



INSPIRING MOBILE AUTOMATION
SINCE **1972**



ARCHITECTURED BY MOBA



45 YEARS OF EXPERIENCE IN MOBILE AUTOMATION

- MADE IN GERMANY
- SET UP INTERNATIONALLY
- CERTIFIED QUALITY MANAGEMENT
- WORLDWIDE EXPERTISE AND KNOW-HOW
- HIGH QUALIFIED EMPLOYEES
- EFFECTIVE PRODUCTION PROCESSES
- STATE-OF-THE-ART TECHNOLOGIES AND PRODUCTS

TOP 100 AWARD

THE MOBA IS ONE OF THE TOP 100
MOST INNOVATIVE MID-SIZE
COMPANIES IN GERMANY

Indian Office and Plant situated at Gandhinagar, Gujarat since 2004

Preferred OEM suppliers to Ammann, Volvo, JCB, Dynapac, BEML, EPIROC, CNH.....

Strong Local Support with people strategically located across nation

INTEGRATED

DESIGNED BY MOBA

FLMS

FUEL LEVEL MONITORING SYSTEM

- FLMS - BASIC
- FLMS - BASIC + DRIVER MANAGEMENT
- FLMS - BASIC + DRIVER MANAGEMENT + FLEET

FDMS

FUEL DISPENSING MANAGEMENT SYSTEM

- FDMS
- FDMS - LITE
- FDMS - LITE + BT

INTEGRATED SITE MANAGEMENT

Based on Technology Used

OPTION 1: Ultrasonic



OPTION 2: Probe Based

Fuel Level **Measurement** System

Pilferage Monitoring



GPS Indept Analysis



Vehicle Performance



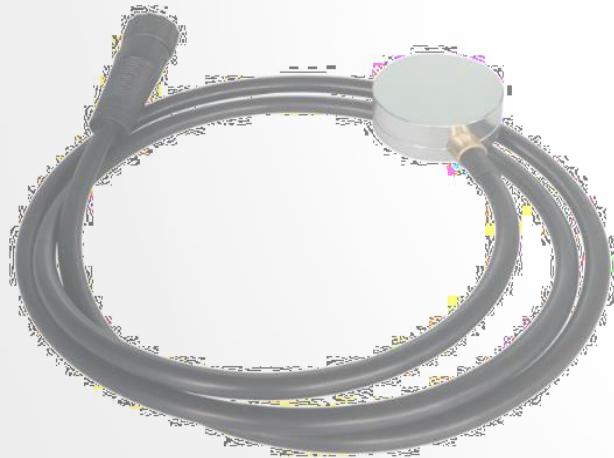
Geo Tagging Site



Driver Performance



F L M S Ultrasonic



Best option for symmetrical tanks upto thickness of 5mm.

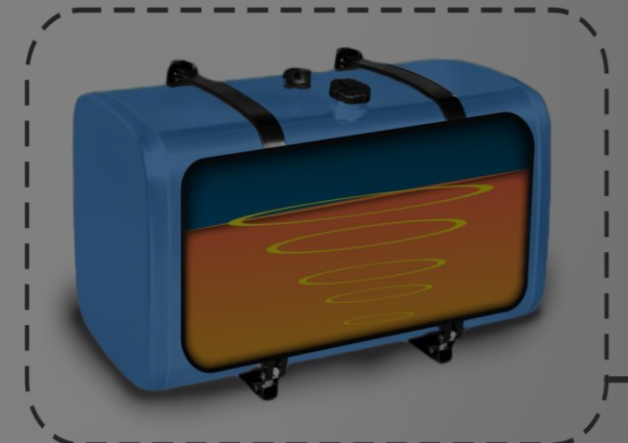
No need of any drilling or tampering of fuel tank.

Terrain Indication with fuel level.

Easy and fast to calibrate.

High accuracy- Deviation upto 0.5 mm ~1 liter of fuel

MOBA[®]
MOBILE AUTOMATION
**FUEL LEVEL
MONITORING SYSTEM**



MOBA FUEL LEVEL SENSOR



F L M S

Probe based

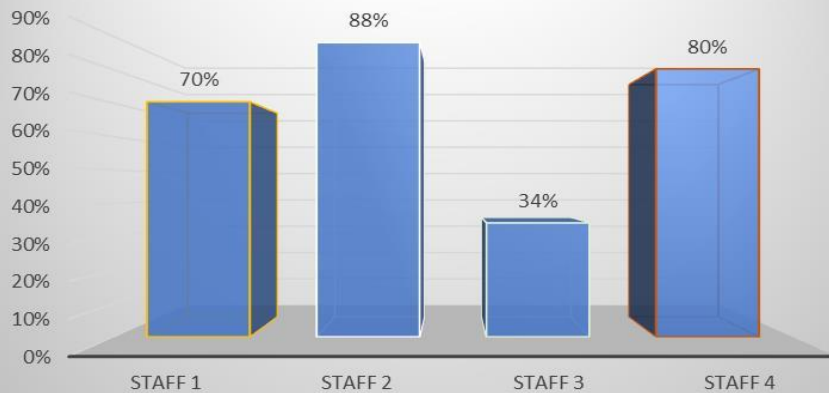
Best option for machinery with thick and asymmetrical tanks. Drilling on top of tank is required for

Range- 1000

mm Easy to calibrate.

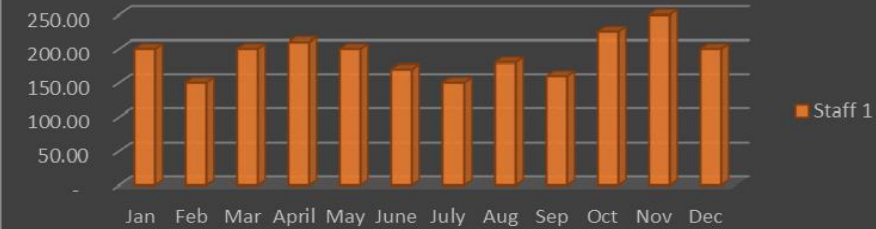
High accuracy- better the calibration steps better the accuracy

Yearly Productivity

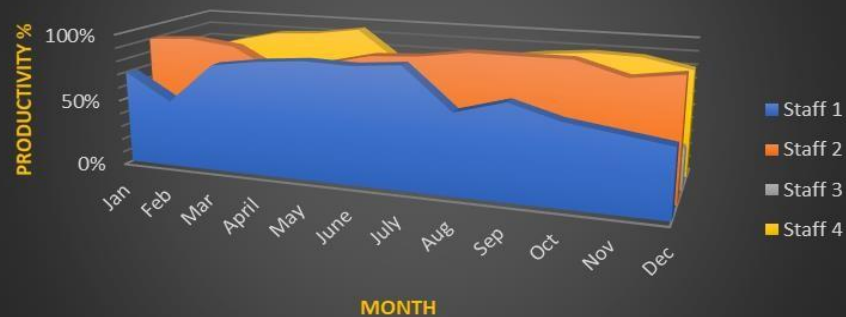


Driver monitoring system not only helps in allowing right person to operate right machine but also helps in identifying the best

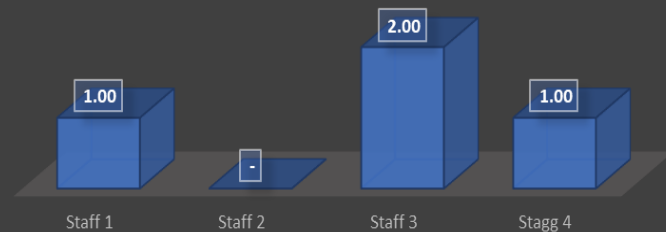
WORKING HOURS



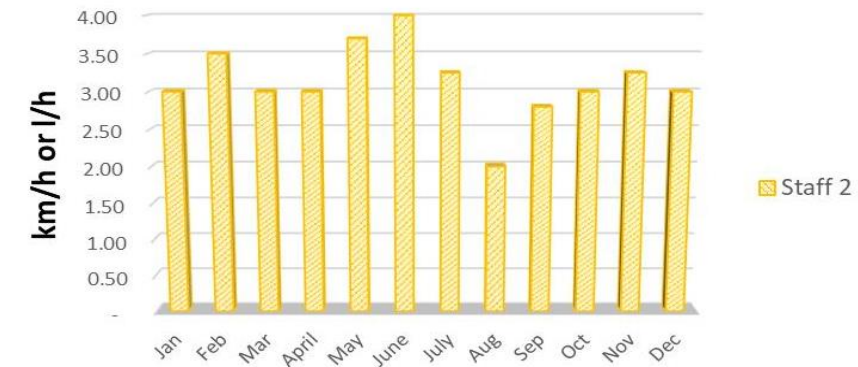
Productivity Comparison Monthwise



VARIFIED FUEL DROP ALARM FOR THE PERIOD



VEHICLE AVERAGE



AT THE END OF THE DAY, YOU BET ON PEOPLE NOT ON STRATEGIES

PERFORMANCE EVALUATION

Working Hours

Machine Idle

Over Speed

Vehicle Average

Total Fuel Consumption

Types of Machine
handling

Comparison with
Standards

Total Drivers vs Actual
utilized Drivers

Comparison with
Industry

MOBA
MOBILE AUTOMATION

Login Name



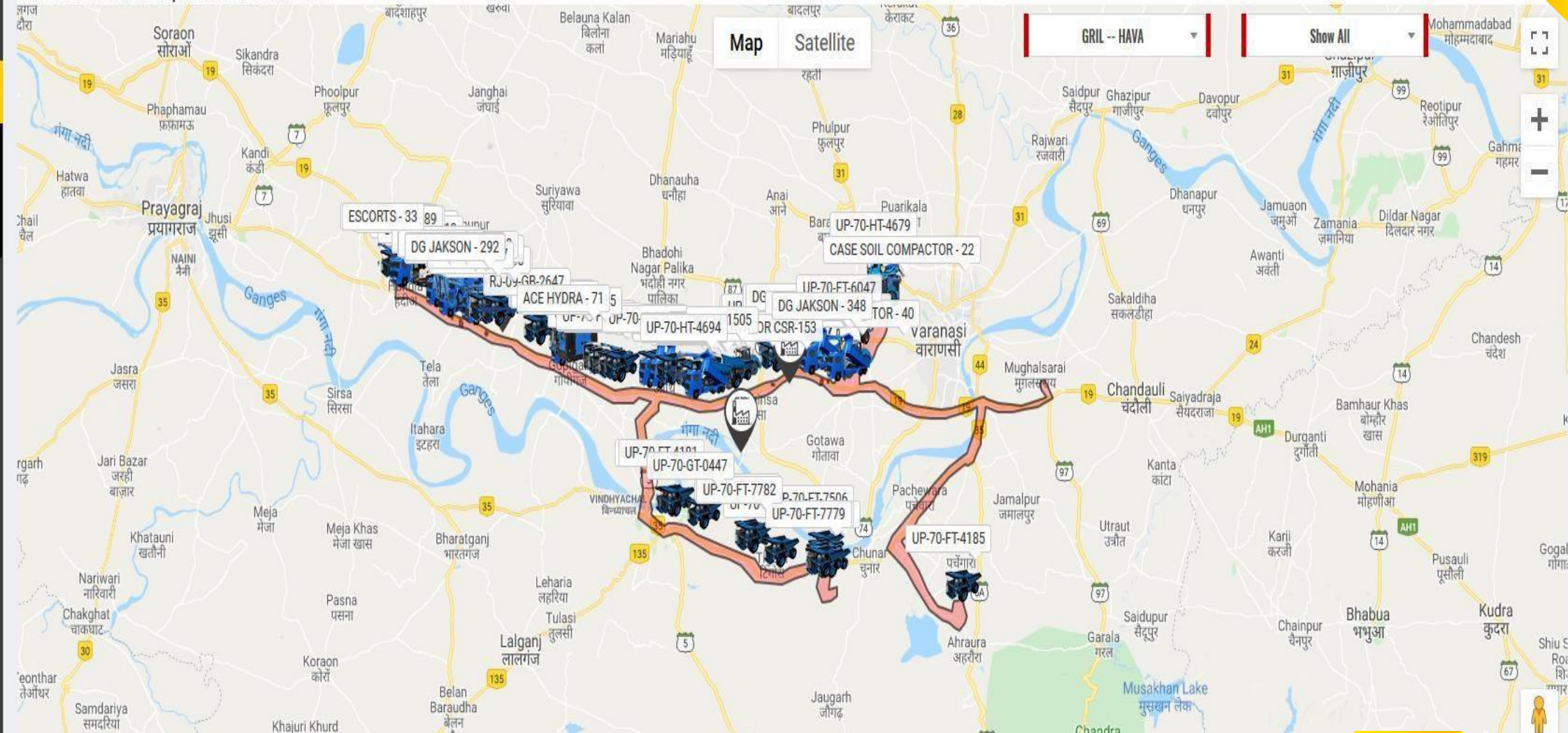
Password



Fleet Tracking & Geofence

Equipment Livetrack

Select a vehicle from the dropdown to see live information!



MAIN NAVIGATION

Dashboard

Asset Tracking

Livetrack

Single Track

Administration

FLMS

Fleet Management

Reports

Livetrack

Vehicle: GJ-06-Y-6300, Date & Time: 8/6/2019 12:43:08 PM, Location: 10.5 km from site RKC Camp - Sarigam, Ignition: Off, Odometer: 6895.567, Speed: 0, Fuel: 111.76, LLV: 233.9

Individual Vehicle Tracking

Map

Satellite

GJ-06-Y-6300

- MAIN NAVIGATION
- Dashboard

Asset Tracking

Administration

FLMS

Fleet Management

Reports

Reports Vehicle reports

Home > Reports

Select Options

Sites

Vehicles

From Date

To Date

Report Type

Click to View

All

GJ-25-U-3443 (Tipper)

22-05-2019 12:00 AM

08-06-2019 11:55 PM

Fuel Report

View

Fuel graph Report for GJ-25-U-3443

Date Range 22.05.2019 12:00:00 AM AND 08.06.2019 11:55:00 PM

Fuel chart against time

Fuel (litres)

350

300

250

200

150

100

50

0

22. May

23. May

24. May

25. May

26. May

27. May

28. May

29. May

30. May

31. May

1. Jun

2. Jun

3. Jun

4. Jun

5. Jun

6. Jun

7. Jun

8. Jun

Date

Fuel Report

Highcharts.com

Reports Vehicle reports

Home > Reports

Select Options

Sites

All

Vehicles

GJ-25-U-3443 (Tipper)

From Date

08-06-2019 12:00 AM

To Date

08-06-2019 11:55 PM

Report Type

Fuel Report with I&T

Click to View

View

Fuel Report for GJ-25-U-3443

Zoom

1m

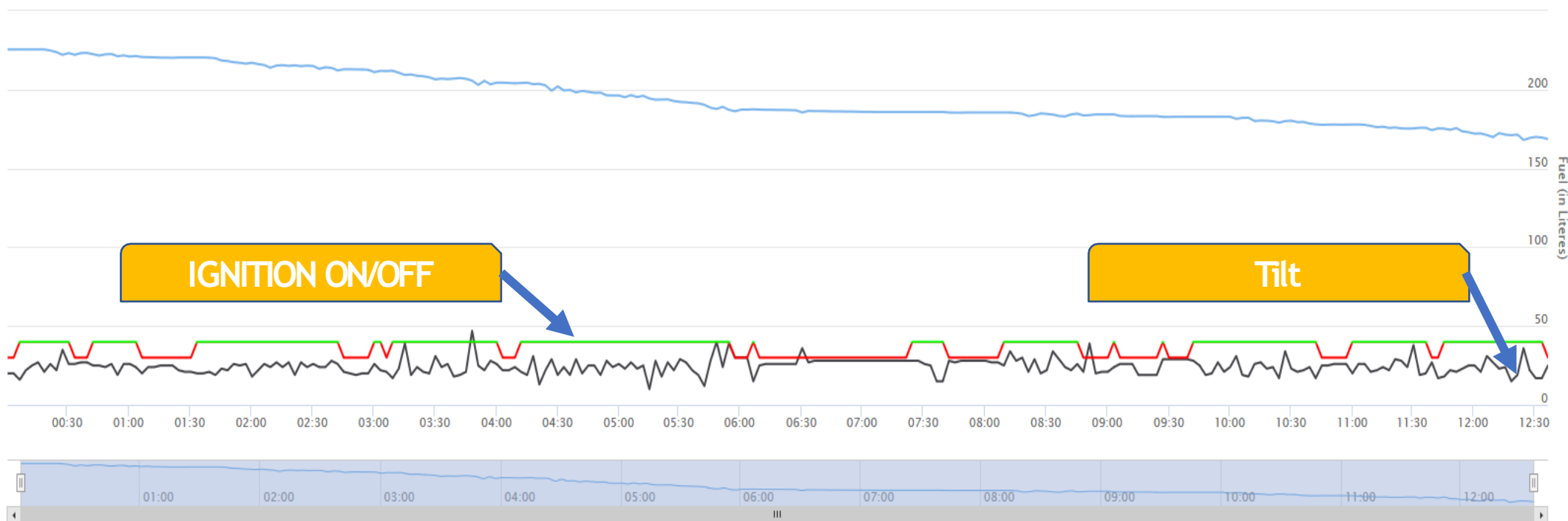
3m

6m

YTD

1y

All



Highcharts.com

Select Options

Sites

GRIL -- CWSP

Vehicles

RJ-27-GA-8196 (Bulk Bitumen)

From Date

28-04-2019 12:00 AM

To Date

28-04-2019 09:28 PM

Report Type

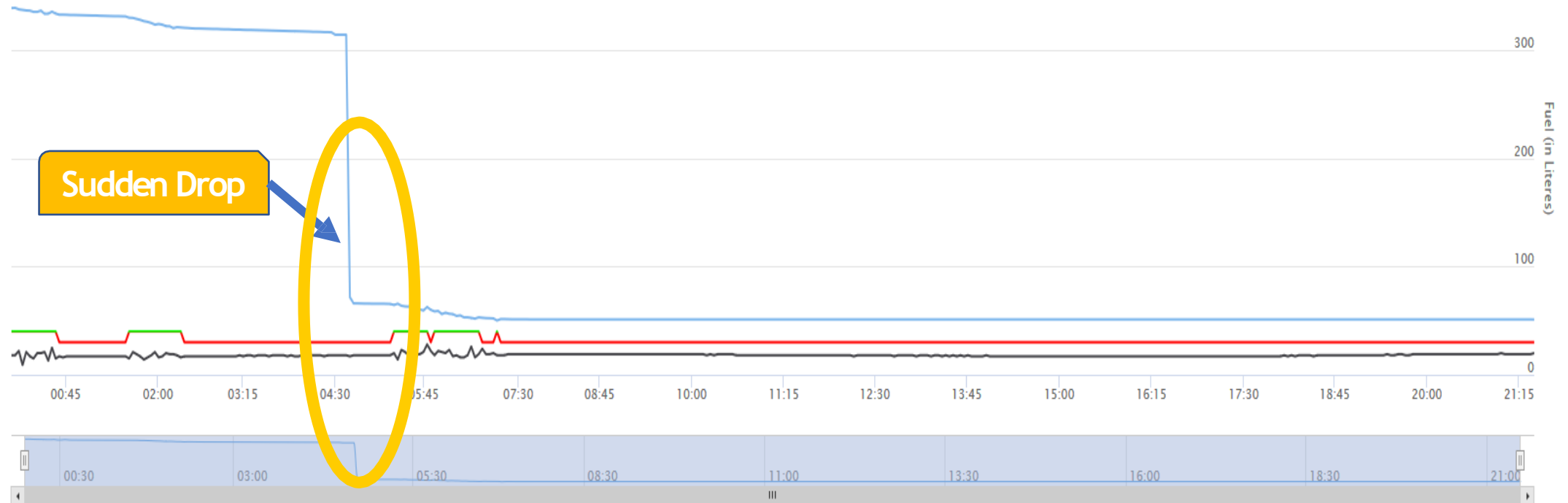
Fuel Report with I&T

Click to View

View

Fuel Report for RJ-27-GA-8196

Zoom 1m 3m 6m YTD 1y All



Sudden Drop

Select Options

Sites

All

Vehicles

GJ-25-U-3443 (Tipper)

From Date

08-06-2019 12:00 AM

To Date

08-06-2019 11:55 PM

Report Type

Replay

Click to View

View

Travel Report for GJ-25-U-3443

Pause

Historic Playback

Map Satellite

Time: 8/6/2019 12:15:47 AM
Address: National Highway 51, Gujarat, India
Ignition: On - Speed: 13 - Distance: 5.768

Consolidated Vehicle Report including Driver performance with all the parameters for monitoring fleet efficiency. The below is an excel export report for visualising monthly, quarterly performance of the fleet



Model	EmpCode_Driv	Initial KMR/HMR	Final KMR/HMR	Distance	Avg. Speed	Max Speed	Eng. Hours	Parkings (Idle Ti	Productive Hrs	Travelling Hrs	Fuel Consume	KMPL/HRPL	Init. Fuel Lvl	Final Fuel Lvl	Fuel Filled (L
TATA 2518	DEVILAL MEENA	65918.45 / 182:47:23	66467.84 / 200:50:01	549,19	32	83	18:02:38	72:20:28		13:55:12	131,87	9.18 / 3.12	181,12	333,97	287,8
LPT 2518	Jamak Lal	66228.42 / 257:57:34	67071.09 / 279:42:09	842,26	45	73	21:44:35	145:55:27		19:21:23	194,47	7.21 / 5.76	346,31	177,68	24,91
TATA	Prabhu Lal	124960.10 / 173:19:59	126283.88 / 200:20:19	1322,16	48	85	27:00:20	125:34:03		23:08:22	404,3	6.27 / 0.00	365,7	310,8	352,2
TATA		1680.22 / 43:49:32	2167.66 / 72:56:17	487,45	20	76	29:06:45	138:49:15		22:54:17	77,49	6.25 / 2.95	135,73	116,34	58,1
TRUXO-25	kalu-Bhana	67991.50 / 191:08:26	68834.73 / 217:30:14	842,36	47	76	26:21:48	127:33:02		18:14:54	203,5	5.99 / 10.80	299,5	86,6	0
A 1512 CRX LOADING		1140.20 / 39:29:58	2686.62 / 71:49:19	1546,31	50	85	32:19:21	105:12:28		30:17:00	251,73	5.92 / 7.82	106,68	91,37	244,26
TATA 2518.C		6044.78 / 145:12:52	6892.74 / 164:00:35	847,96	46	82	18:47:43	95:53:43		17:48:15	156,98	5.86 / 7.36	354,16	373,06	175,8
MAN	bhani nath	3992.57 / 241:50:56	5293.68 / 277:28:04	1300,99	48	109	35:37:08	133:06:01		32:21:04	1292,55	4.67 / 7.68	266,95	252,21	1278,48
TATA TURBO		945.46 / 28:30:56	1342.22 / 43:58:09	396,75	33	77	15:27:13	134:51:32		13:47:14	82,79	4.55 / 6.29	139,8	230,42	173,41
TATA 3118.C	SHARWAN SINGH	235552.21 / 148:56:26	235978.74 / 166:06:13	426,53	42	83	17:09:47	150:46:58		12:26:44	1357,7	4.53 / 7.86	420,6	298,1	1235,2
CLA31.250	Suresh Kumar	3232.11 / 248:59:00	4648.87 / 294:12:20	1416,28	33	71	45:13:20	125:45:49		34:16:41	405,63	4.44 / 4.37	44,62	292,19	653,44
TATA 2518.C		1409.83 / 49:21:13	3311.49 / 110:15:04	1901,66	30	78	60:53:51	107:02:21		51:11:58	747,64	4.42 / 6.83	157,53	136,42	726,68
LPT 3118/52	Savaram	355126.93 / 418:34:58	356211.60 / 444:09:24	1083,87	48	85	25:34:26	103:40:38		20:50:09	175,4	3.40 / 17.92	223,2	297,6	0
EICHER PRO 6025	Mohan lal	10421.75 / 234:47:35	11857.55 / 287:55:04	1435,82	43	81	53:07:29	114:48:40		31:32:46	438,1	3.21 / 5.07	427,8	373,7	384,5
JK LEYLAND 2518 BS IV		1503.28 / 153:30:18	2606.64 / 187:37:41	1103,37	41	83	34:07:23	112:03:32		31:07:19	523,9	3.21 / 10.39	333,9	230,6	422,2
TATA		5476.29 / 117:14:08	5798.47 / 139:48:09	322,18	15	78	22:34:01	145:22:35		18:15:35	190,77	3.16 / 2.98	71,76	133,9	252,91
3718 -T	DEVILAL MEENA	41704.60 / 288:34:48	43542.36 / 334:35:31	1837,2	39	85	46:00:43	116:16:19		41:47:53	471,9	3.15 / 11.54	177,1	80	375,4
		59398.78 / 83:09:57	60066.65 / 104:01:27	667,87	41	85	20:51:30	101:01:15		17:04:46	424,8	3.13 / 11.73	422	404,8	186,2
TATA 2518.C		1438.32 / 52:51:58	3252.64 / 115:28:47	1814,31	31	70	62:36:49	105:19:13		53:19:35	828,47	3.09 / 8.64	136,42	139,71	831,8
EICHER PRO 6040		8924.44 / 66:23:02	9140.13 / 97:11:26	215,69	20	85	30:48:24	122:05:19		08:31:41	27,5	3.09 / 2.63	63,2	35,7	0
TATA 3118.TK		115551.98 / 259:54:25	116492.74 / 297:32:31	940,75	31	73	37:38:06	130:18:35		29:32:55	346,6	2.99 / 8.30	230,1	255,6	372,2
TATA 2518.C		47196.55 / 14:41:32	49241.32 / 76:49:26	2044,79	39	85	62:07:54	105:37:09		54:12:15	751,6	2.68 / 12.11	279,6	316,5	788,5
TATA		218135.88 / 02:03:20	218186.97 / 06:54:26	51,07	25	85	04:51:06	112:03:59		02:01:03	12,37	2.39 / 5.40	81,7	69,33	0
TATA 3118.TK		118860.86 / 183:18:56	119725.82 / 217:01:19	864,96	32	77	33:42:23	134:13:52		27:36:40	614,3	2.33 / 10.15	207	248,8	656,2

DRIVER Tag detection report

Select Options —

Sites

GRIL -- SISA

▼

Vehicles

All

▼

From Date

13-09-2019 12:00 AM

📅

To Date

13-09-2019 11:55 PM

📅

Report Type

IBTN Report

▼

Click to View

View

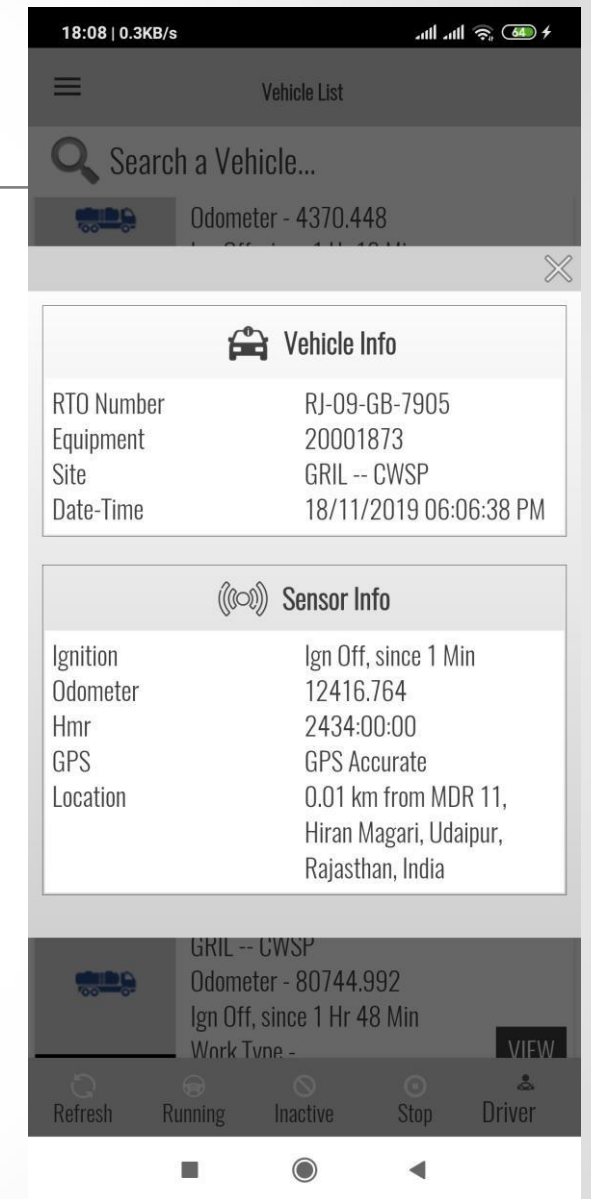
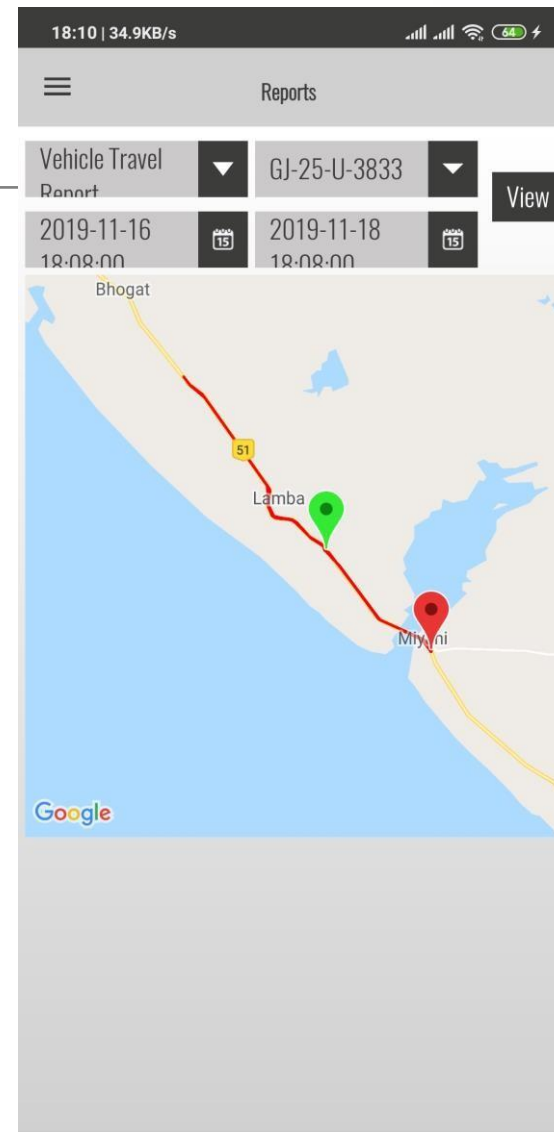
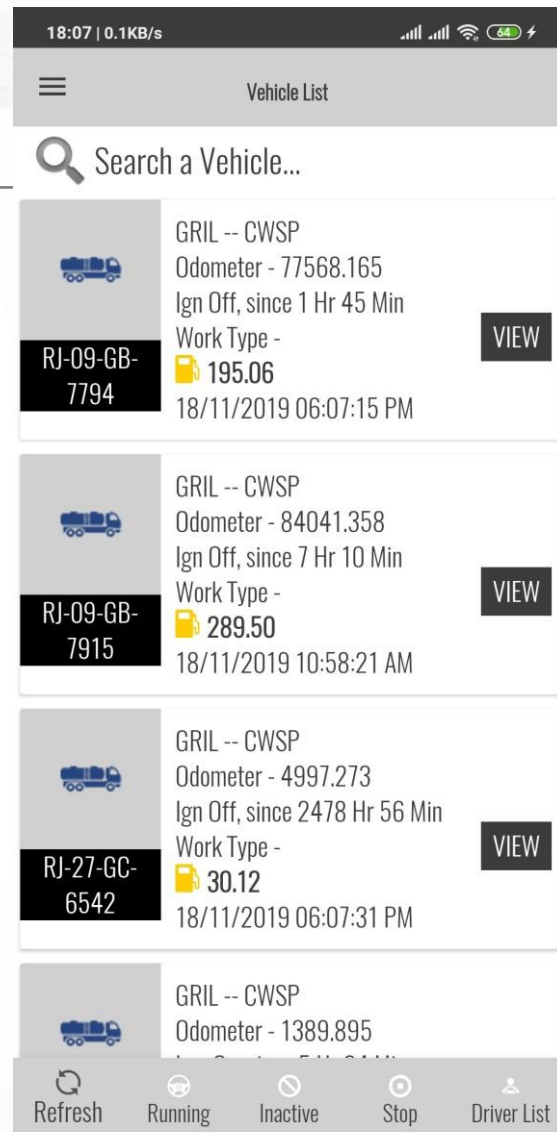
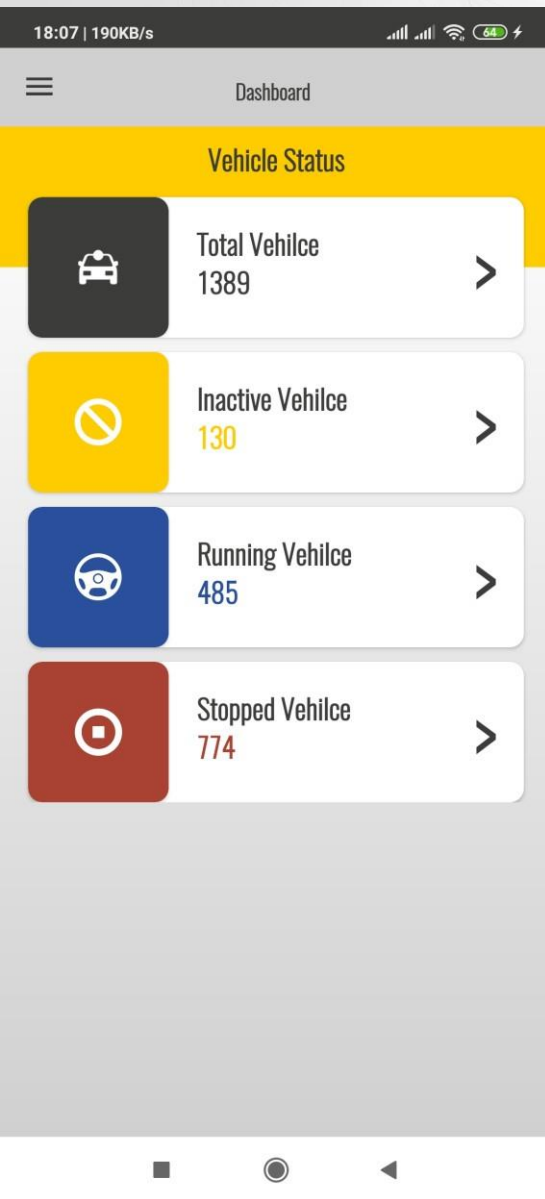
IBTN Report

Sr. No.	Number Plate	Employee Code	Driver Name	Detection Time	Location
1	RJ-09-GA-8892	GRIL015418	SHAIENDRA KUMAR MAHTO	13/9/2019 06:37:00 AM	0.51 km from Unnamed Road, Khalispur Dingur, Uttar Pradesh 228131, India
2	RJ-09-GA-8892	GRIL015418	SHAIENDRA KUMAR MAHTO	13/9/2019 06:37:03 AM	0.51 km from Unnamed Road, Khalispur Dingur, Uttar Pradesh 228131, India
3	UP-70-GT-4903	GRIL025362	RAJKUMAR	13/9/2019 06:38:46 AM	0.21 km from Unnamed Road, Nidura, Uttar Pradesh 228142, India
4	UP-70-GT-4903	GRIL025362	RAJKUMAR	13/9/2019 06:38:50 AM	0.21 km from Unnamed Road, Nidura, Uttar Pradesh 228142, India
5	UP-70-GT-4903	GRIL025360	SHIVANANDAN	13/9/2019 06:46:45 AM	0.24 km from Unnamed Road, Nidura, Uttar Pradesh 228142, India

The above report would show the time and location for each tag detection by driver

*** Site person can immobilise the vehicle if wrong driver identified on vehicle or vehicle out of geofence

FLMS ANDROID APPLICATION





Customers' Claim

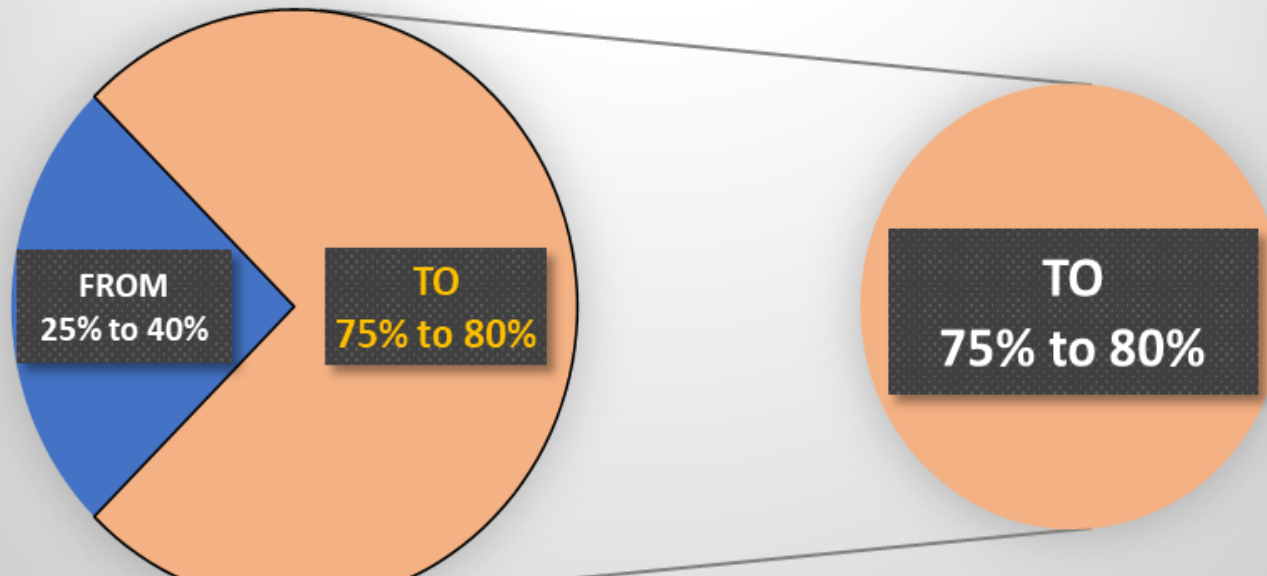
Increased Machine Performance



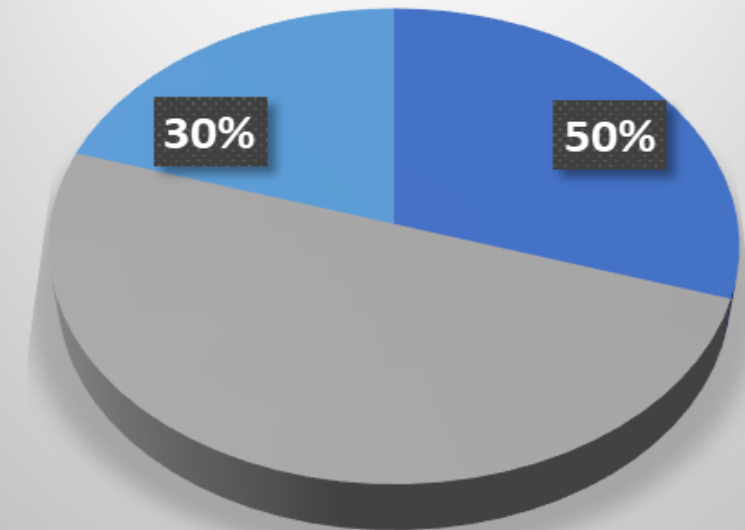
Increased Operator Efficiency



Increase in visibility ease of "Activities on Field"



Total Fuel Saving



FLMS OPTIONS

FLMS- BASIC

OPTION1: TELEMATICS + FUEL SENSOR

FLMS- BASIC+DRIVER MANAGEMENT

OPTION2: FLMS with DRIVER IDENTIFICATION =
OPTION1 + i BUTTON

FLMS- BASIC+DRIVER MANAGEMENT+FLEET

OPTION3: OPTION2 with IMMOBILIZE*

NUTSHELL

**ASSET TRACKING
&
VISIBILITY**

FUEL MONIOTING

Pilferage, Filling, Comparison,
Consumption Pattern, Alarm

**VEHICLE
TRACKING**

IGNITION

Comparison with fuel,
running vs idle, dentification

GPS

Geo Fence, Over Stoppage,
Over Speed, Route Compliance

**HUMAN
PERFORMANCE**

**HISTORIC
DATA REVIEW**

**INTEGRATION
&
CUSTOMIZATION**

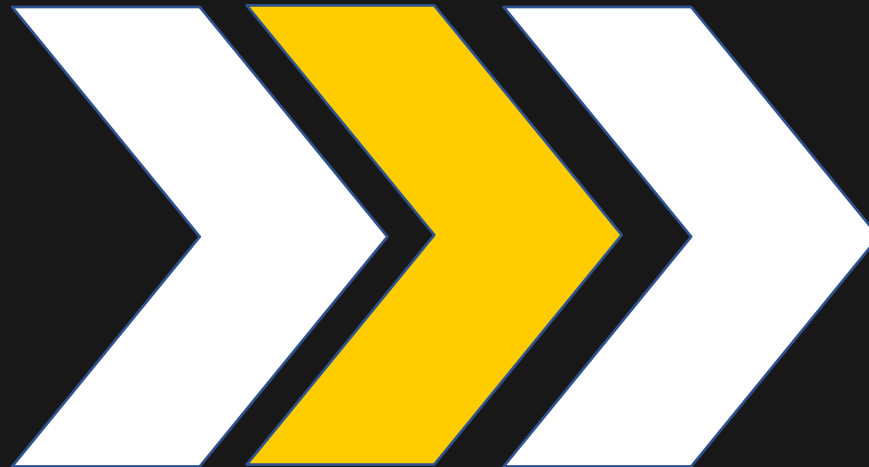
FOR UNDERGROUND TANK AND BOWSER

ATG

Automatic Tank Gauge

DESIGNED BY MOBA

- Live monitoring of fuel [in](#) underground tanks
- Live monitoring of fuel in bowzers



FDMS

FUEL DISPENSING MANAGEMENT SYSTEM

DESIGNED BY MOBA

FDMS

FDMS-

LITE

FDMS-

LITE+BT



ELECTRONIC
PUMP

MECHANICAL
PUMP

AUTOMATION
READY

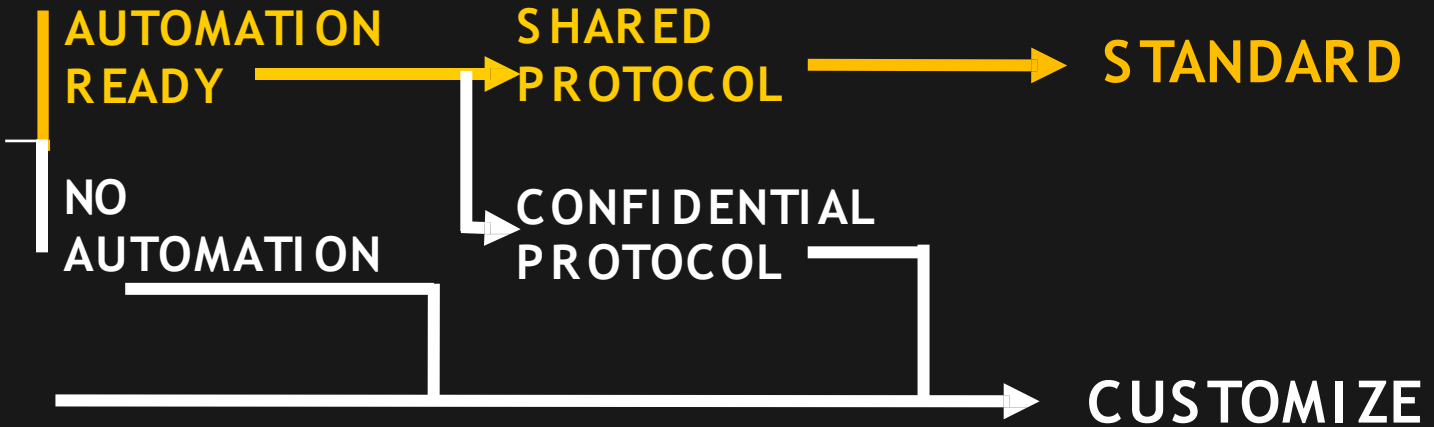
NO
AUTOMATION

SHARED
PROTOCOL

CONFIDENTIAL
PROTOCOL

STANDARD

CUSTOMIZE



FDMS

DESIGNED BY MOBA

MOBA's **F**uel **D**ispensing **M**onitoring/**M**anagement **S**ystem is an arrangement of hardware and software which helps in making the day to day dispense activity visible, control it and record data at real time.

It can be a fully automatic system which not only records the dispense but also control it

Or

It can be semi automatic

FDMS

OPTION 1 : FDMS

(Controller+Reader+Bluetooth+Tags for fuel tanks)

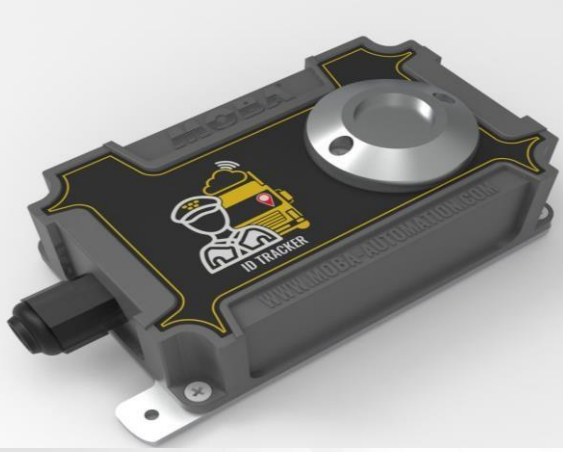
OPTION 2 : FDMS LITE

(Controller)

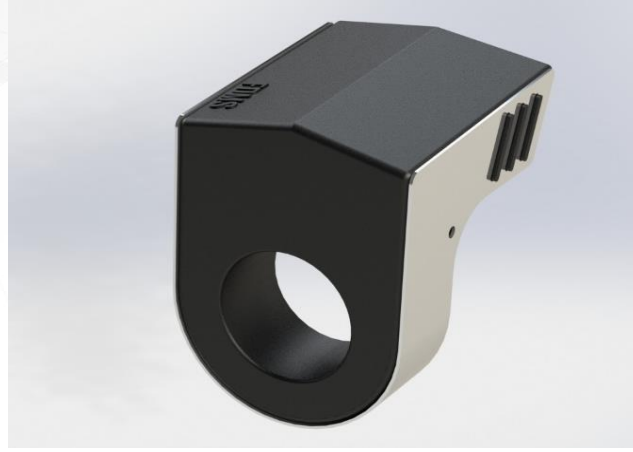
OPTION 3 : FDMS LITE BT

(Controller+Bluetooth)

Electronic Automation Ready Pump with Shared Protocol



CONTROLLER



RFID READER-WIRELESS



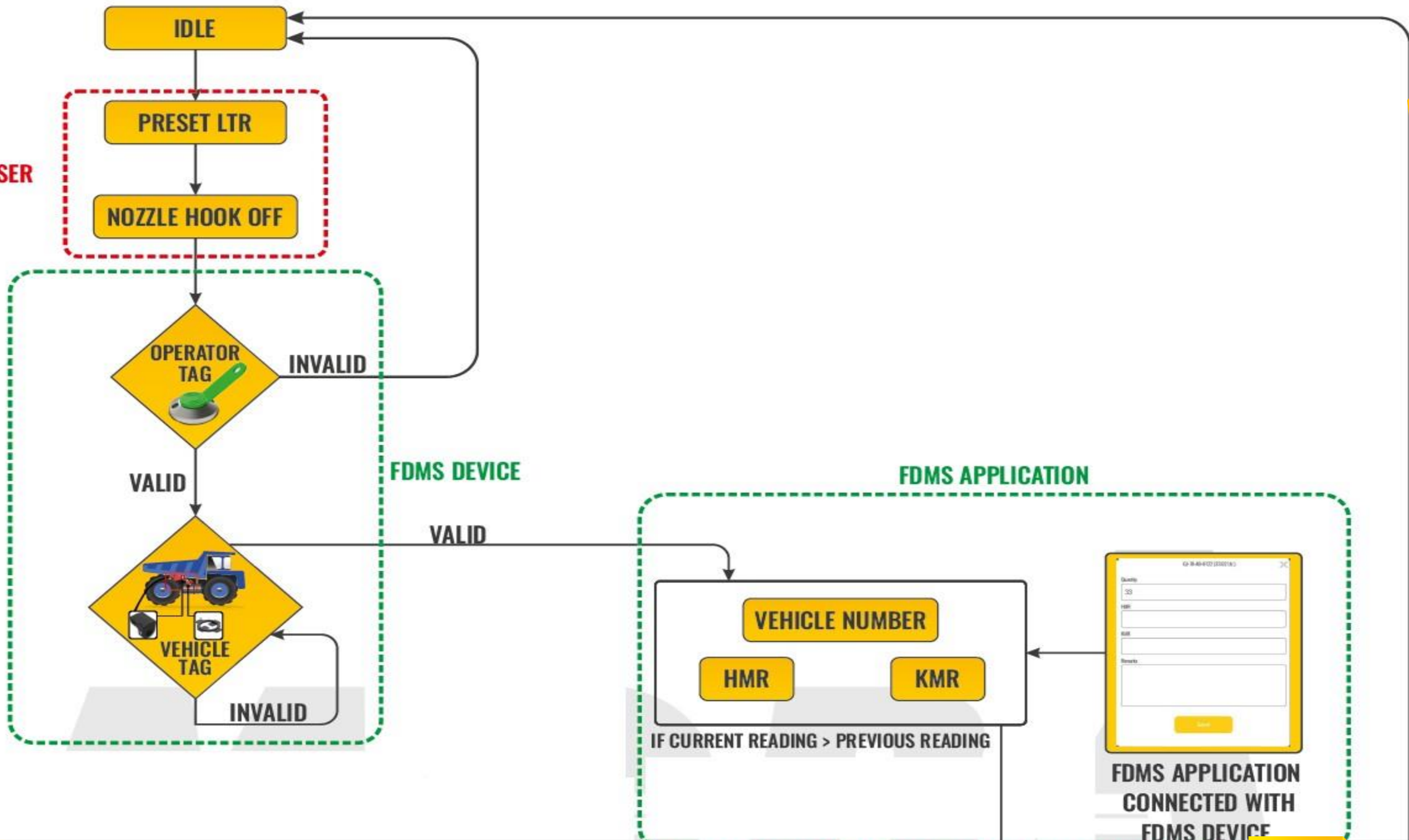
i-Button Tag

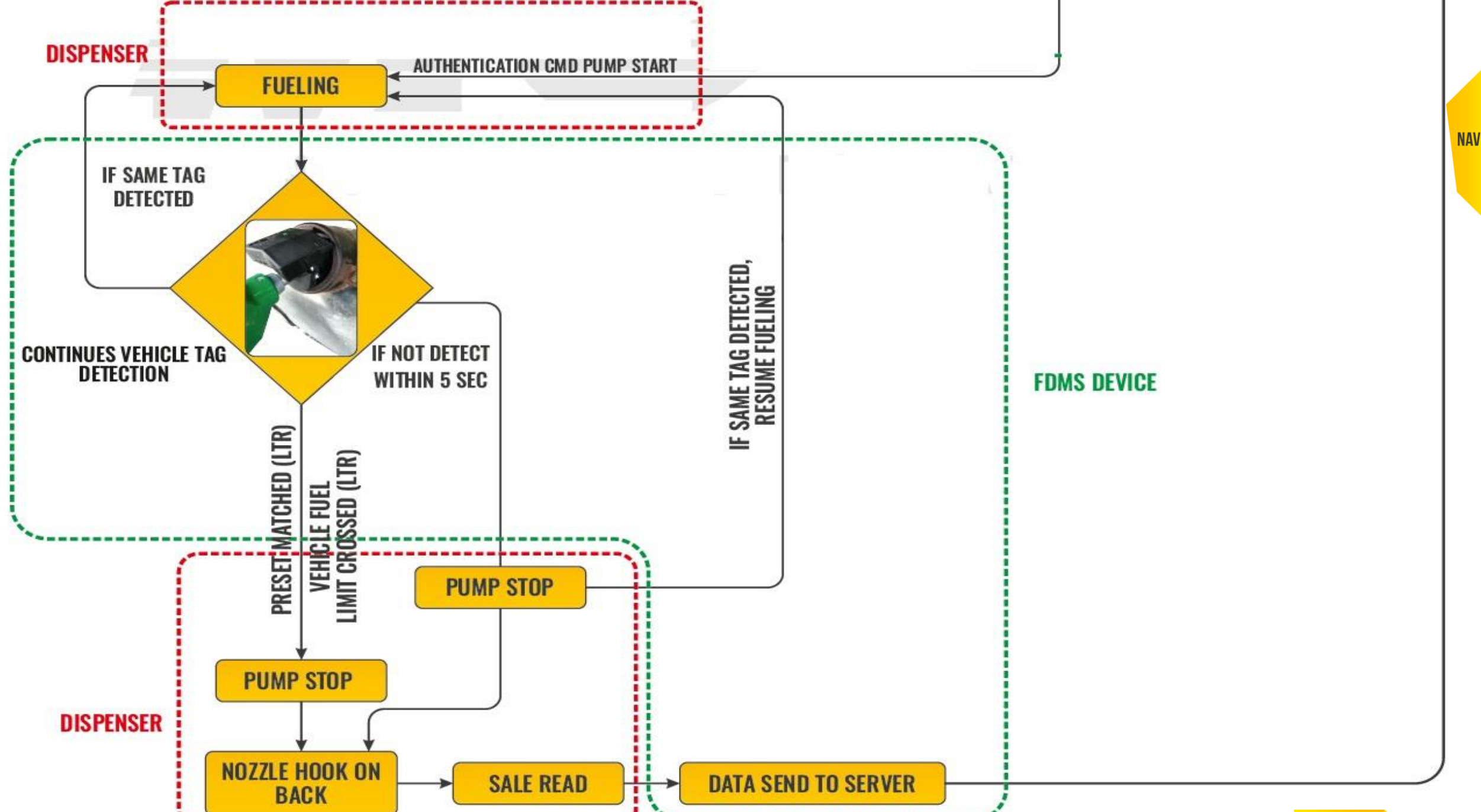


Ring Tag

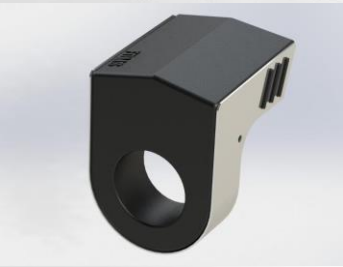








Other Electronic or Mechanical Pumps



Pulser

and
/or



Solenoid

and/
or



Pro-Converter

Major Components to be Added for making system automation ready

Some clarification:

- The system pulser will detect the amount of dispense from the dispenser and same reading will be transferred to MOBA server.
- If customer also want to monitor the dispense quantity, then he can have 2 options:
 - i. He can get an android device connected to our system and it will show the real-time reading (a reference video in next slide).
 - ii. MOBA can provide a separate display at additional cost.

Video : Dispense monitoring via Bluetooth

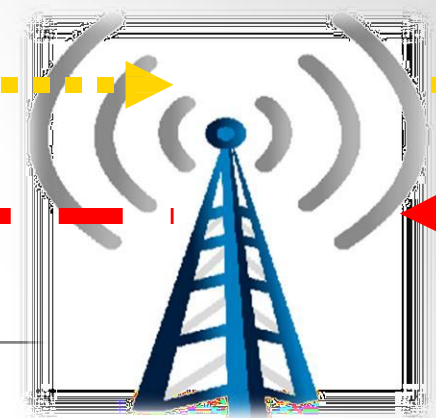
Line of sight needed for connection



FDMS LTE AND FDMS LTE BT

Pump ID, Date, Time, Liters, KMR, HMR,
(Customer Name, Mobile Number, Mode of Payment)

FDMS – LITE



NAV

FDMS – LITE - BT

Stop Dispense Command

Automatically data fetching
from Controller

Via. Bluetooth

Via. Bluetooth

Consolidated Data

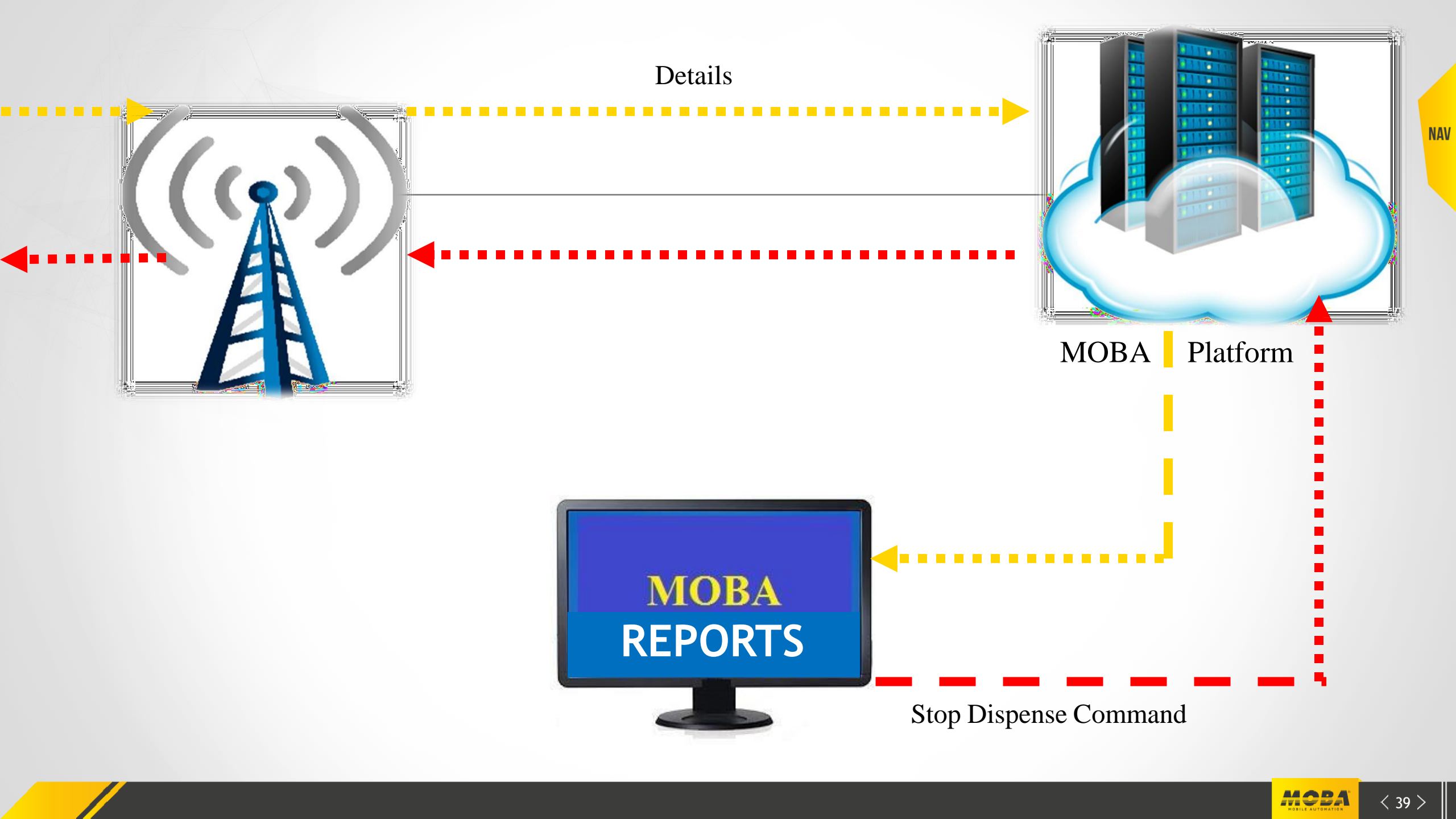
Fuel Dispensed:

Vehicle No.:
KMR
HMR

Other details:

Manual entry by operator





ANDROID APPLICATION

- Can be customized based on customer requirement.
- Can be linked to MOBA controller via bluetooth too.
- Alternative to FDMS Lite for bowlers working in limited area with limited vehicles having FLMS.
- Combines with FLMS it can be used to monitor and audit third party filling.

15:24 | 0.0KB/s | 31%

Dashboard

Issue Fuel | Receive Fuel

Receive From

Select

Quantity

Image

Remarks

SUBMIT

15:24 | 0.0KB/s | 31%

Dashboard

Issue Fuel | Receive Fuel

Vehicle Type

own

Vehicle

Select

HMR

KMR

Quantity

Driver

Select

Image

Remarks

If customer have different category of vehicles like - own, rented etc. and he wants to differentiate.

If customer have fix set of vehicles, then we can input in dropdown menu or even provide QR codes for scanning and capturing data.

Need to be entered manually by customer .

Customer needs to enter manually the liter of fuel dispensed in above vehicle.

If the list of drivers is provided by customer then we can add this data too. This is mainly for the customers who have multiple drives and who can be shuffled

Anything which customer want to record in terms of photograph like - HMR/KMR reading or bowser meter reading etc.

Anything which customer want to record in terms of photograph like - HMR/KMR reading or bowser meter reading etc.

The screenshot shows a mobile application interface titled "Dashboard". At the top, there is a status bar with the time "15:24", data usage "0.0KB/s", and various icons. Below the status bar, there is a navigation bar with a hamburger menu icon on the left and the title "Dashboard" on the right. The main content area has two tabs: "Issue Fuel" (highlighted in teal) and "Receive Fuel" (grey). Under the "Issue Fuel" tab, there are several input fields: "Vehicle Type" with a dropdown menu showing "own", "Vehicle" with a dropdown menu showing "Select" and a QR code icon to its right, "HMR" and "KMR" with text input fields, "Quantity" with a text input field, "Driver" with a dropdown menu showing "Select", "Image" with a camera icon and a text input field, and "Remarks" with a text input field. At the bottom of the screen, there is a navigation bar with three icons: a square, a circle, and a triangle.



15:24 | 0.0KB/s

Dashboard

Issue Fuel | Receive Fuel

Receive From

Select

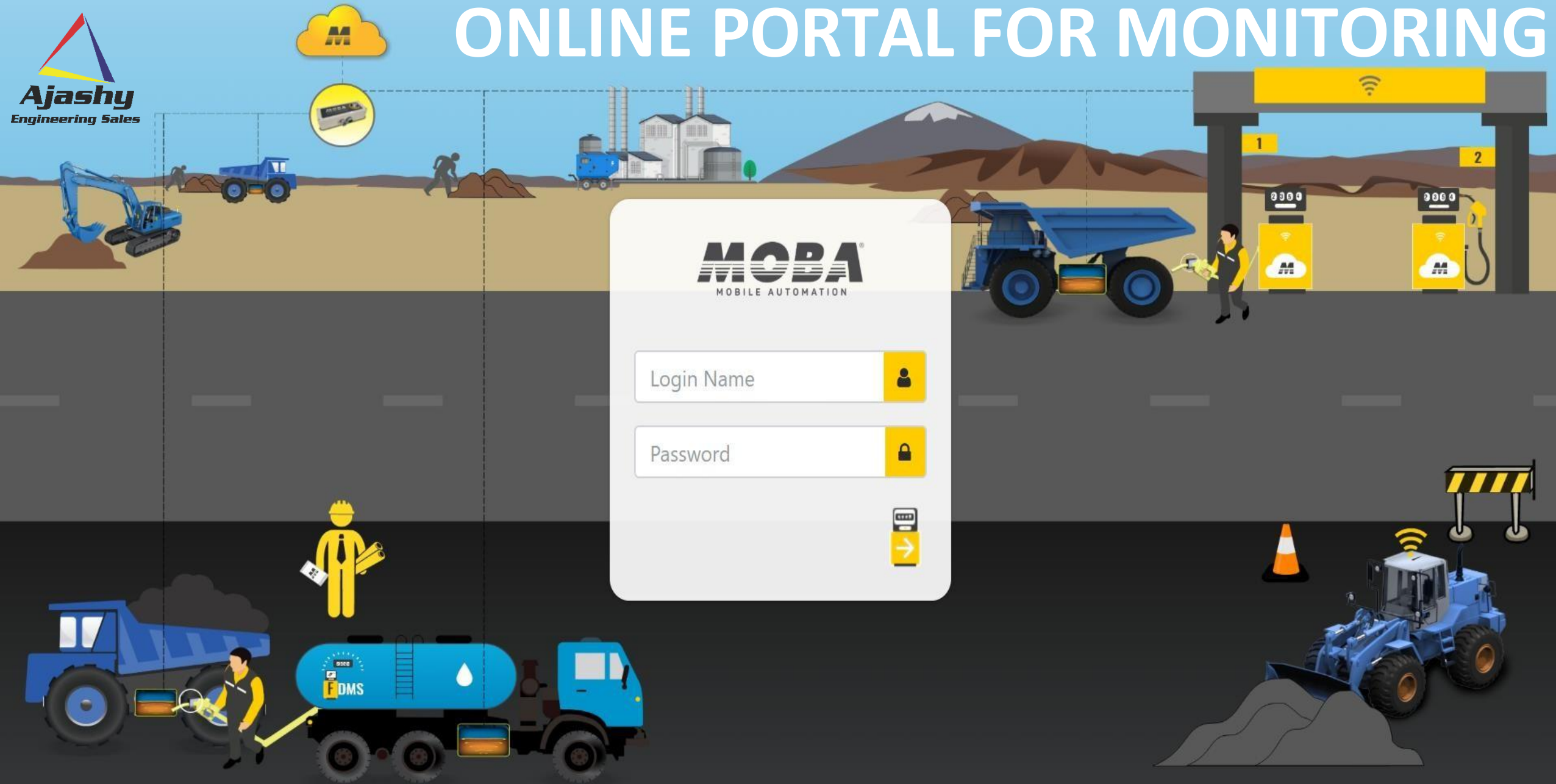
Quantity

Image

Remarks

SUBMIT

ONLINE PORTAL FOR MONITORING



Smart Informative Dashboard

- Total Sites
- Balance Fuel
- Total Dispense
- Browsers
- Stationary Pumps
- Vehicles

42

211182.59

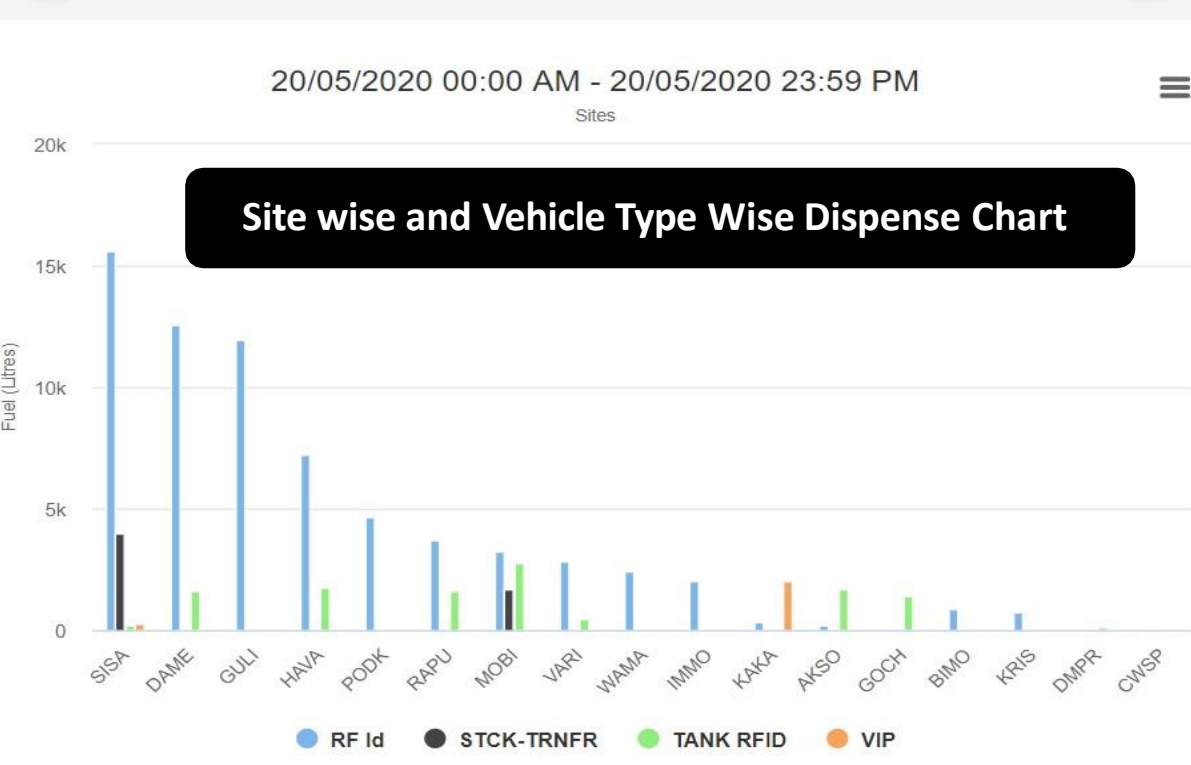
82953.40

45

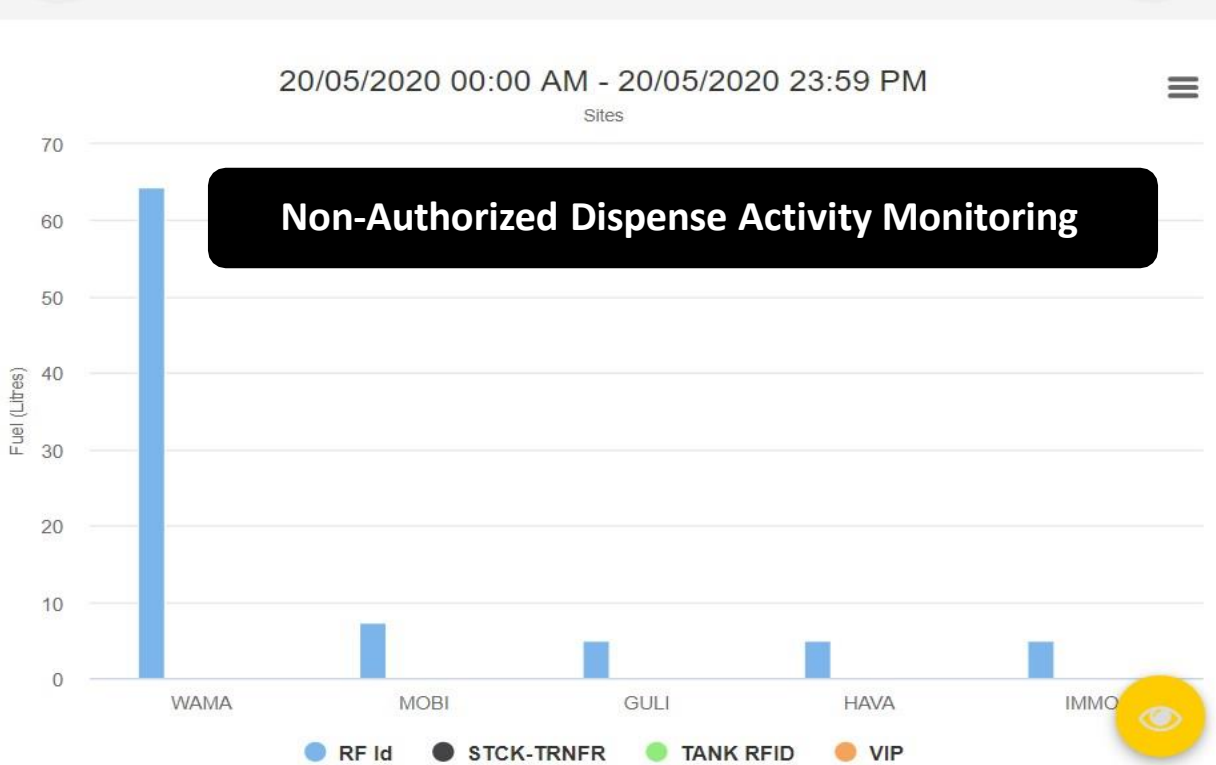
26

5934

Transaction wise Dispense



Miscellaneous



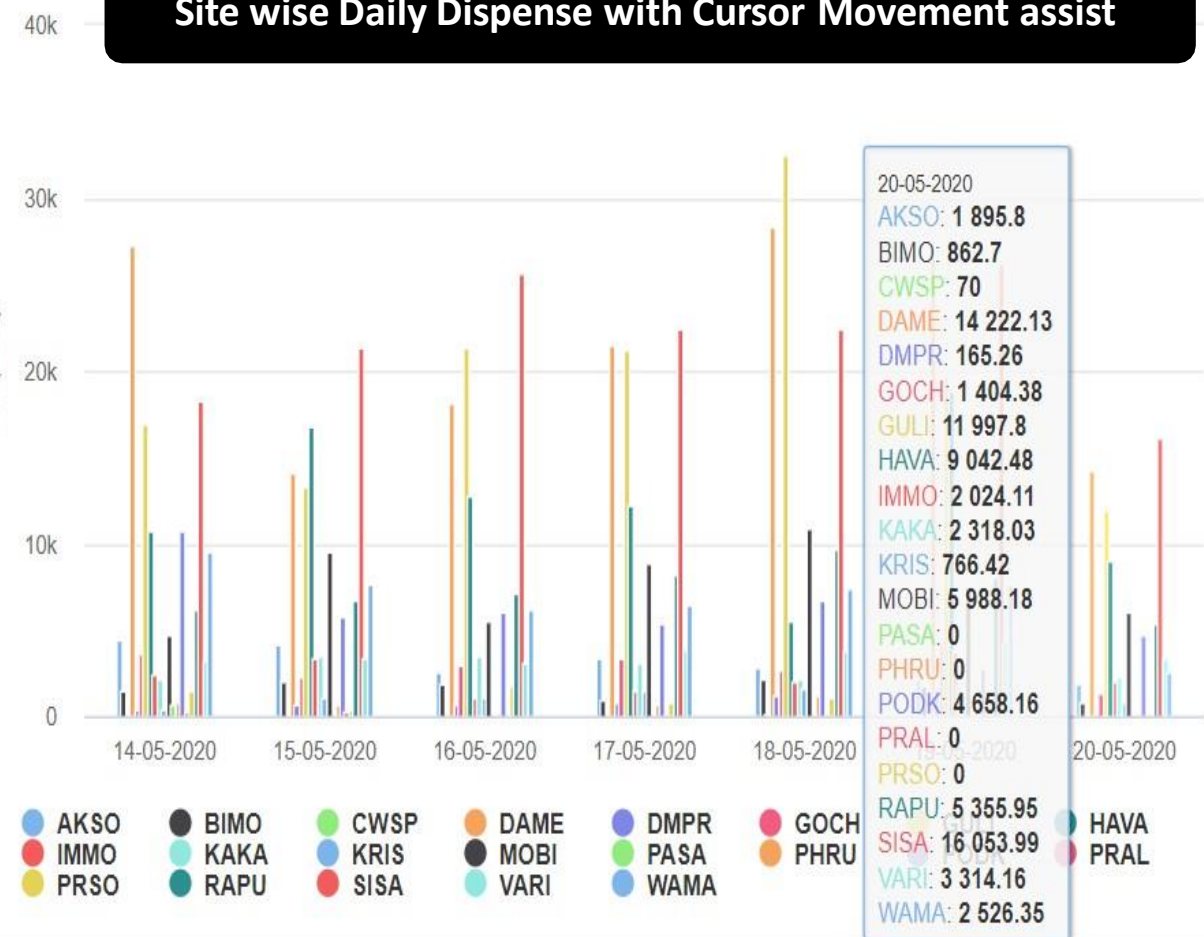


Weekly Dispense



14/05/2020 00:00 AM - 20/05/2020 23:59 PM

Site wise Daily Dispense with Cursor Movement assist

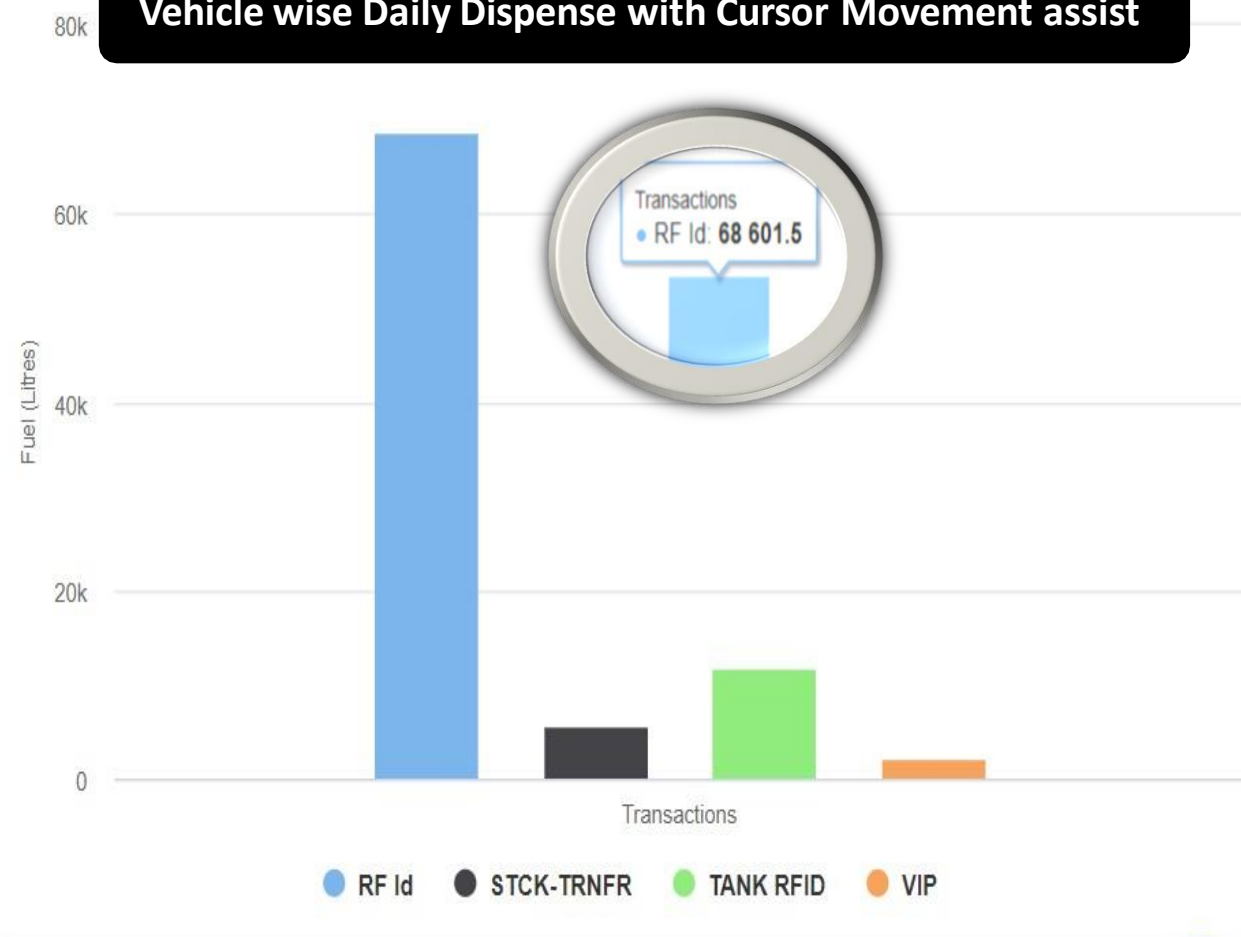


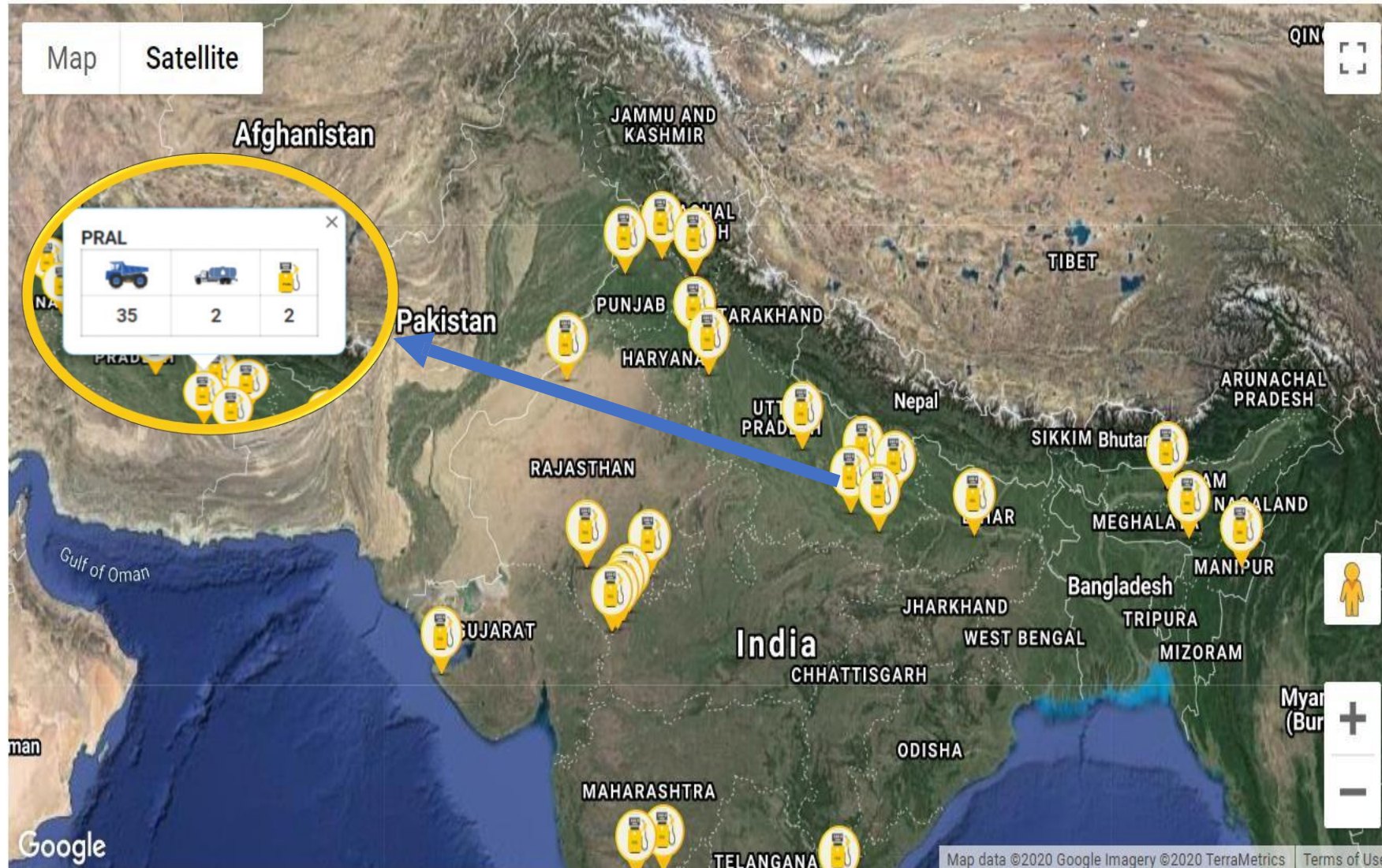
Total By Transaction



20/05/2020 00:00 AM - 20/05/2020 23:59 PM

Vehicle wise Daily Dispense with Cursor Movement assist





45



26

Total Pumps



82953.40



5934



211182.59

DETAIL REPORT WITH FILTERS

															Limit				NAV
20-05-2020 03:25 AM	20340	RF Id	PODK	GJ25U3149	20002040	CRANE PICK & CARRY GJ25P0734 CSR-37	MOBILE CRANE	20002040	CRANE PICK & CARRY GJ25P0734 CSR-37	82.47	5046.7	5026.8	Hour	4.1442	500	G50	PODK	1772.25	
20-05-2020 06:36 AM	4857	RF Id	BIMO	UP22T3007	20001284	JEEP BOLERO BRO1PG1435 CSR-59	JEEP	20001284	JEEP BOLERO BRO1PG1435 CSR-59	33.7	194568	194199	KM	10.9496	70	G44	PRAL	1849.25	
20-05-2020 06:38 AM	18570	TANK RFID	GOCH	RJ09GB5387	20001729	DUMPER RJ09GB7750 CSR-410	DUMPER	20001729	DUMPER RJ09GB7750 CSR-410	153.75	139000	138608	KM	2.5496	500	G37	GOCH	2472.47	
20-05-2020 06:42 AM	4858	RF Id	BIMO	UP22T3007	20000256	UTILITY VEHICLE JH01AD7147 CSR-61	UTILITY VEHICLE	20000256	UTILITY VEHICLE JH01AD7147 CSR-61	25.26	355484	355151	KM	13.1829	65	G38	BIMO	1823.99	




Dispense Log





Show Records :


10


Search :



42

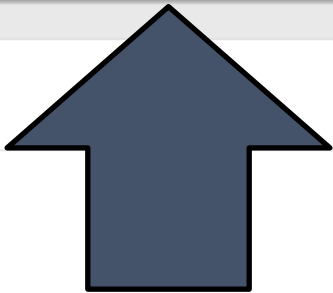

5934


26


45


1


152









Pumps




Show Records :

Search :

					
STATIC PUMP		DAME	DAME Static Pump 1	DAME Static Pump 1	17629.2
STATIC PUMP		GULI	Static Pump 1 Nozzle 1	Static Pump 1 Nozzle 1	15093.2
STATIC PUMP		PODK	PODK Static	PODK Static	13890.8
STATIC PUMP		GULI	Guli Static Pump 2	Guli Static Pump 2	12912.4
STATIC PUMP		RAPU	RAPU Static PUMP 2	RAPU Static PUMP 2	11424.9
STATIC PUMP		HAVA	STATIC PUMP 1 728	STATIC PUMP 1 728	11006.7
STATIC PUMP		HAVA	Static Pump 2 Camp 780	Static Pump 2 Camp 780	10112.8
STATIC PUMP		MOBI	Mobi Static Pump 1	Mobi Static Pump 1	10095.1





42


5934


26


45








1

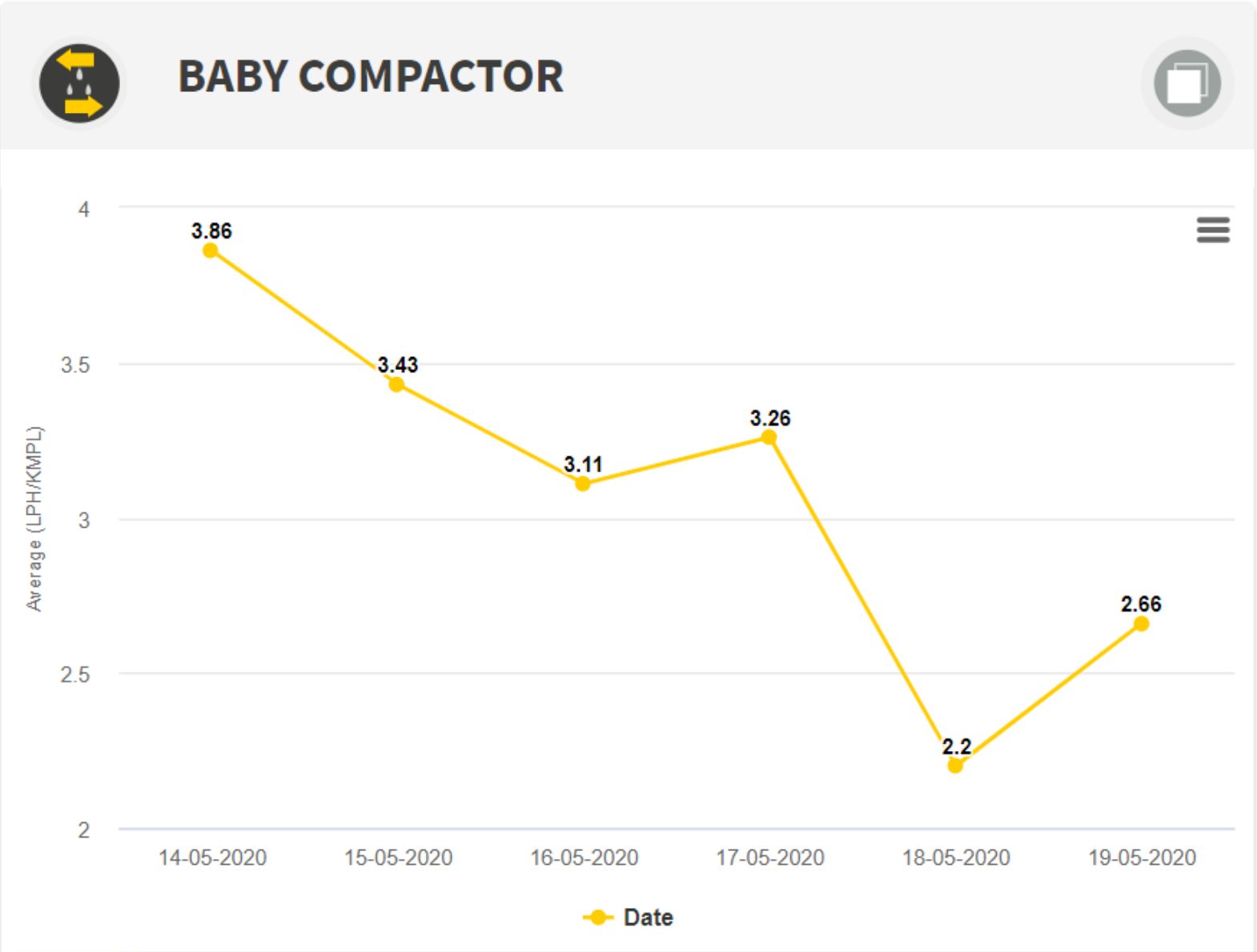

152

Browsers

Show Records : 10

Search :

					
MOBILE BOWSER	20002303	SSMP	UP70HT0293	DIESEL TANKER (BT103) UP70HT0293 CSR-8	8947.61
MOBILE BOWSER	20000901	SISA	RJ27GB0457	DIESEL TAN. WT31-DPM17 RJ27GB0457 CSR-6	4516.21
MOBILE BOWSER	20003499	GULI	AP39U7793	DIESEL TANKER (DPM-57) AP39U7793 CSR-9	3300.36
MOBILE BOWSER	20002296	DMPR	UP70HT0618	DIESEL TAN. BT104-DPM24 UP70HT0618 CSR-7	3089.29
MOBILE BOWSER	20002641	AKSO	RJ27GC7150	UTILITY VEHICLE DPM39 RJ27GC7150 CSR-223	2022.96



Machine wise daily
Average on a click



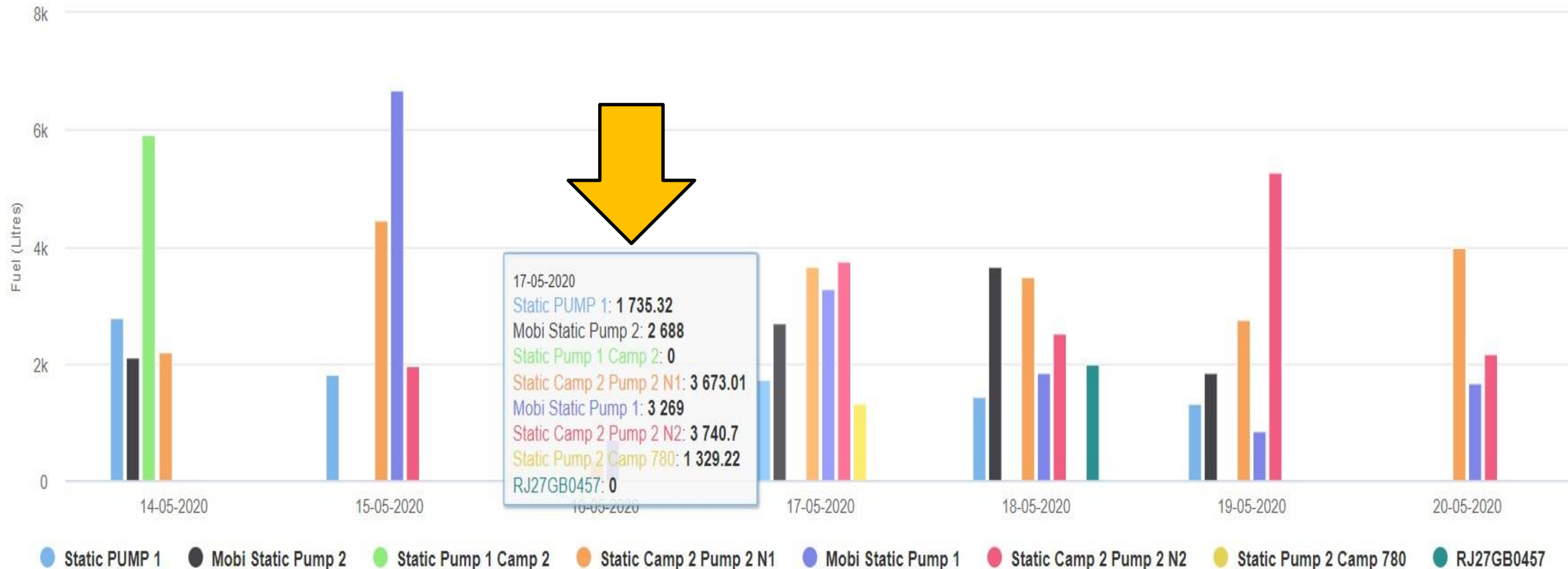
Stock Transfer

All Dispenser Units



14/05/2020 00:00 AM - 20/05/2020 23:59 PM

Stock transfer



STOCK TRANSFER DATE WISE AND ASSET WISE



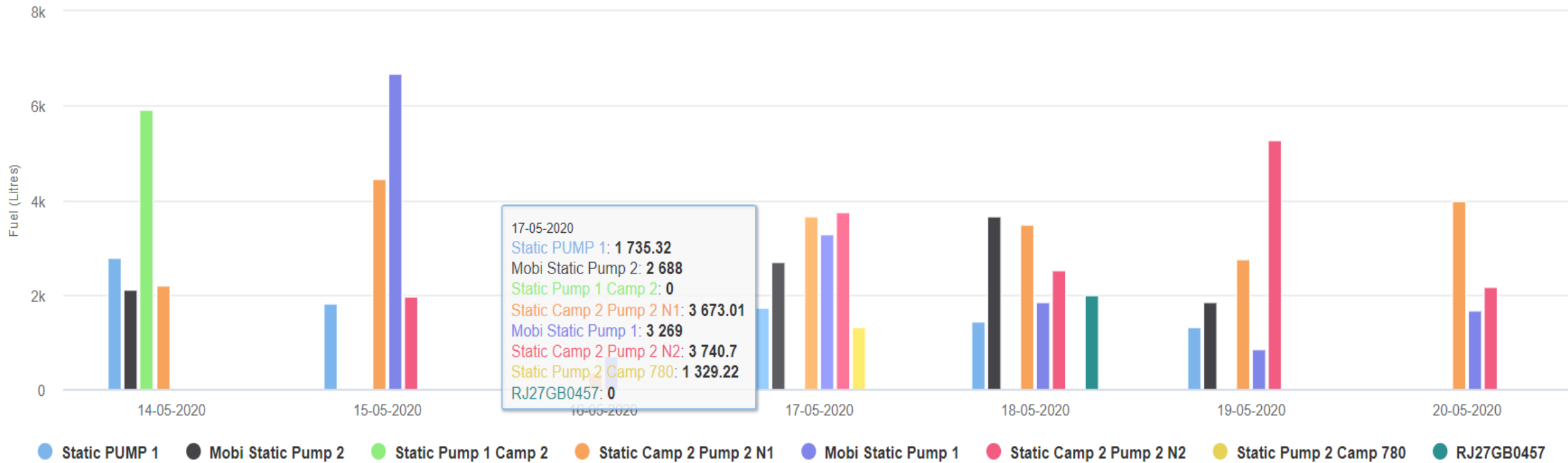
Stock Transfer

All Dispenser Units



14/05/2020 00:00 AM - 20/05/2020 23:59 PM

Stock transfer



DIFFERENT REPORTS AT A CLICK - CUSTOMIZABLE

🕒 20/05/2020 00:00 AM - 20/05/2020 23:59 PM 📁 All Cluster 🏠 All Sites 🏢 All Dispenser Units 🚗 All Equipments

🕒 20/05/2020 00:00 AM - 20/05/2020 23:59 PM

All Cluster ▼

All Sites ▼

All Dispenser Units ▼

All Equipments ▼

Select Report Type ▼

Select Report Type

Current Balance

Daily Stock Movement

Dispense Log

Miscellaneous Transaction

Stock Transfer

VIP Transaction



WHY MOBA?

AS YOUR TECHNOLOGY PARTNER

We work as a Team

**We don't sell we provide you
solution to your challenges.**

We Understand Application and Expertise needed

NAV



This is not job of daily workers you need specialised trained and motivated people to complete these tasks.

Our trained project and implementation team not only ensures proper installation but also motivate your team to use it.

This is not a job of a day or two it might take months of installation and transfer.

MOBA ensures a smooth transaction in handholding

We Understand Application and Expertise needed



Calibration is not easy.

It needs expertise,
It needs patience,

You need a trusted partner for get it
done.

10/5 ltr 400 - ltr truck = 40/80 fillings

We Understand Your **Working Environment**



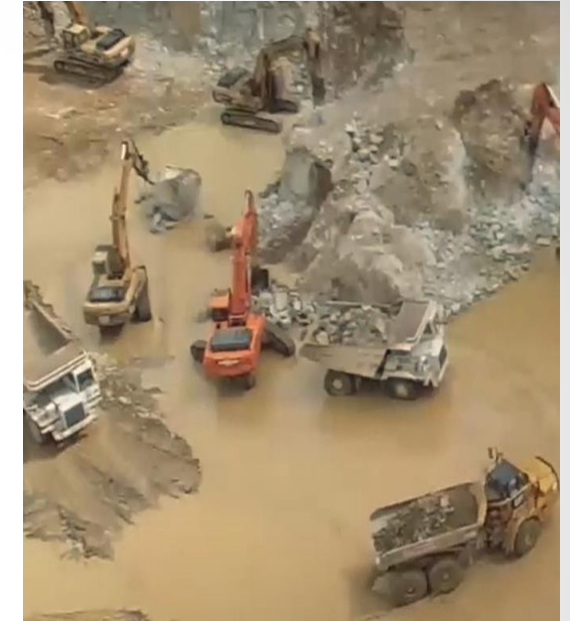
Dustproof



Water Proof



Vibration Proof



Right Hardware for Right Application

Comparision with Industry Standards and Users



Make

Model

Written Standard

Users on Field

FLMS

ATG

BIG
SKI

RFID

FDMS



2D/3D
Solutions

SOFTWARE

WEIGHBRIGE

INTEGRATION
&
CUSTOMIZATION

COMPACTION

SELF DEPENDENT

HARDWARE - MOBA INDIA

ONLINE PORTAL - MOBA INDIA

ANDROID APPLICATION - MOBA INDIA

INSTALLATION & COMMISSIONING - MOBA INDIA

INTEGRATION WITH EXISTING ERP- MOBA INDIA & CUSTOMER IT TEAM

REPAIR & AFTER SALES SUPPORT - MOBA INDIA

AMC - MOBA INDIA



People Might
Know you
but
We know your
machines too

AMMANN



VOLVO
Construction Equipment



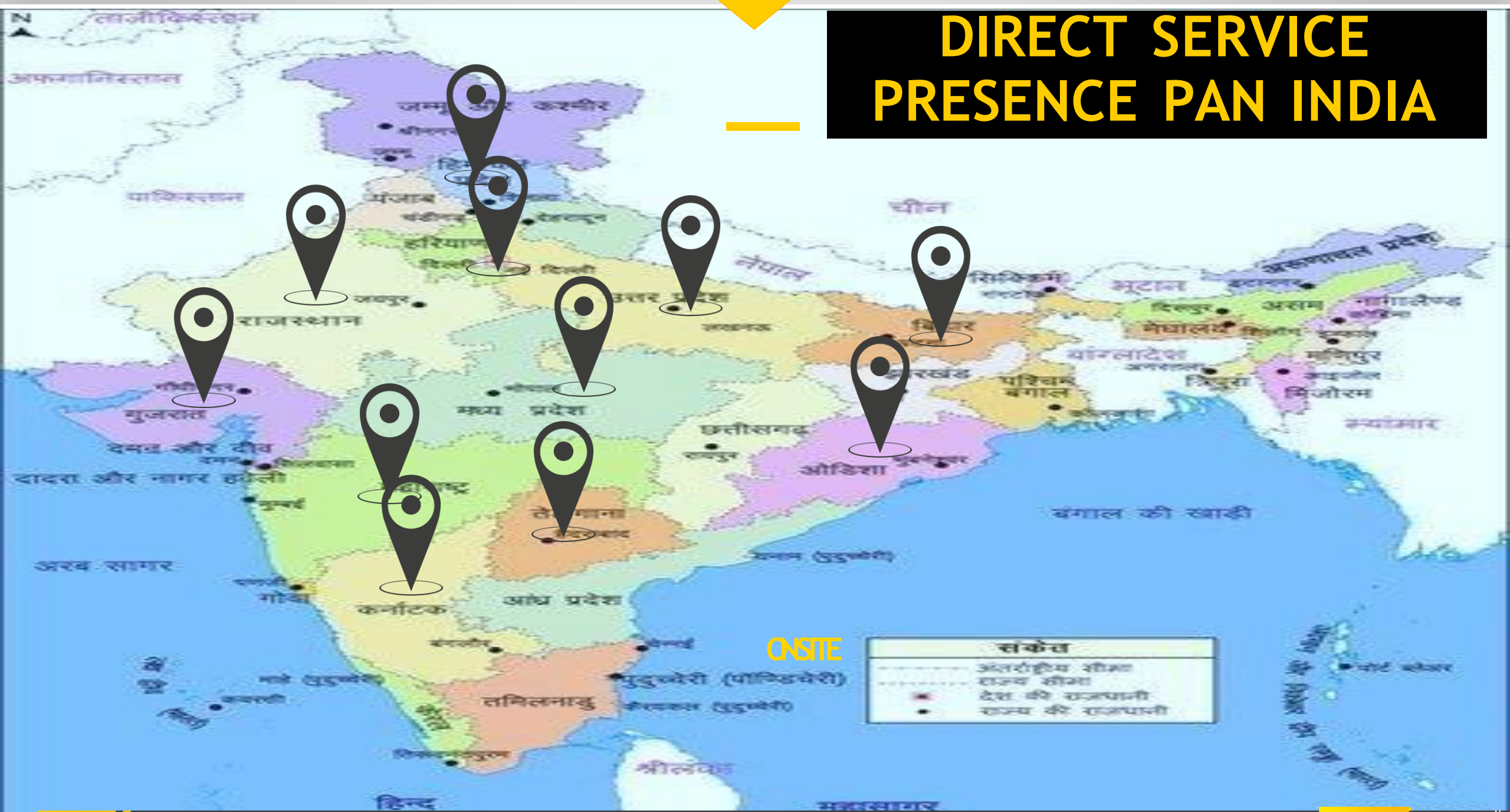
CNH
INDUSTRIAL



beml
NEW FRONTIERS. NEW DREAMS



DIRECT SERVICE PRESENCE PAN INDIA



ONSTE

संकेत	
-----	अंतराष्ट्रीय सीमा
-----	राज्य सीमा
■	देश की राजधानी
●	राज्य की राजधानी

**ONLY THE BEST FOR
YOUR DATA**



MOBA Online Portal

Data-1
Data-2
Data-3

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Data-n


Customization
of Data
format

Customer ERP

Other Popular Machine Control Solution from **MOBA**

ROAD CONSTRUCTION

MOBA PAVE-IR FOR ASPHALT PAVER
HELPS PREVENT THERMAL SEGREGATION USING INFRARED TEMPERATURE SENSORS



- 1. Scanner
- 2. Junction Box
- 3. Odometer
- 4. GPS Antenna
- 5. Board computer - MOBA
- 6. External Memory Stick

ROAD CONSTRUCTION

AUTOMATION FOR SLIPFORM PAVER
LEVELING AND STEERING CONTROL PRODUCES FINE KERB



- 1. MOBA process amplifier - MPA-100 and handset
- 2. GRADE and steering sensor
- 3. Slope Sensor

EARTH MOVING & MINING

GS-506 FOR MOTORGRADER
FULLY AUTOMATIC MACHINE CONTROL SYSTEM TO ACHIEVE FINE GRADING IN 2D & 3D



- 1. Control Panel
- 2. Controller
- 3. Connecting Box / Mainfall
- 4. Rotation Sensor
- 5. Cross Slope Sensor
- 6. Controller MLC-508
- 7. Laser Receiver - LS-2000

EARTH MOVING & MINING

MACHINE CONTROL SYSTEM FOR EXCAVATOR
HELPS ACHIEVE DESIRED PROFILE OF GRADE AND SLOPE PRECISELY



- 1. GNSS Antenna
- 2. Operating Panel - Vision LINK
- 3. MOBA 3D Interface Unit
- 4. Boom sensor
- 5. Frame sensor
- 6. Stick sensor
- 7. Bucket sensor
- 8. Tilt sensor

MINING & PILING

MDS-2000 FOR DRILLING RIG
PRECISE DRILL DEPTH & MAST INCINATION FOR BLAST HOLE DRILLING & PILING JOBS



- 1. Angle measurement - Slope sensor
- 2. Depth measurement - Rotary Sensor MRS-305
- 3. Rotation Rotary Sensor MRS-305
- 4. Direction Finder - Rotary sensor MRS-305
- 5. Controller MPC-128
- 6. Operating panel (HMI) 68-320
- 7. USB Interface USB-100



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