

Distribution Tracking System for PEPSI

User Manual – vi1.0

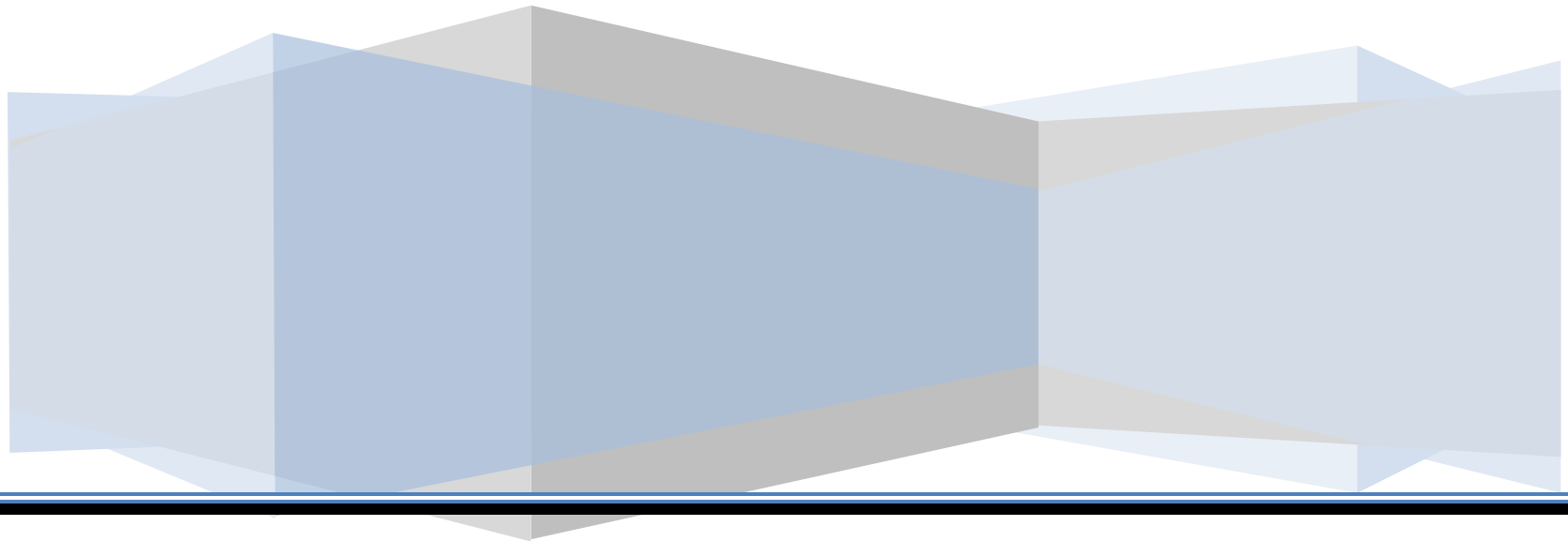


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1. Introduction

Welcome to Teltonika's User Manual of our **Distribution Tracking System (DTS) for PEPSI**. This User Manual incorporates details related to various sections and features available within the DTA Application and guides you through its intended usage. We are sure this would prove helpful for you. **So let's get started!**

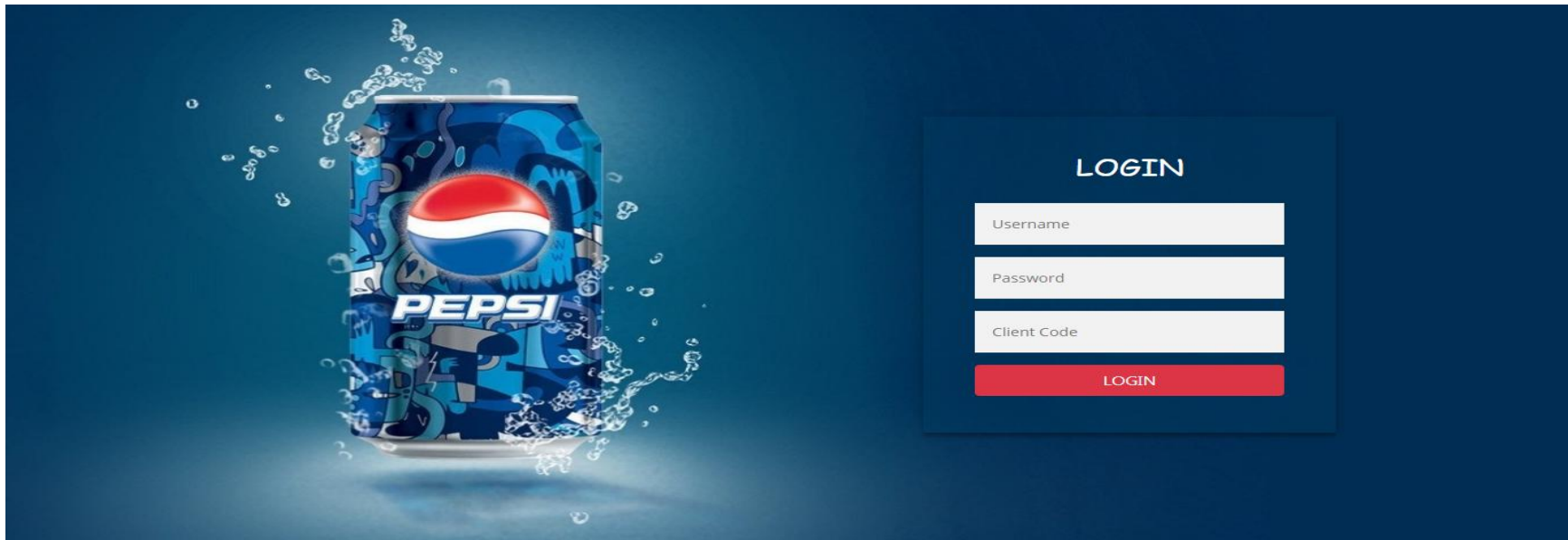
2. Access to Application

You can access the application by using the application link over an internet connection using any of the web browsing services like Internet Explorer, Firefox or Chrome. You can either click on the link below or Copy & Paste it within your internet browser. Please note that you can only use the application if you are duly authorized. The application link is as below.

APPLICATION LINK: <http://124.29.205.149/Pepsi/Login>

The Login Panel is the first interface that you come across when you open the DTS Application. If you are the **Admin** or a **User**, you can easily access this application and log in using the "Username" and "Password" and "Client Code" provided by the Software Department.

Figure 2: Screen shot – Login Screen



3. Splash Screen

This is the first screen after you log-in to the portal. It shows a **Reports Section with “Process Hierarchy”** and a **Live View Section** on the left top corner and a **log-out button** on the right top corner.

Figure 3: Screen Shot – Splash Screen



4. Reports Section

This section provides Reports based on various filters. You need to click & open the **Process Hierarchy Menu** in order to extract reports.

The various filters can be based on;

- **Franchise** – Shows detailed information based on ALL Franchisees
- **District Sales Manager(DSM)** – Shows detailed information based on DSM's
- **Area Sales Manager (ASM)** – Shows detailed information based on ASM's
- **Distributor** – shows detailed information based on Distributors
- **Registered Vehicle** – Shows detailed information based on Registered Vehicles

Figure 4: Screen Shot – Reports Section - Process Hierarchy Menu



5. Report Types

The Reports can be generated for all fields within the **Process Hierarchy Menu**. Once you select any of the options (*e.g. FRANCHISE is selected*), you are taken to a filter page where you can select the date for which you want to extract the report. There are TWO variants you can extract the report in i.e. **Detail Report** or **Summary Report** for each of the fields within the **Process Hierarchy Menu**. Each Report gives you a separate set of information pertaining to your selected field.



5.1 Summary Section

The Summary Tab shows you information within various tabs as mentioned below for different fields i.e. **Franchise** – Shows detailed information based on ALL Franchisees, **District Sales Manager(DSM)** – Shows detailed information based on DSM's, **Area Sales Manager (ASM)** – Shows detailed information based on ASM's, **Distributor** – shows detailed information based on Distributors.

Following are the reporting tabs of Summary Report;

- Id (Shows sequential ID's for the District Managers)
- District Manager (Shows District Sales Manager Name)
- Date (Shows the Date the report is generated)
- TotalRegisterVehicles (Total Strength of Vehicles)
- VehiclesOut (Vehicles on- Duty)
- VehicleNotOut (Vehicles off-Duty)
- Avg.Time (Shows the average of Vehicle Duty Start Times)
- NoOfTrips (Total Number of Trips made by active vehicles)
- VehicleLoadOut (Number of crates unloaded by the vehicle)
- NoOfStops (Total number of Stopovers made by active vehicles)
- DropSizePerStop (Total crates dropped per stopover)
- AvgStopTime (Average time spent on each stopover)
- TotalStopTime (Total time the vehicle was
- TravellingTime (Total on-road vehicle travelling time)
- ReturnTime (Time when vehicle came back to office after outdoors)
- TotalDistance (Shows total Kilometers covered by a vehicle)
- TotalOutHours (Total hours the vehicle was outdoors)

Please note that **vehicles not out** have been highlighted in Pink color for better visibility.

(Please Turn Over)

Figure 5.1.1: Screen Shot –Summary Report - based on Franchise

REPORTS		LIVE VIEW										
Process Hierarchy												
Franchise												
06/01/2018		Detail		Summary		Export To Excel						
Franchise								Summary				
Id	DistrictManager	Date	TotalRegisterVehicle	VehiclesOut	VehicleNotOut	AvgTime	NoOfTrips	VehicleLoadOut	NoOfStops	DropSizePer Stop	AvgStopTime	TotalStopTime
1	SYED ABBAS	2018-06-01	71	13	58	11:05:16	16	2958	77	38	00:51:09	04:11:31
2	IMRAN SHAHID	2018-06-01	79	38	41	10:11:34	107	20691	269	77	01:11:48	06:33:12
3	ARFAN BUTT SB	2018-06-01	47	4	43	11:37:04	4	882	5	176	10:53:15	11:05:20
4	JAHANGIR ADIL	2018-06-01	97	20	77	10:34:16	38	8937	107	84	00:49:18	03:30:55
5	KHAWAJA HAROON	2018-06-01	198	45	153	09:42:26	69	16470	241	68	01:21:13	03:42:39
6	WASEEM KHAN TAREEN	2018-06-01	47	15	32	10:30:42	26	5319	106	50	00:52:16	04:48:41
Summary	Franchise	2018-06-01	539	136	404	10:36:53	269	55257	805	68.64	02:39:49	05:38:23

Figure 5.1.2: Screen Shot –Summary Report – based on District Sales Manager

REPORTS		LIVE VIEW											
													
Process Hierarchy SYED ABBAS													
06/01/2018		Detail		Summary		Export To Excel							
DSM Summary													
Id	AreaManager	Date	TotalRegisterVehicle	VehiclesOut	VehicleNotOut	AvgTime	NoOfTrips	VehicleLoadOut	NoOfStops	Drop SizePerStop	Avg StopTime	TotalStopTime	
11	ATIQU-UR-REHMAN	2018-06-01	10	3	7	13:08:51	4	884	7	123	01:20:40	03:46:58	
12	AHMED TIWANA	2018-06-01	26	6	20	10:13:57	7	1207	50	24	00:54:00	05:35:33	
13	ANEES-UR-REHMAN	2018-06-01	15	1	14	11:18:56	1	270	2	135	00:14:00	00:28:07	
14	MALIK EIJAZ	2018-06-01	20	3	17	10:39:48	3	617	18	34	00:28:20	03:02:29	
Summary	SYED ABBAS	2018-06-01	71	13	58	11:20:23	15	2968	77	38.42	00:44:15	03:13:16	

Figure 5.1.3: Screen Shot -Summary Report - based on Area Sales Manager



Figure 5.1.4: Screen Shot -Summary Report - based on Distributor

REPORTS LIVE VIEW

Process Hierarchy
SHAHDAN LUND- IRFAN EHSAAN TRADERS

06/01/2018 Detail Summary Export To Excel

Id	GroupName	TotalRegisterVehicle	VehiclesOut	VehicleNotOut	AvgTime	NoOfTrips	VehicleLoadOut	Distribution		Summary		
								NoOfStops	Drop SizePerStop	Avg StopTime	TotalStopTime	
1321	SHAHDAN LUND- IRFAN EHSAAN TRADERS	2	2	0	13:21:10	3	594	4	148.5	01:21:00	03:39:08	

5.2 Detail Section

The Summary Tab shows you information within various tabs as mentioned below for different field's i.e. **Franchise** – Shows detailed information based on ALL Franchisees, **District Sales Manager(DSM)** – Shows detailed information based on DSM's, **Area Sales Manager (ASM)** – Shows detailed information based on ASM's, **Distributor** – shows detailed information based on Distributor.

Following are the reporting tabs of Detailed Report;

- Report Filter (Shows the applied filter on report)
- Date (Shows the Date the report is generated)
- DsmName (District Sales Manager)
- AsmName (Area Sales Manager)
- District (Name of District)
- City (Name of City)
- Distribution (Name of Distributor)
- TotalRegisterVehicles (Total Strength of Vehicles)
- VehiclesOut (Vehicles on- Duty)
- VehicleNotOut (Vehicles off-Duty)
- VehicleNo (Vehicle Registration)
- VehicleType (Make of Vehicle)
- StartTime (Vehicle Duty Start Time)
- NoOfTrips (Total Number of Trips made by active vehicles)
- Poi (Details about all the stopovers made by active vehicles)
- VehicleLoadOut (Number of crates unloaded by the vehicle)
- NoOfStops (Total number of Stopovers made by active vehicles)
- DropSizePerStop (Total crates dropped per stopover)
- AvgStopTime (Average time spent on each stopover)
- TotalStopTime (Total time the vehicle was
- TravellingTime (Total on-road vehicle travelling time)
- ReturnTime (Time when vehicle came back to office after outdoors)
- TotalDistance (Shows total Kilometers covered by a vehicle)
- TotalOutHours (Total hours the vehicle was outdoors)

Figure 5.2.1: Screen Shot – Detail Report - based on Franchise


REPORTS LIVE VIEW 												
DISTRIBUTION SUMMARY	2018-06-01	WASEEM KHAN TAREEN	BILAL AHMED	D.G KHAN AMJAD TRADERS			13	5	8			08:50:26
DISTRIBUTION DETAIL	2018-06-01	WASEEM KHAN TAREEN	BILAL AHMED	DG KHAN	SAKHI SARWAR	SAKHI SARWAR LAKH DATA TRADERS	1	1	0	MNS-18-721	RAVI	08:17:25
DISTRIBUTION SUMMARY	2018-06-01	WASEEM KHAN TAREEN	BILAL AHMED	SAKHI SARWAR LAKH DATA TRADERS			1	1	0			08:17:25
ASM SUMMARY	2018-06-01	WASEEM KHAN TAREEN	BILAL AHMED				14	6	8			08:33:55
DSM SUMMARY	2018-06-01	WASEEM KHAN TAREEN				47	15	32			11:22:31	
FRANCHISE SUMMARY	2018-06-01				539	135	404			10:36:53		

Figure 5.2.2: Screen Shot – Detail Report - based on District Sales Manager

REPORTS		LIVE VIEW												
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	MALIK EIJAZ	VEHARI	GARAH MORE	GARAH MORE, ASIM BROTHERS	3	0	1	MNS-18-305	MASTER	00:00:00		
DISTRIBUTION SUMMARY	2018-06-01	SYED ABBAS	MALIK EIJAZ	GARAH MORE, ASIM BROTHERS			3	1	2			09:54:10		
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	MALIK EIJAZ	KHANEWAL	MOHSINWAL	MOSHIN WAL NABEEL TRADERS	1	0	1	R-76-0233	FORD	00:00:00		
DISTRIBUTION SUMMARY	2018-06-01	SYED ABBAS	MALIK EIJAZ	MOSHIN WAL NABEEL TRADERS			1	0	1			00:00:00		
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	MALIK EIJAZ	KHANEWAL	VIJHIAN WALA	VIJHIAN WALA - FAROOQ & SONS	2	0	1	MNS-13-1157	MASTER	00:00:00		
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	MALIK EIJAZ	KHANEWAL	VIJHIAN WALA	VIJHIAN WALA - FAROOQ & SONS	2	0	1	LEI-16-4130	GLADIATOR	00:00:00		
DISTRIBUTION SUMMARY	2018-06-01	SYED ABBAS	MALIK EIJAZ	VIJHIAN WALA - FAROOQ & SONS			2	0	2			00:00:00		
ASM SUMMARY	2018-06-01	SYED ABBAS	MALIK EIJAZ				20	3	17			10:28:23		
DSM SUMMARY	2018-06-01	SYED ABBAS				71	13	58			11:20:23			

Figure 5.2.3: Screen Shot – Detail Report - based on Area Sales Manager

REPORTS		LIVE VIEW										
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	ATIQU-UR-REHMAN	MUZAFAR GARH	KOT ADDU	KOT ADU KHAN BROTHERS	0		1	MLK-2918	MASTER	00:00:00
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	ATIQU-UR-REHMAN	MUZAFAR GARH	KOT ADDU	KOT ADU KHAN BROTHERS	5	0	1	MNS-07-1682	HYUNDAI SHAHZORE	00:00:00
DISTRIBUTION SUMMARY	2018-06-01	SYED ABBAS	ATIQU-UR-REHMAN	KOT ADU KHAN BROTHERS		5	0	5				00:00:00
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	ATIQU-UR-REHMAN	D.G KHAN	SHAH SADAR DIN	MANZOOR-UL-HAQ TRADERS	2	0	1	MNS-11-1951	MASTER	00:00:00
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	ATIQU-UR-REHMAN	D.G KHAN	SHAH SADAR DIN	MANZOOR-UL-HAQ TRADERS	2	0	1	MNS-07-1379	HYUNDAI SHEHZORE	00:00:00
DISTRIBUTION SUMMARY	2018-06-01	SYED ABBAS	ATIQU-UR-REHMAN	MANZOOR-UL-HAQ TRADERS		2	0	2				00:00:00
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	ATIQU-UR-REHMAN	DG KHAN	WAHWA	QALANDRANI TRADERS / EX.ADEEL CORPORATION	1	1	0	MNS-18-881	MASTER	12:44:12
DISTRIBUTION SUMMARY	2018-06-01	SYED ABBAS	ATIQU-UR-REHMAN	QALANDRANI TRADERS / EX.ADEEL CORPORATION		1	1	0				12:44:12
ASM SUMMARY	2018-06-01	SYED ABBAS	ATIQU-UR-REHMAN			10	3	7				13:02:41

Figure 5.2.4: Screen Shot – Detail Report - based on Distributor

REPORT FILTER	Date	DsmName	AsmName	District	City	Distribution	TotalRegisterVehicles	VehiclesOut	VehicleNotOut	VehicleNo	VehicleType	StartTime	NoOfTrips	Poi	VehicleLoad
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	ATIQUÉ-UR-REHMAN	D.G KHAN	SHAHDAN LUND	SHAHDAN LUND- IRFAN EHSAAN TRADERS	2	1	0	MNS-07-3173	SHAHZORE	20:23:14	2	1: Taunsa D.G. Khan Indus Highway; Taunsa-Parora Indus	342
DISTRIBUTION DETAIL	2018-06-01	SYED ABBAS	ATIQUÉ-UR-REHMAN	D.G KHAN	SHAHDAN LUND	SHAHDAN LUND- IRFAN EHSAAN TRADERS	2	1	0	MNS-14-1728	MAZDA	08:19:07	1	1: Bhattiwala Village Near Shadan Lund, Indus Hwy N-55, Dist D.G Khan 2: Abseen CNG Station, Canal Colony, Muzaffargarh-Kot Addu Rd, Kot Addu 3:	252

5.3 Vehicle Based Report

You can also extract report of a particular Distributor Vehicle by selecting Vehicle Registration Number (*e.g. MNS-07-3173 is selected within SHAHDAN LUND-IRFAN EHSAAN TRADERS*). The report shows all the same fields as listed previously within the *Detail Section*. The additional feature of this report however, it shows the stopovers of vehicle for that particular day plotted on a Map along with stopover information. You can also extract PDF report of the same by clicking the *PDF Button*.

Figure 5.3.1: Screen Shot –Summary Report based on Vehicle Number

(Please Turn-Over)



Process Hierarchy

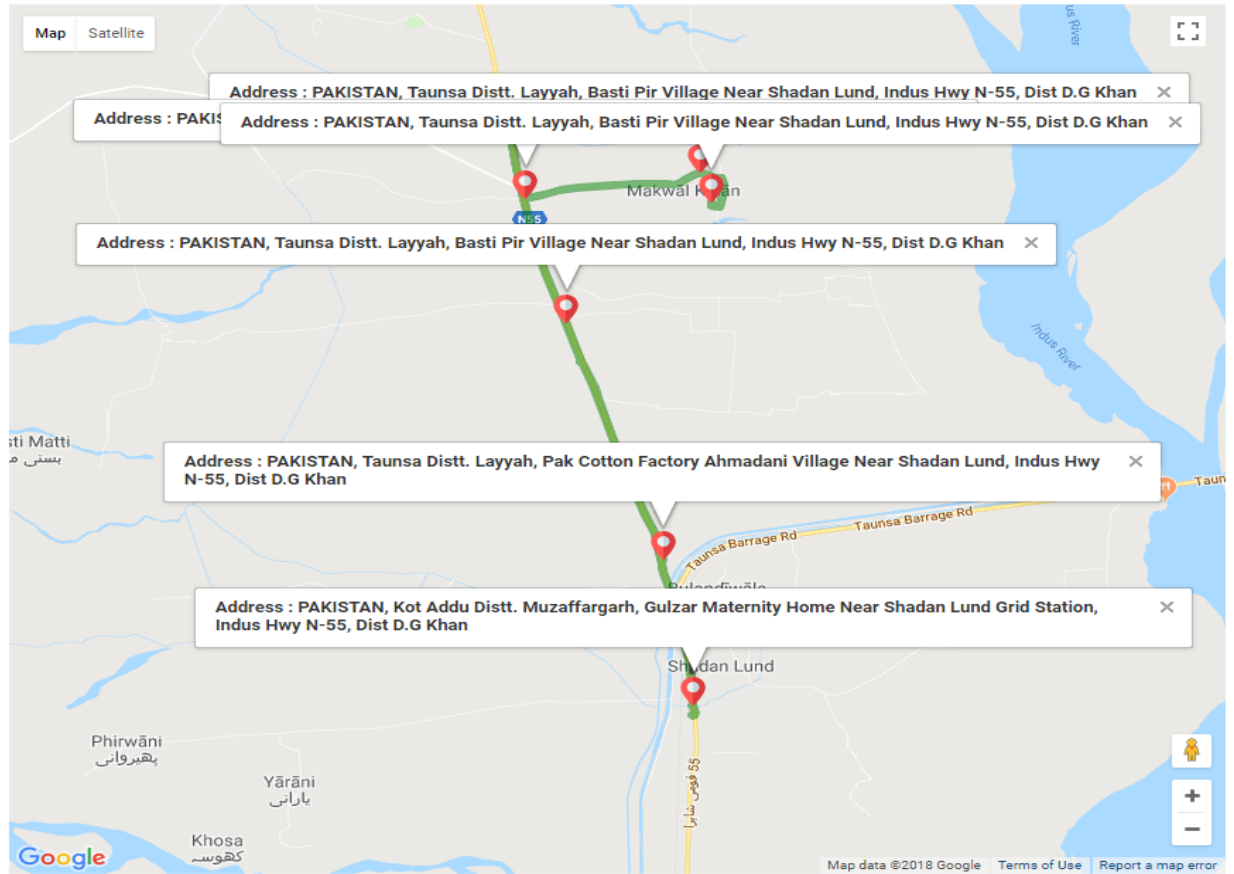
MNS-07-3173

05/02/2018

Map

PDF

- Stop Address**
1. PAKISTAN, Taunsa Distt. Layyah, Pak Cotton Factory Ahmadani Village Near Shadan Lund, Indus Hwy N-55, Dist D.G Khan
 2. PAKISTAN, Taunsa Distt. Layyah, Basti Pir Village Near Shadan Lund, Indus Hwy N-55, Dist D.G Khan
 3. PAKISTAN, Taunsa Distt. Layyah, Basti Pir Village Near Shadan Lund, Indus Hwy N-55, Dist D.G Khan
 4. PAKISTAN, Taunsa Distt. Layyah, Basti Pir Village Near Shadan Lund, Indus Hwy N-55, Dist D.G Khan
 5. PAKISTAN, Taunsa Distt. Layyah, Jattwala Village Bus Stop, Indus Hwy N-55, Dist D.G Khan
 6. PAKISTAN, Kot Addu Distt. Muzaffargarh, Gulzar Maternity Home Near Shadan Lund Grid Station, Indus Hwy N-55, Dist D.G Khan



Date	DsmName	AsmName	District	City	Distribution	VehicleNo	VehicleType	StartTime	NoOfTrips	VehicleLoadOut	NoOfStops	DropSizePerStop	AvgStopTime	Total
2018-05-02	SYED ABBAS	ATIQUÉ-UR-REHMAN	D.G KHAN	SHAHDAN LUND	SHAHDAN LUND- IRFAN EHSAAAN TRADERS	MNS-07-3173	SHAHZORE	12:52:59	2	342	6	57	00:46:00	0

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6. Live View

Live view provides you current and live information related to various vehicles within the distribution system. In this section, you can extract various reports based on either; a **Particular Distributor** or a **Particular Vehicle**. By clicking on the plotted markers on the map, you can also extract information about that vehicle for that particular time, like, Vehicle#, Distributor info, LAT & LONG Coordinates, Current Speed, Angle, Date & Time Stamp, Comments.

Figure 6.1: Screen Shot – based on Particular Distributor

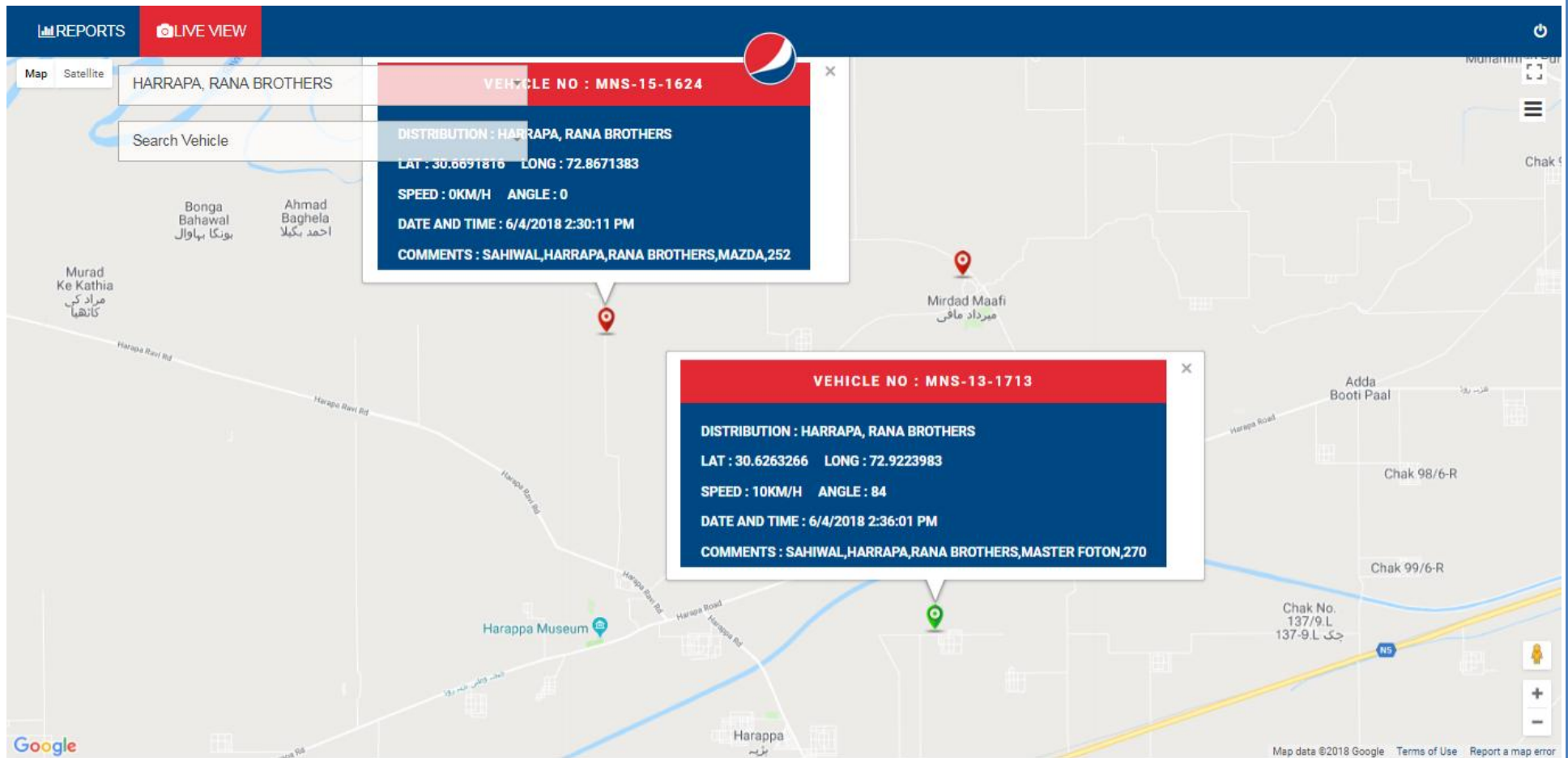


Figure 6.2: Screen Shot – based on Particular Vehicle

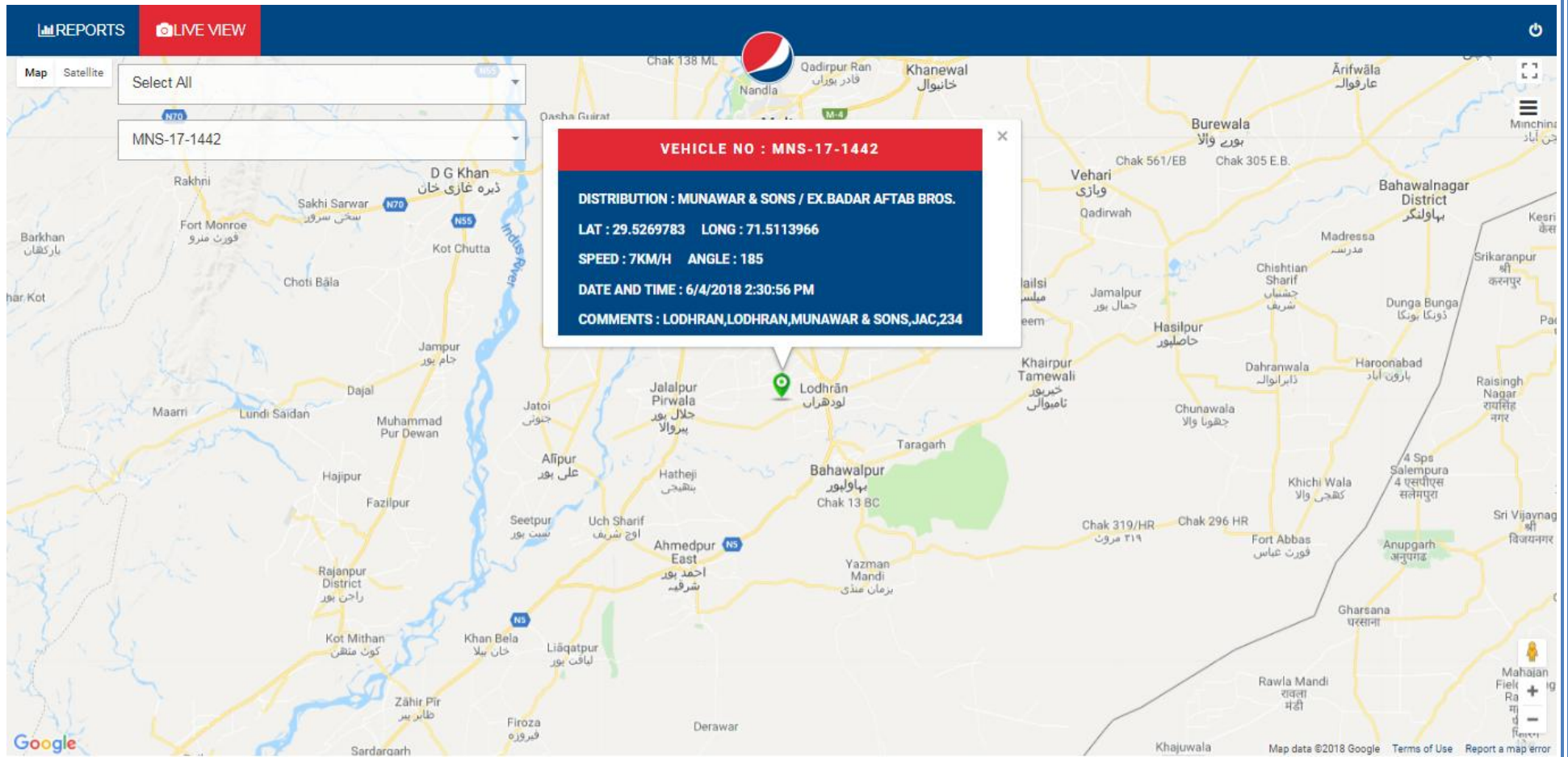
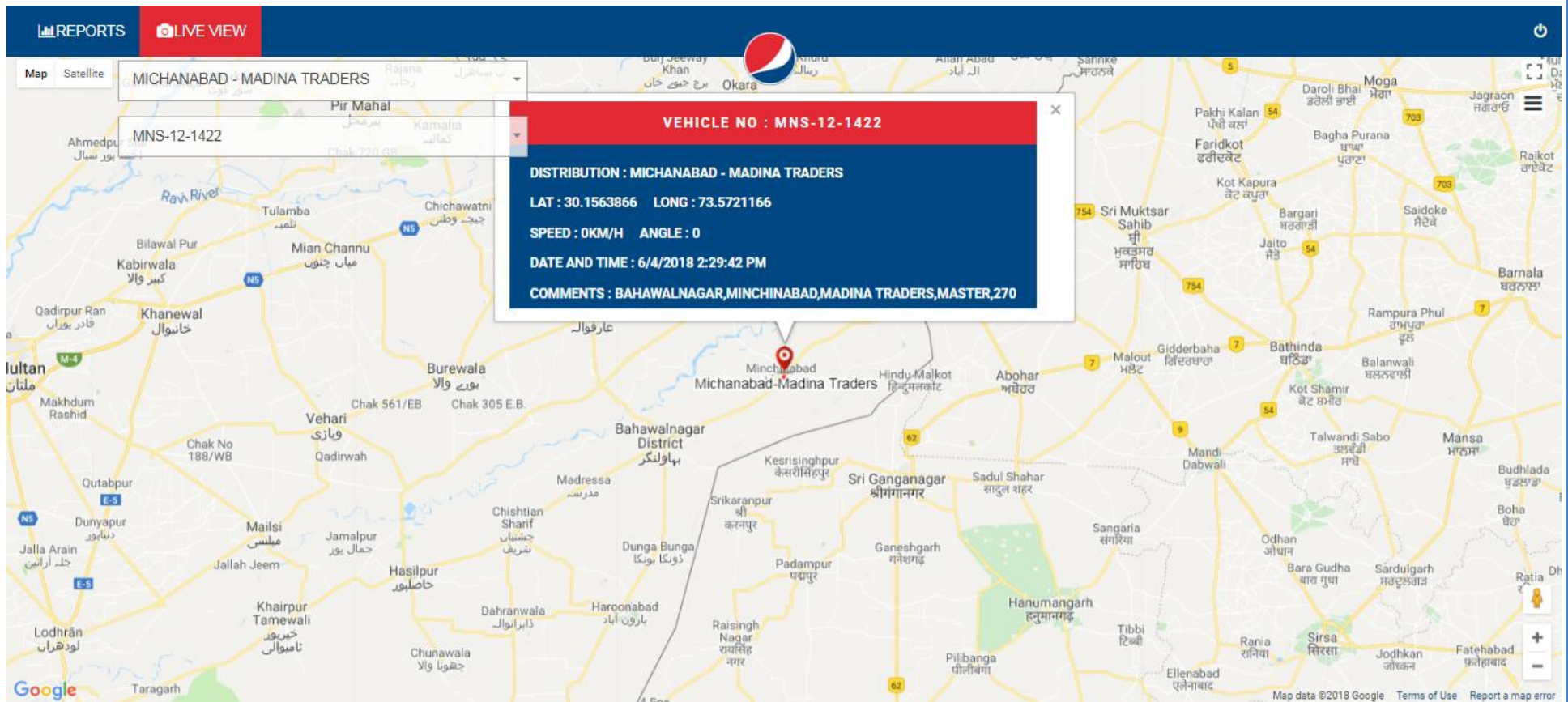


Figure 6.3: Screen Shot – based on Particular Distributor and Vehicle



This User Manual Ends Here at Page# 19 of this document.

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