

Waste Management System



NEED

Is my waste collection vehicle on correct route ?

Has my waste collection vehicle collected waste from all collection points ?

Is my waste collection vehicle reaching to collection points on time ?

How much time it takes to collect waste from all points ?

Is there any unplanned stop on collection route ?

Has my waste collection vehicle missed any collection point ?

Highlights

**Designed for
Waste Collection**



**Waste Collection
Tour Management**



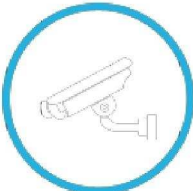
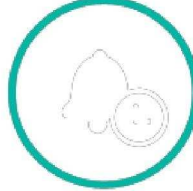
**Live
Tracking**



**Trip
Playback**



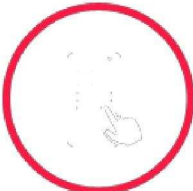
**Unauthorized
Stop Alert**



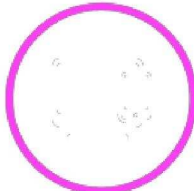
**Camera
Integration**



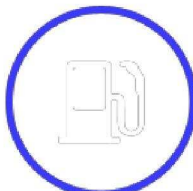
**RFID
Reader**



**Compare Trip
Route**



**Available on
any platform**



**Fuel Refill
/Pilferage**

Features

Dashboard

Trip Playback

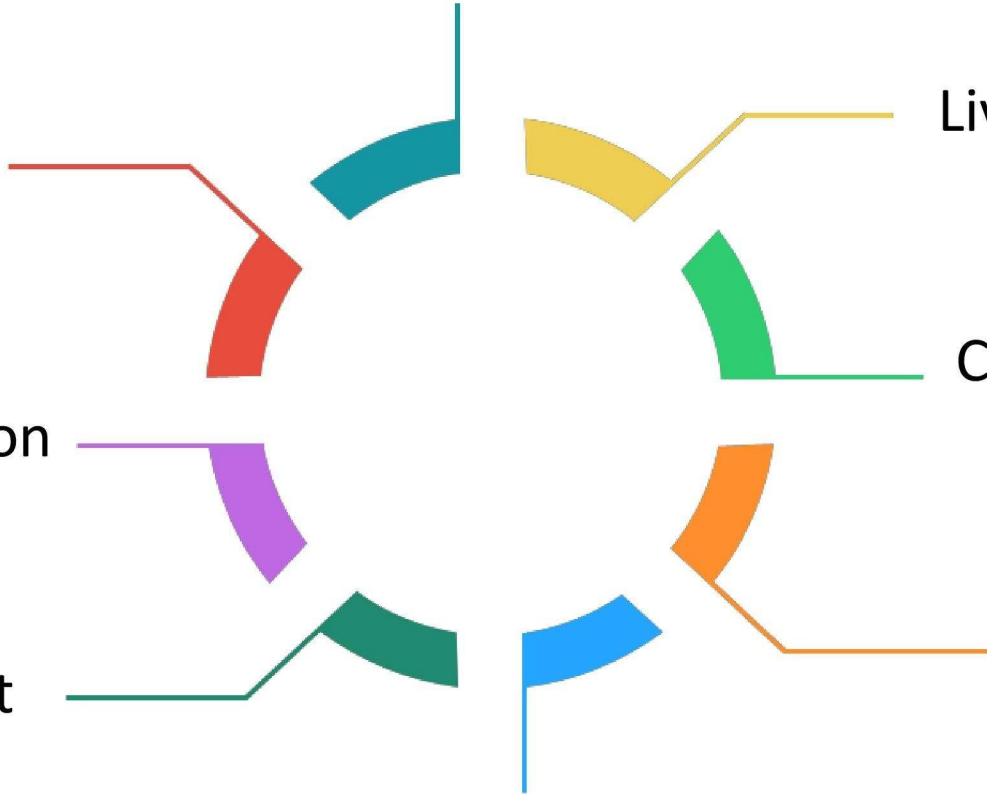
Live Tracking

Alert via SMS/Notification

Collection Trip Comparison

Travel Report

Collection Trip Summary



Dashboard

Snapshot of all your Waste Collection Vehicle's current activity with all details:



DashBoard
mtrack

10

1

23

21

0

- Running
- Idle
- Stop
- Inactive
- Nodata

Status↑	Vehicle↑	Distance	Running	Idle	Stop	Inactive	Duration	Speed	Location	Data Time
		5450.41	418:53	27:23	751:28	475:16				
	MP 16 L 0390	126.97	03:47	00:06	04:14	09:47	00:05	37	4.31 km from Uchehara, Madhya Pradesh, India (SE)	29-09-2015 05:55 PM
	RJ14 GE 5112	63.96	03:29	00:00	13:30	00:00	00:00	0	Near 5A, Punjabi Colony, Shiv Colony, Shankar Nagar, Jaipur, Rajasthan (SE)	29-09-2015 05:56 PM
	GJ 15 YY 2013	132.47	05:47	00:13	03:48	08:10	01:42	13	0.74 km from Nandhai, Gujarat, India (NE)	29-09-2015 05:36 PM
	GJ 21 T 6985	166.96	04:52	00:33	03:12	02:56	00:07	16	1.68 km from Harangam, Gujarat, India (NE)	29-09-2015 05:57 PM
	GJ 1 CU 1102	67.92	06:02	00:06	02:39	09:11	00:14	41	Near Jawaharlal Nehru Road, Arshad Park, Juhapura, Ahmedabad, Gujarat (NE)	29-09-2015 05:57 PM



Live Tracking

View all your Waste Collection Vehicle on single screen with detailed information

- Waste Collection Vehicle Location
- Waste Collection Vehicle Speed
- Travelled Kilometer
- Traveling Time
- Odometer (Km)
- Ignition Status
- Battery Status
- Door Status
- AC Status
- and many more...

The screenshot shows a software interface for live tracking. At the top, there's a status bar with 'Live Tracking' and a search bar. Below that, a summary row shows vehicle status: 375 Running, 964 Stopped, 89 Idle, 397 Inactive, 28 Nodata, and 1853 Total. The main area is split into a data panel on the left and a map on the right. The data panel for vehicle 'GJ 21 T 6985' includes: Company (ENVISION), Branch (SURAT), Vehicle Type (Mini Tempo), Driver (Ajitbhai Vansda), Mobile Number (9428822487), Fuel (0 LTR), and a call number (116323). It also shows location (1.33 km from Vanzna, Gujarat, India), reached time (29-09-2015 06:30:00 PM), latitude (20.84172), and longitude (73.1390217). A travel distance section shows a route from 177 km (Last Stop) to 182 km (Total) with a 5 km segment highlighted. The map on the right shows the vehicle's current location and route through a region with various towns and roads.



Trip Playback

Trip playback for all your Waste Collection Vehicle with detailed information,



Total Collection Points

Collection Point Location

Unplanned Stoppage

Wrong Route Selection

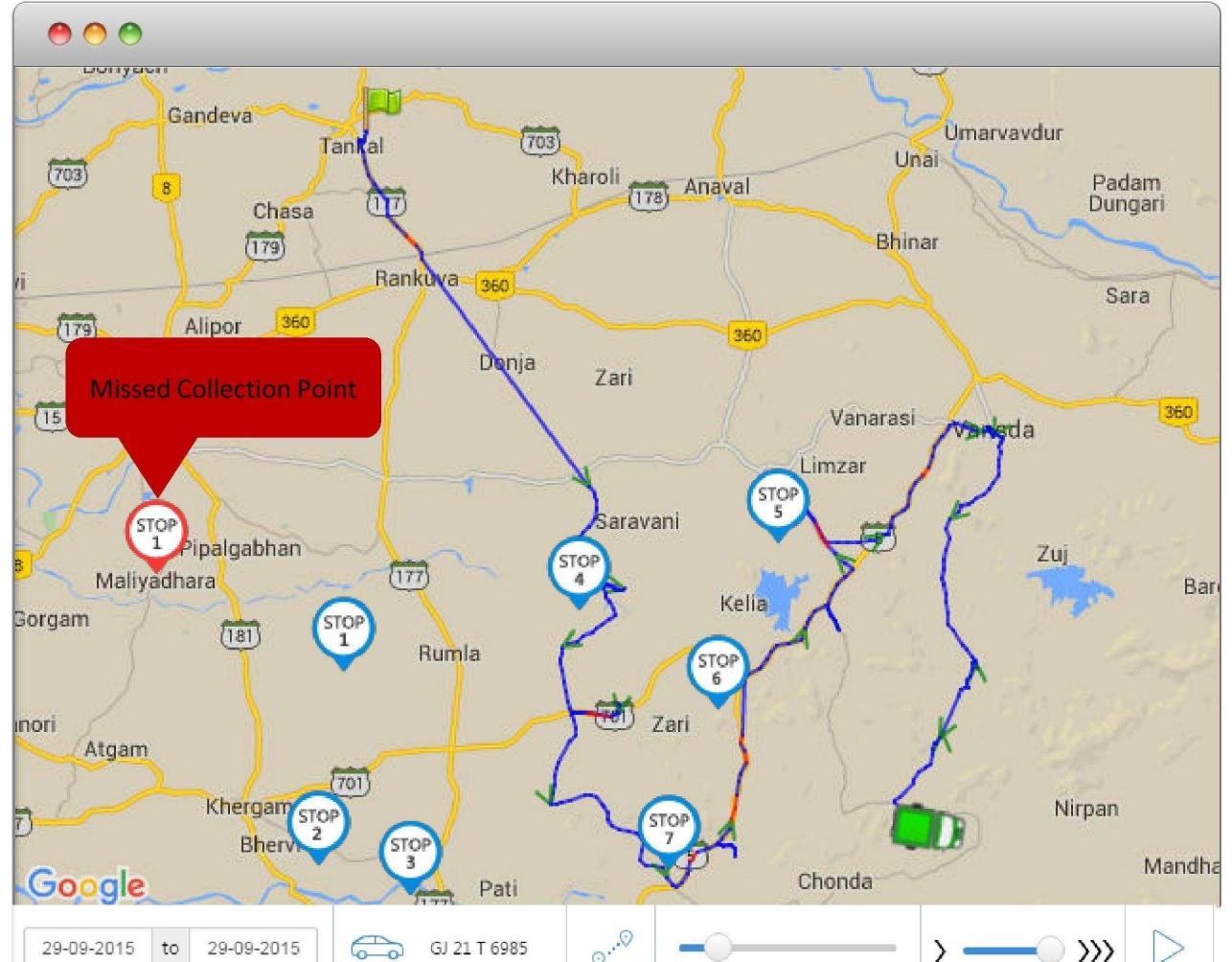
Missed Collection Points

Waste Collection Time

Waste Collection Vehicle Speed

Travelled Kilometer

Traveling Time



Collection Trip Summary

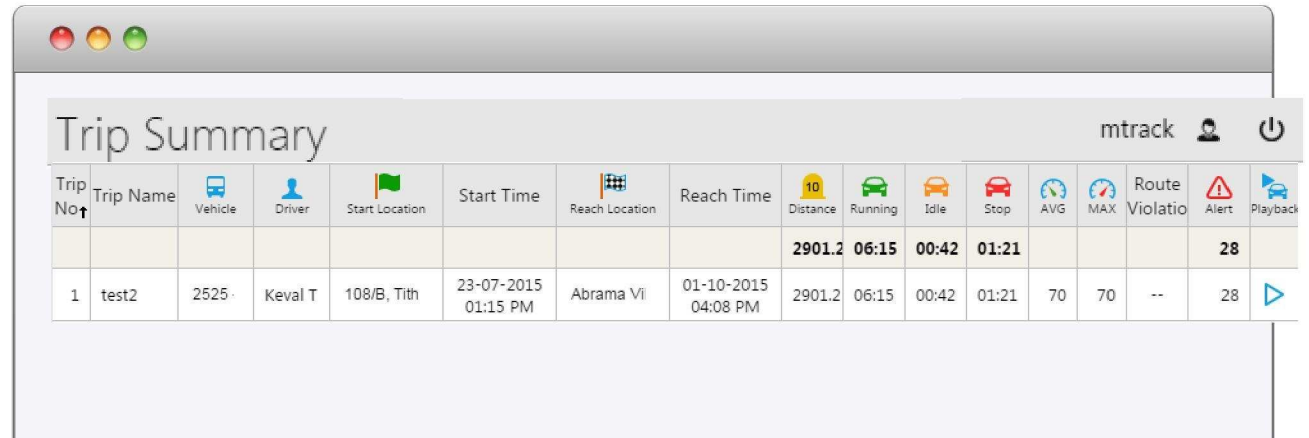
Features

- Vehicle Name
- Driver Name
- Start Location
- Start Time
- End Location
- End Time
- Travelled Kilometer
- Vehicle Average Speed
- Vehicle Max Speed
- Route Violation
- No. of Alert
- Playback of Trip


Trip Summary will give us a complete overview of a particular trip.

In case of driver's unusual behavior, we can track it from our Waste Collection Trip Summary.

Detailed information for Waste Collection Trip Summary is given below,



The screenshot shows a web application window titled "Trip Summary" with a user profile icon and a power button in the top right corner. The main content is a table with the following data:

Trip No	Trip Name	Vehicle	Driver	Start Location	Start Time	Reach Location	Reach Time	Distance	Running	Idle	Stop	AVG	MAX	Route Violatio	Alert	Playback
								2901.2	06:15	00:42	01:21				28	
1	test2	2525	Keval T	108/B, Tihi	23-07-2015 01:15 PM	Abrama Vi	01-10-2015 04:08 PM	2901.2	06:15	00:42	01:21	70	70	--	28	

Collection Trip Comparison

Now a days biggest concern for Waste Collection Transporter is about the collection trips.

This report is generated with detailed information and comparison between planned and actual trip.

- Waste Collection vehicle is following the authorized route or not.
- Waste Collection vehicle is collecting waste from all authorized points or not.
- Is there any unauthorized stop?

Actual Trips

Vehicle	Source	Destination	Estimate Start DateTime	Estimate End DateTime	Actual Start DateTime	Actual End Date and Time	Distance	Duration	Status
2525 - 2525	108/B, Tithal Ro:	Abrama Village,	23-07-2015 01:19 PM	23-07-2015 03:00 PM	23-07-2015 01:15 PM	--	4	00:15	✗

Unauthorize Stop

Actual Trip

Planned Trip

Actual Trip

Map

Path

Stop

Authorize Stop

Unauthorize Stop

Surat

00:13

Total

Travel Report

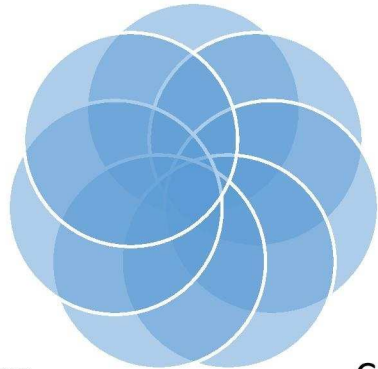
Waste Collection Vehicle's, Travel Report - Summary

Traveling Time

Travelled Kilometer

Collection Vehicle Max Speed

Start/End Location



Travelled Distance

Max Stoppage Duration

Collection Vehicle Average Speed

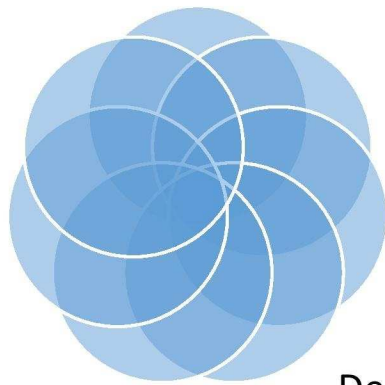
Travel Summary														mtrack	
Vehicle	Driver	Start Location	Distance	Running	Idle	Stop	Inactive	Stoppage	Idle	AVG	MAX	speed	Alert	End Location	
			1199.0	51:58	03:47	329:19	165:40	255:16	28			4	90		
GJ-10-TV-3370 - B2	Driver	Near Unn.	118.36	03:47	00:00	02:20	06:22	01:34	0	31	83	3	3	At kalyan	
GJ3AW 9773_08 - Bus	Driver	Near Falci	111.76	03:21	00:36	08:32	00:00	04:55	4	33	68	0	2	Near 150	
GJ3AW 9673_09									1	35	76	0	1	1.07 km fr	
									0	31	80	1	1	At kalyan	
									1	20	55	0	10	Near Bhin	
									2	25	72	0	15	Near HP I	
									0	20	65	0	0	At kalyan	
									0	21	63	0	11	Near 29-3	
									0	17	82	0	0	0.58 km fr	
									0	19	67	0	10	Near Cha	
									0	33	71	0	1	1.56 km fr	

Travel Detail Report								mtrack	
Vehicle	Date	Time	IGN	Location	Speed	Distance	Map		
						119034			
GJ-10-TV-3370	24-09-2015	06:21:44 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	2	0	📍		
GJ-10-TV-3370	24-09-2015	06:25:15 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	4	32	📍		
GJ-10-TV-3370	24-09-2015	06:25:16 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	7	2	📍		
GJ-10-TV-3370	24-09-2015	06:25:31 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	12	78	📍		
GJ-10-TV-3370	24-09-2015	06:25:32 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	11	4	📍		
GJ-10-TV-3370	24-09-2015	06:25:33 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	11	3	📍		
GJ-10-TV-3370	24-09-2015	06:25:34 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	8	3	📍		
GJ-10-TV-3370	24-09-2015	06:25:35 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	5	2	📍		
GJ-10-TV-3370	24-09-2015	06:25:36 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	8	2	📍		
GJ-10-TV-3370	24-09-2015	06:25:49 AM	🟢	Near Unnamed Road, Green City, Jamnagar, Gu	35	102	📍		
GJ-10-TV-3370	24-09-2015	06:26:01 AM	🟢	Near Jamnagar - Samana Road, Green City, Jai	29	106	📍		

Alert via SMS/Notification

Various Alerts

Trip Start



Route Deviation

Trip End

Delay At Collection Point

Reached Collection Point

Unauthorized Halt

Depart From Collection Point



Available on Web and Mobile



Waste Collection transporter always wanted to track current activities of their Waste Collection Vehicles.

Hence, we have provided this application which is available on Web as well as Mobile platform.

Now you can track your Waste Collection Vehicles any time from any where.



Our Solutions



FLEET MANAGEMENT
SYSTEM



TAXI DISPATCH
SYSTEM



SCHOOL BUS
TRACKING



TWO WHEELER
TRACKING



LOGISTICS TRANSPORT
SYSTEM



BICYCLE TRACKING
SYSTEM



AMBULANCE TRACKING
SYSTEM



EMPLOYEE
TRANSPORTATION



PUBLIC
TRANSPORT



GOODS COLLECTION /
DISTRIBUTION



DELIVERY
TRACKING



FUEL SENSOR
SYSTEM



TEMPERATURE
MONITORING SYSTEM



SALES FORCE TRACKING
SYSTEM



CAR SECURITY
SYSTEM



SENIOR CITIZEN / CHILD
TRACKING