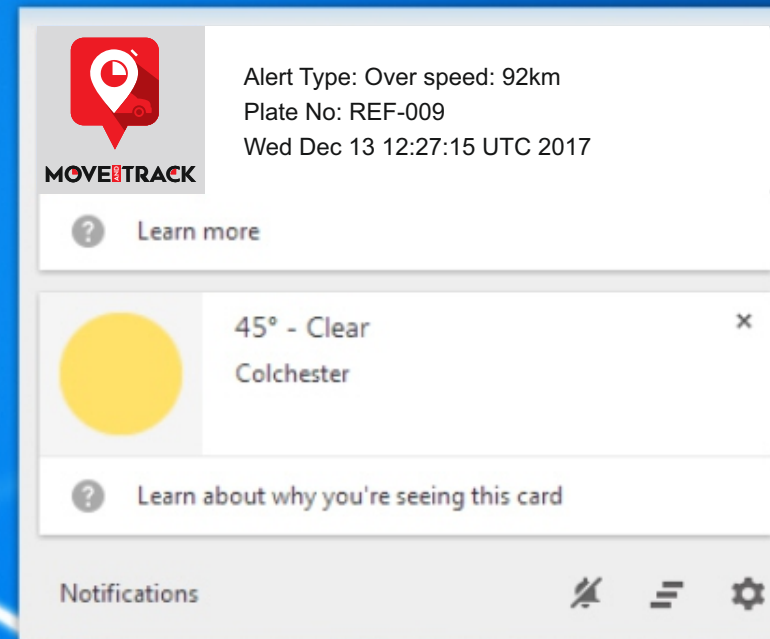
GEO Zone
Alert

All reports are downloaded in PDF, Excel and direct print option available Reports are filter by a specific

Alert Notifications



E-Mail Alert



Desktop Notification
Alert



Push Notification
Alert



Engine
Working Hours



Garbage Collector
Working Hours



Ac
Working Hours



Mechanical Sweeper
Working Hours



Panic Button
Alert



Fuel
Level Monitoring



Battery
Voltage Level

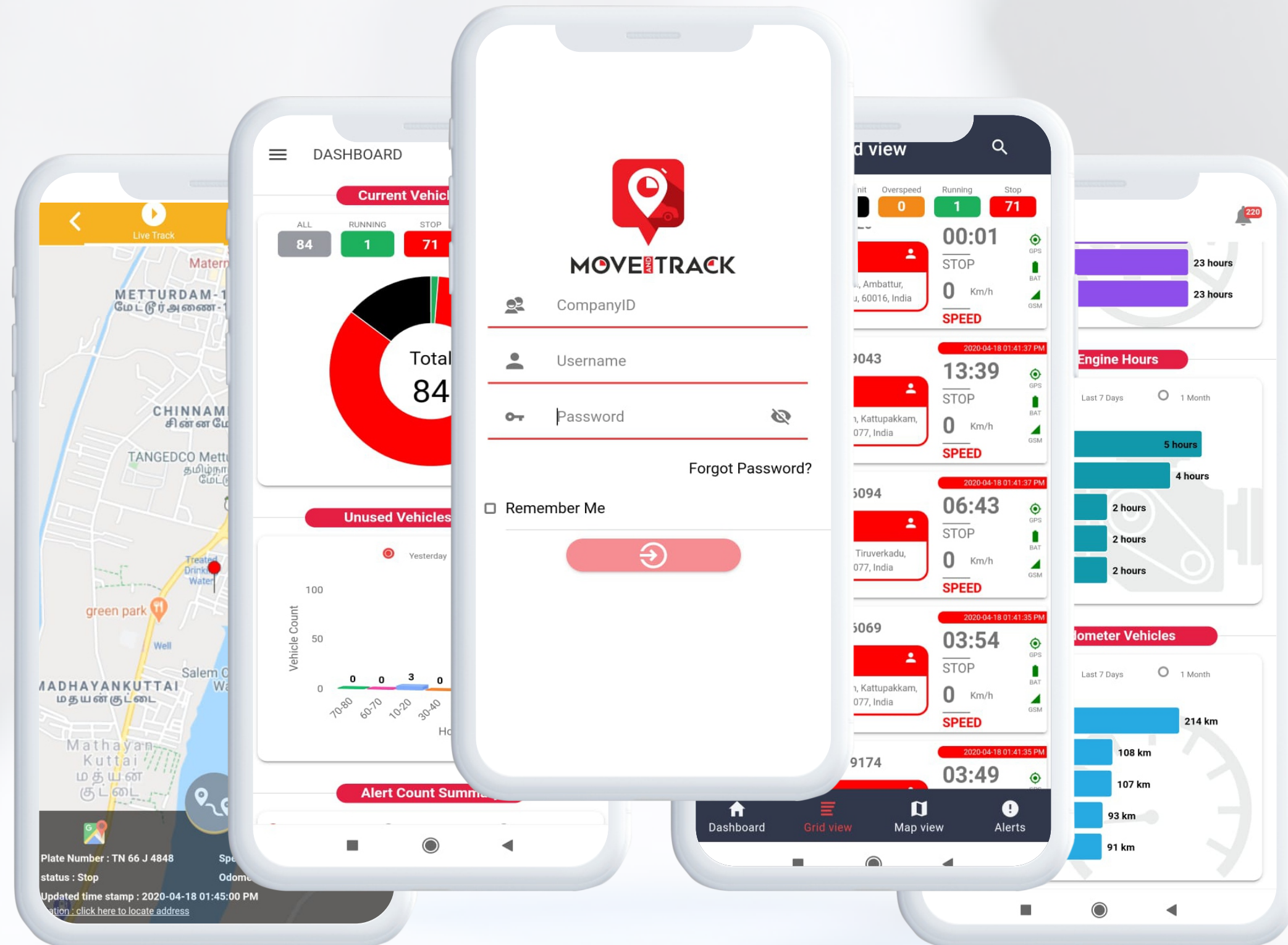


Temperature
Monitoring

All Reports Comes Along With Its Location, Time & Total Durations Of Active And Inactive



Mobile App For Vehicle Tracking - Android/IOS



Driver Identification Using RFID/ibutton

This accessory can be used when a vehicle is used by more than one person or when one person uses a number of vehicles. It shows who used the vehicle, and when, and who was in charge of it. It is possible to prevent start engine and notify the driver by an alarm sound incase of incorrect identification.





Harsh Acceleration



Harsh Breaking



Harsh Drifting



Overspeed Detection



Seat Belt Status



MOVE TRACK

Customizable System For Various Vehicles And Machineries



GENERATOR



CRANES



FORKLIFTS



EXCAVATORS



BULLDOZERS



CONCRETE MIXERS



AIR COMPRESSOR



BACKHOE LOADERS



CEMENT BULKERS



WELDING TRUCK



BITUMIN SPRAYERS



COMBINED ROLLERS



MEDIUM BUSES



BOOM TRUCKS

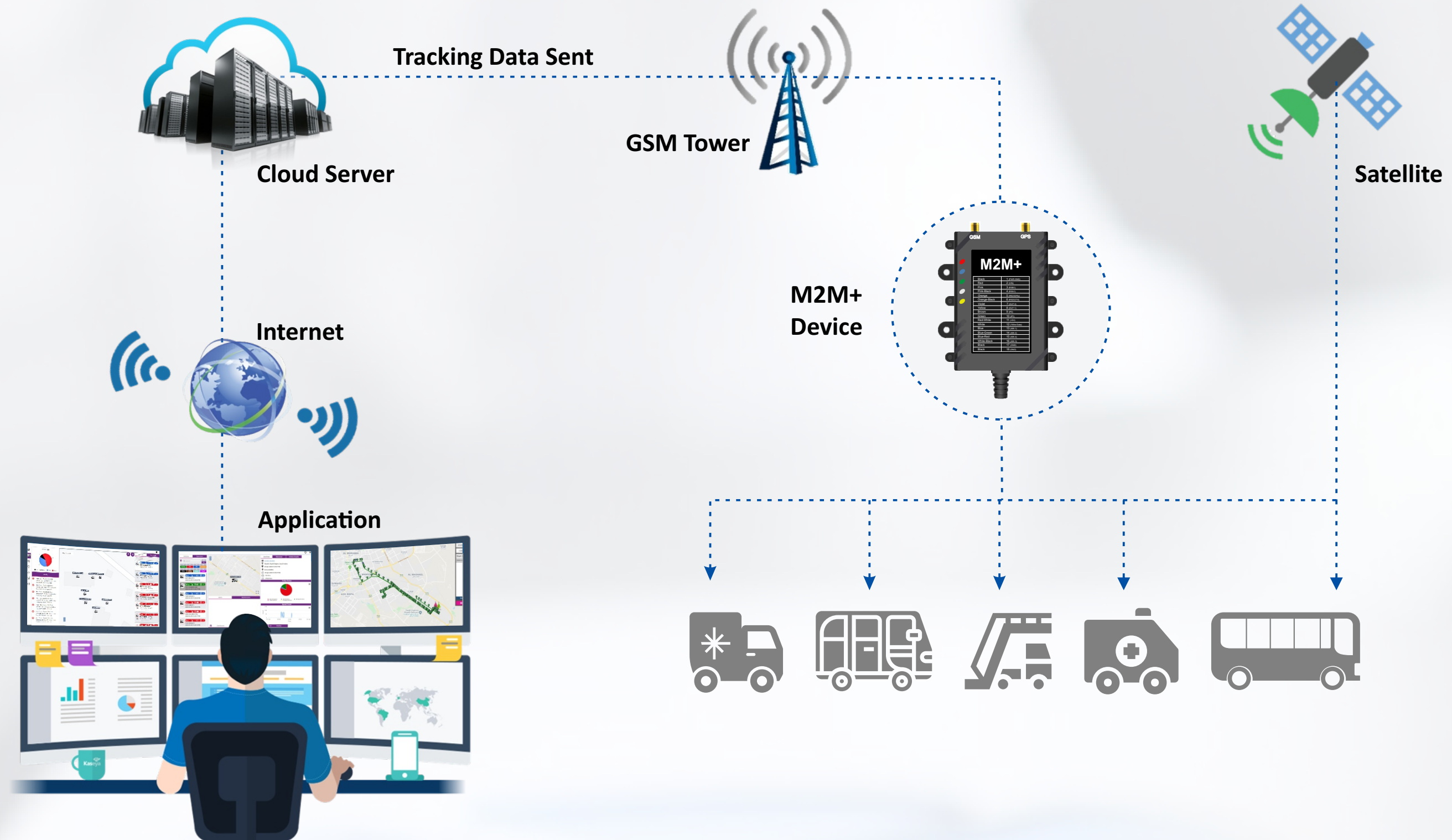


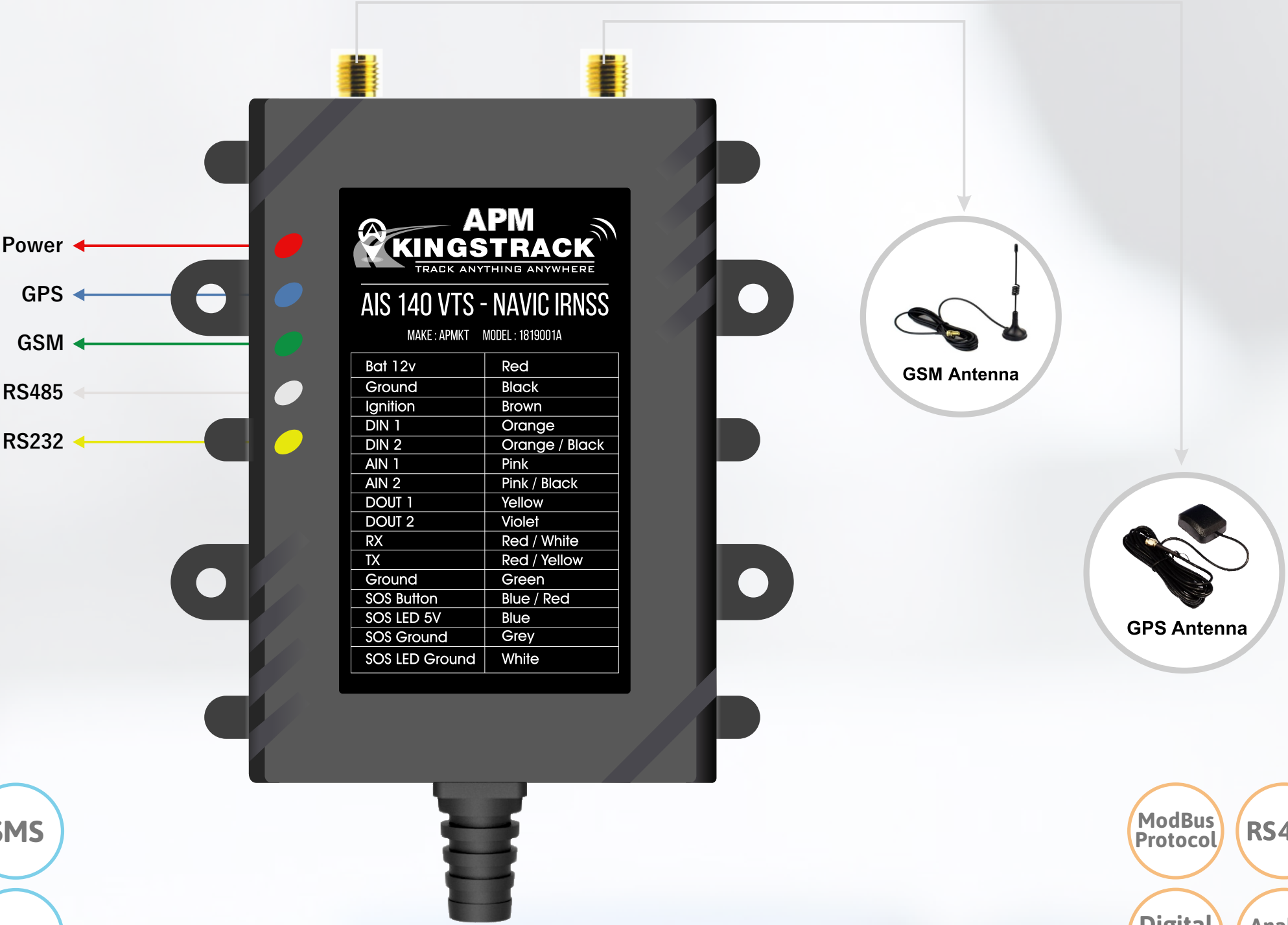
EARTH ROLLERS



MOTOR CYCLE

How It Works





Software Features

- TCP IP
- GPRS
- FOTA
- SMS
- 4G/NB IOT
- FALL BACK TO 2G
- IPV4/IPV6 PROTOCOL
- MOTT

Hardware Features

- ModBus Protocol
- RS485
- RS232
- 1-Wire
- Digital I/P
- Digital O/P
- Analog I/P
- GPS
- External Antenna
- Wide Range Power I/P



MOVEITRACK

Technical Specification



MCU

Core ARM Cortex 32-Bit
48MHz

MEMORY FOR OFFILE LOGS

Type NAND Flash
Size 16Mbit / 10000 Logs

BLUETOOTH

Baud Rate 2400 to 115200 Configurable
Hardware Handshake No

RS-232

Baud Rate 2400 to 115200 Configurable
Hardware Handshake No

ACCELEROMETER

Measurement Range +/-2g to +/- 16g
Resolution 16Bit

GYROSCOPE

Measurement Range +/-2g to +/- 16g
Resolution 16Bit

CELLULAR

GSM & GPS MODULE EG25-G
Worldwide LTE Cat 4, UMTS/HSPA+ and
GSM/GPRS/EDGE coverage

2G Bands GSM: B2/B3/B5/B8
3G Bands UMTS: B1/B2/B4/B5/B6/B8/B19

4G Bands LTE FDD: B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/
B19/B20/B25/B26/B28
LTE TDD: B38/B39/B40/B41

Data Transfer **LTE:**
LTE FDD: Max 150Mbps (DL)/Max 50Mbps (UL)
LTE TDD: Max 130Mbps (DL)/Max 30Mbps (UL)

UMTS:
DC-HSDPA: Max 42Mbps (DL)
HSUPA: Max 5.76Mbps (UL)
WCDMA: Max 384Kbps (DL)/Max 384Kbps (UL)
GSM:
EDGE: Max 296Kbps (DL)/Max 236.8Kbps (UL)
GPRS: Max 107Kbps (DL)/Max 85.6Kbps (UL)

Protocols
TCP/UDP/PPP/FTP/HTTP/NTP/PING/QMI/NITZ/
SMTP/CMUX*/HTTPS*/MMS*/FTPS*/SMTPS*/
SSL*/FILE*

GNSS
GPS/GLONASS/BeiDou/Galileo/QZSS (Optional)
Receiver
Tracking Sensitivity -147 dBm
Accuracy < 4meters
Hot Start < 2s
Warm Start < 28s
Cold Start < 35s

ELECTRICAL

Input Voltage 6V to 30VDC
Protections Reverse Battery, Transient Protection, Built-In PTC Fuse,
Under Voltage lockout

ESD Protection 4kV
Power Consumption Less than 1 watt (In High- Performance mode)
Less than 0.25 watt (In Power-Saving mode)

INTERNAL BATTERY

Type Li-ion Rechargeable
Capacity 650mAh @ 3.7V
Protection Built in to battery pack

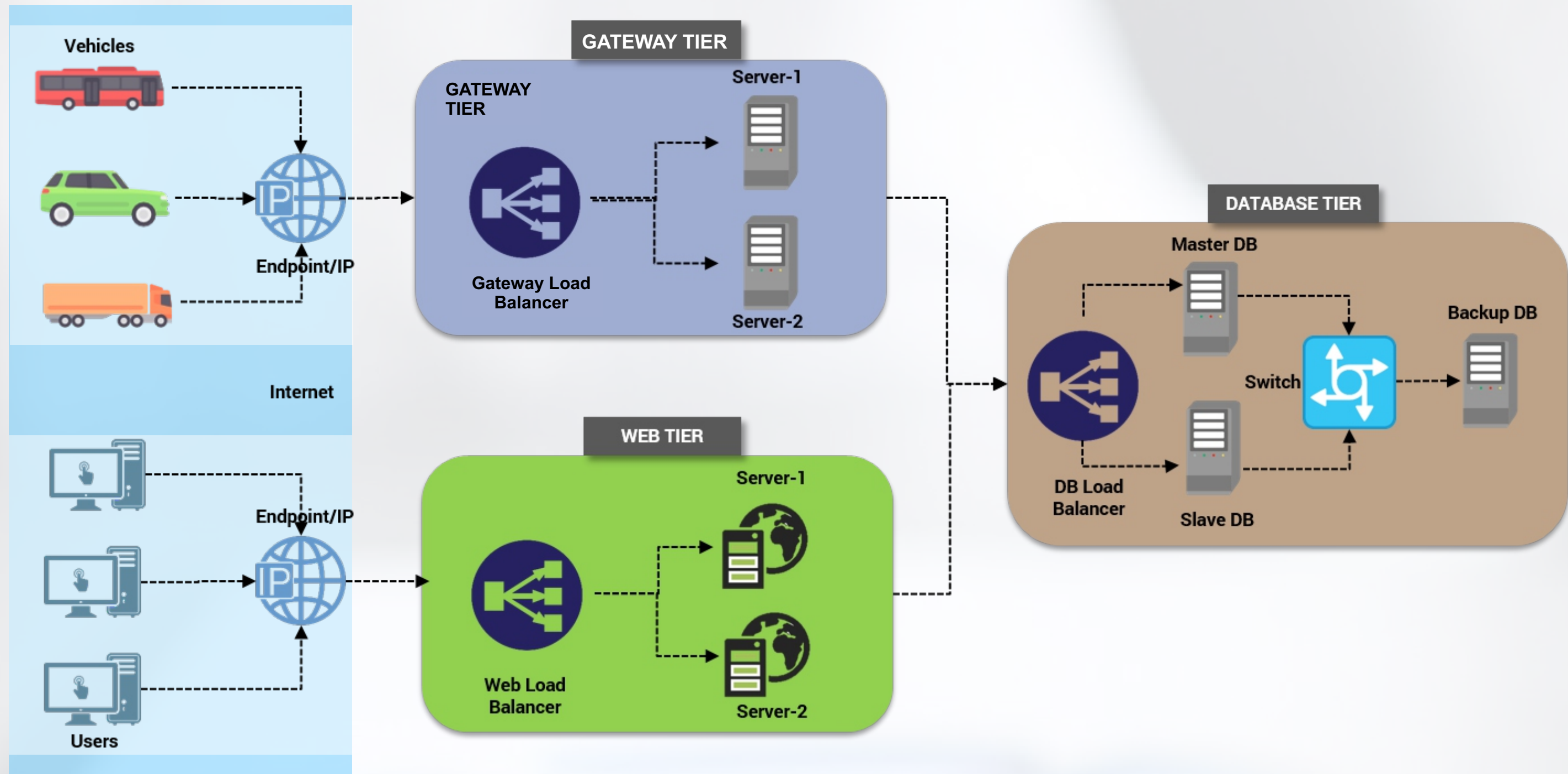
ENVIRONMENTAL

Operating Temperature -40 to 85 Deg C

MECHANICAL

Dimensions X X X mm
Box Material ABS
Ingress Protection Ip64
Weight 250 grams (Approx.)

Vehicle Tracking Data Work Flow & Infrastructure Architecture

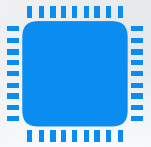


Server Specifications



LINUX PLATFORM

Class : Server | Operating System : Ubuntu server 16.04 LTS



PROCESSOR

CPU : Intel (R) Xeon (R) CPU E5-2673 v3 @ 2.40GHz or Similar

Cores : 4 | Threads : 8 | Clock speed : 2.4GHz | Turbo Speed : 4.0 GHz



MEMORY

Memory : 2 x 8 GB



HARD DRIVE

500GB (SATA)

Other Products

B2B



Work Force Management



School Kids Tracking

B2C



Personal Tracking

Indian Clients

International Clients





25 MB Complex, 1st Floor, Loganathan Nagar 2nd Street,
Jawaharlal Nehuru Salai, 100ft Road, Choolaimedu,
Chennai 600 094.



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