**Smart WASTE**

Humans are yet to master the art of waste management. But with SmartWaste, we all might be just a step away from perfection. Grow sustainable waste management businesses with Uffizio. It's about time that you get used to exceptional transparency, real-time data, & accurate analytics.

How does it work?

Take control over your waste collection processes with GPS powered tools

Assign waste collection points using SmartWaste app
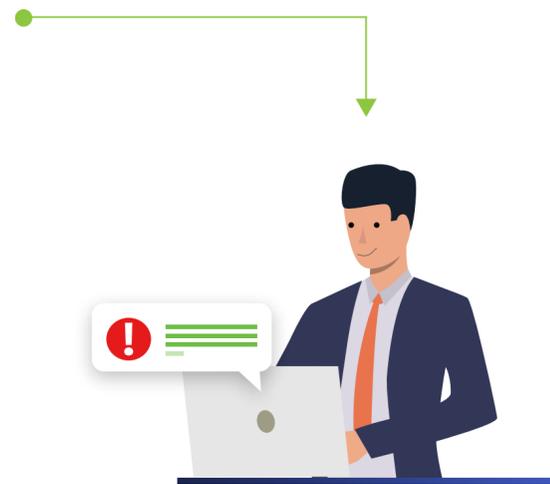
Get notified when your crew misses or delays a collection

A task is said to be complete only when all collection points along a route have been visited

Get proof of task completion using photos, QR codes, & RFID

Keep track of collected waste & easily know when quantities are lesser than usual

Connect with residents & be the first to react to their complaints

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See who's using SmartWaste:

You could be a government municipality or a private waste collection agency—either way; you need SmartWaste. See how we've simplified waste collection by taking care of every aspect.

Administration

We equipped admins with tools that can enhance operational visibility—now available in mobile and web applications

Waste Collectors

Waste collection crew members can offer proof of completed tasks through photographs, QR code scans, & RFID.

Task Completed

Citizens

We've got tools to increase citizen involvement. They can lodge complaints and give reviews through the citizen app.

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Welcome

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Dashboard

One-click access to everything you'll ever need!

Monitor daily collection routines and get real-time insights into work hours. You will quickly identify when your crew misses multiple points along the way. See the number of trips your crew was able to complete without any alerts.
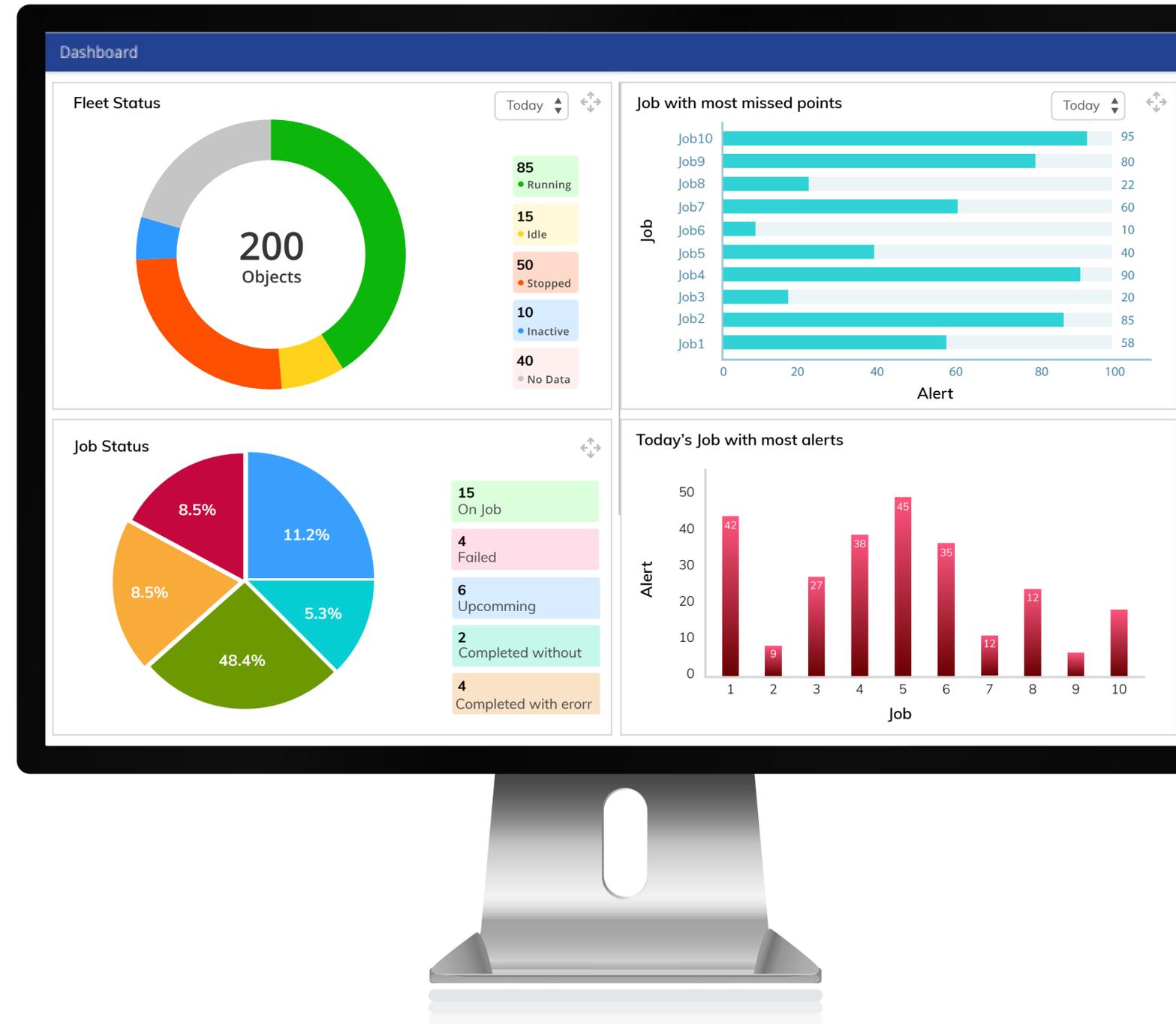
Review waste collection statistics

Catch up with alerts and task violations

Monitor fuel consumption and refills

Reminders for upcoming fleet maintenance

Dashboard

Fleet Status   Today

200 Objects

85 Running
15 Idle
50 Stopped
10 Inactive
40 No Data

Job with most missed points   Today

Job10   95
Job9   80
Job8   22
Job7   60
Job6   10
Job5   40
Job4   90
Job3   20
Job2   85
Job1   58

Job

0   20   40   60   80   100
Alert

Job Status

8.5%
11.2%
5.3%
48.4%
8.5%

15 On Job
4 Failed
6 Upcomming
2 Completed without
4 Completed with erorr

Today's Job with most alerts

42
9
27
38
45
35
12
12
12

50
40
30
20
10
0

Alert

1   2   3   4   5   6   7   8   9   10
Job

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Live Tracking

See what "more than just simple tracking" feels like!

We put ourselves in your shoes and wondered: "What do admins want?" We know staying up-to-date with waste collection jobs is important. We also know you'd like to see how well your employees & fleets are working. So, we got it all on a single screen!
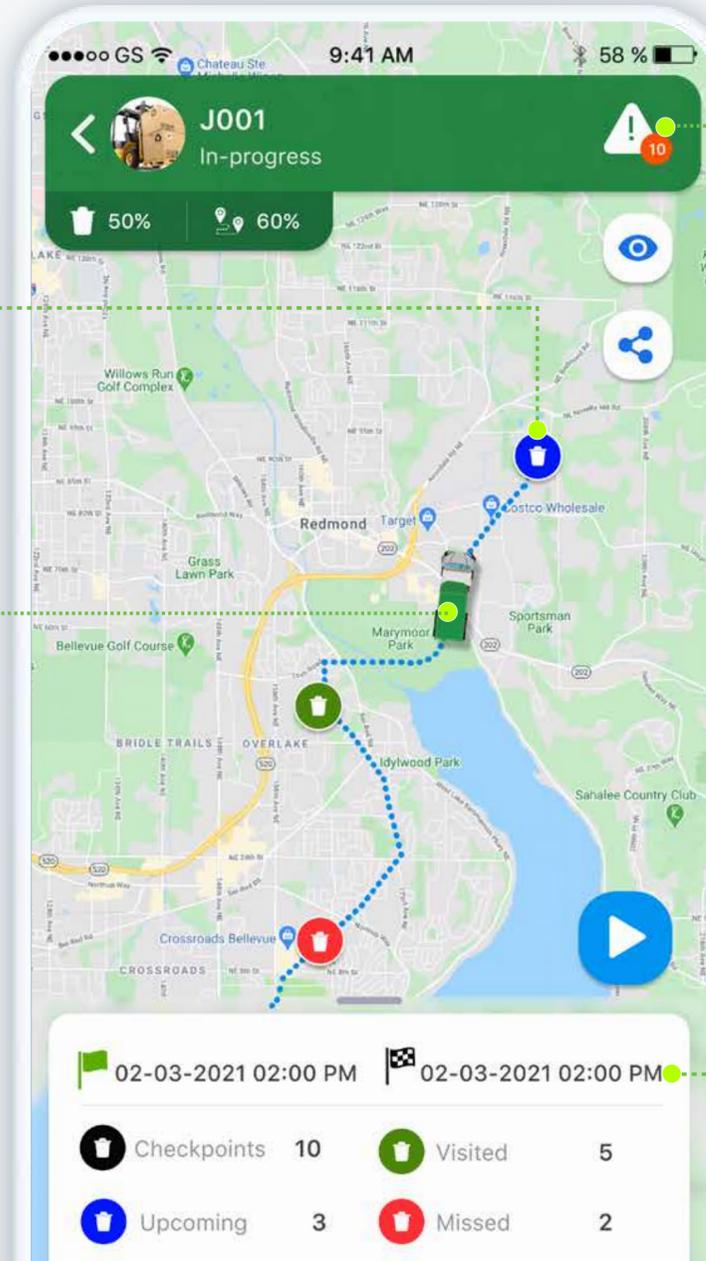
Here's what our live-tracking screen can do for you:

Red, Blue, & Green dustbin icons indicate missed, in-progress, & completed jobs

See the timing and type of alert occurrences along the route

Stay updated with live vehicle status and location
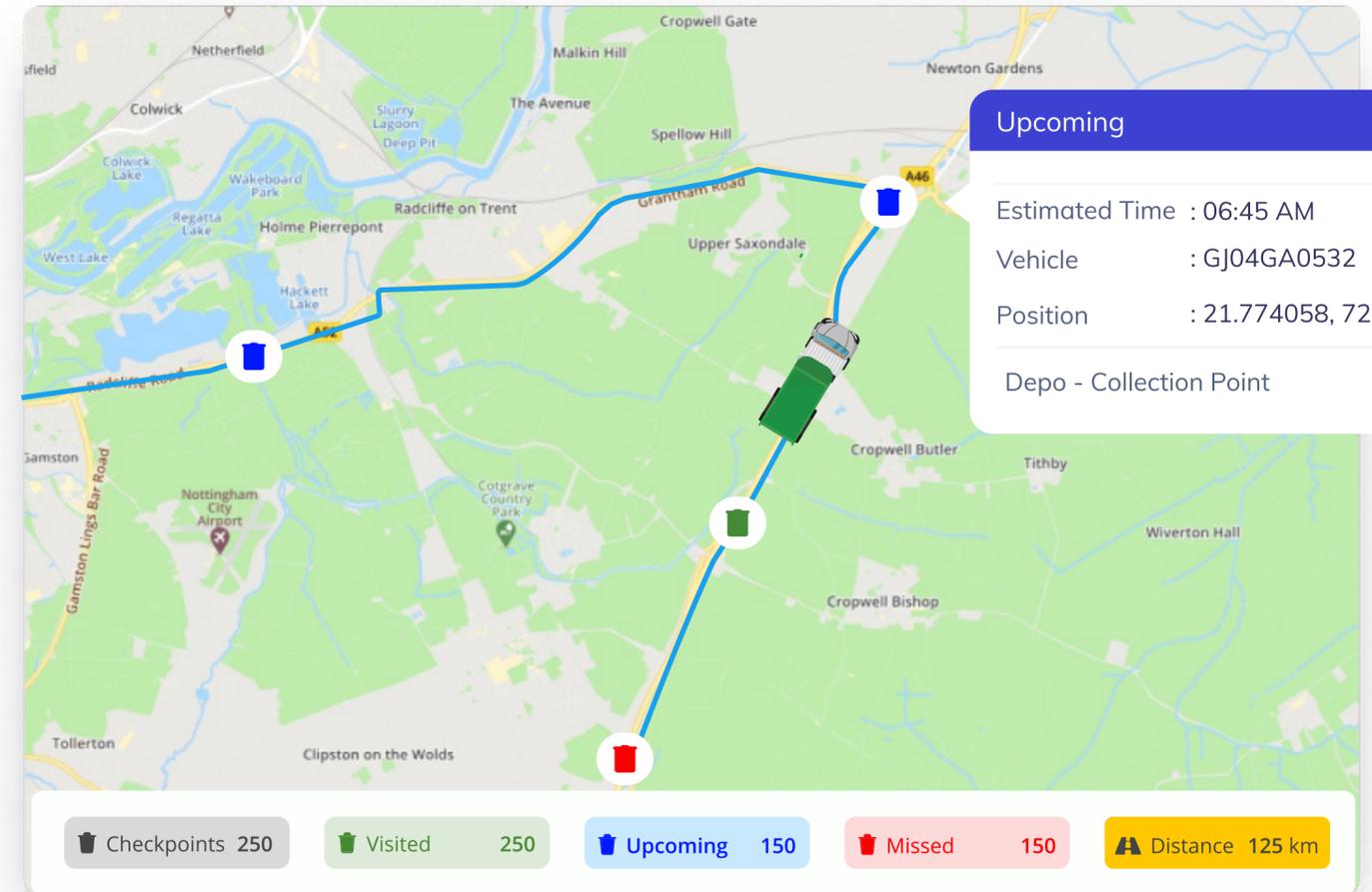You can also playback past collection routes

Review the time of collection. Compare permissible halt times with actual ones

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The Job module

Without transparency, your business is just a guessing game!

01 Waste collection points can be saved as an address

02 A job is complete when all points along its route are visited

03 You'll be able to conduct & monitor vehicle-independent routes

04 Penalize for missed points. Configure your penalty based on areas.

Upcoming

Estimated Time : 06:45 AM
Vehicle : GJ04GA0532
Position : 21.774058, 72.142208

Depo - Collection Point

| Checkpoints 250 | Visited 250 | Upcoming 150 | Missed 150 | Distance 125 km |

Know missed, delayed, or poorly timed visits

See the number of missed checkpoints

Job distance and duration

Monthly comparison & review of missed checkpoints

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Job Summary Reports

Because productivity is never an accident!

Instead of staring hours at the live-tracking screen, you can get the same insights into collection routes using our carefully crafted job summary reports.

✓ Know the status of current or historical jobs

✓ Planned start time vs. Actual start time

✓ % of job completed & % of distance traveled

✓ Access jobs based on their designated zone & ward

Today's Job Summary

Status	Vehicle	Planned Start Time	Planned End Time	Actual Start Time	Actual End Time	Planned Checkpoints	Visited Checkpoints	Visited Early	Visited Delay	Missed Checkpoints	Checkpoints Complete Status(%)	Distance	Distance Completed %
Completed With Error	GJ04GA0605 Truck	07:00 AM	05:00 PM	06:57 AM	07:06 AM	99	0	0	0	99	0	3.98	17
Completed With Error	GJ 04 GA 0728 Truc	07:00 AM	05:00 PM	07:00 AM	--	99	15	11	5	84	15	6.36	28
On Job	GJ04GA0823 Truck	07:00 AM	05:00 PM	07:15 AM	--	99	54	35	8	0	54	16.23	71
On Job	GJ04GA0532 Truck	07:00 AM	05:00 PM	11:27 AM	--	99	6	1	5	0	6	1.10	5
Completed With Error	GJ04GA0605 Truck	06:15 AM	12:15 PM	07:06 AM	--	44	1	0	0	43	2	13.88	77
Completed With Error	GJ04GA0532 Truck	06:15 AM	12:15 PM	06:40 AM	11:27 AM	44	35	30	0	9	79	33.81	188
Completed With Error	GJ04GA0605 Truck	06:10 AM	04:25 PM	07:25 AM	11:19 AM	54	23	7	0	31	42	8.14	31
Upcoming	--	07:00 PM	10:00 PM	--	--	4	0	0	0	0	0	0.00	0
Upcoming	--	05:00 PM	07:00 PM	--	--	4	0	0	0	0	0	0.00	0
Upcoming	--	11:55 AM	12:10 PM	--	--	5	0	0	0	0	0	0.00	0
Upcoming	--	07:07 PM	10:00 PM	--	--	6	0	0	0	0	0	0.00	0
Upcoming	--	11:54 AM	12:15 PM	--	--	3	0	0	0	0	0	0.00	0
Upcoming	--	11:55 AM	12:45 PM	--	--	3	0	0	0	0	0	0.00	0
Upcoming	--	08:00 AM	11:59 PM	--	--	7	0	0	0	0	0	0.00	0
Upcoming	--	08:00 PM	10:00 PM	--	--	5	0	0	0	0	0	0.00	0

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Object Report

A smarter, quicker way to monitor your fleets

We know there is no collection without your fleets. Garbage collection vehicles truly drive your business forward. With the help of our object reports, you'll know:
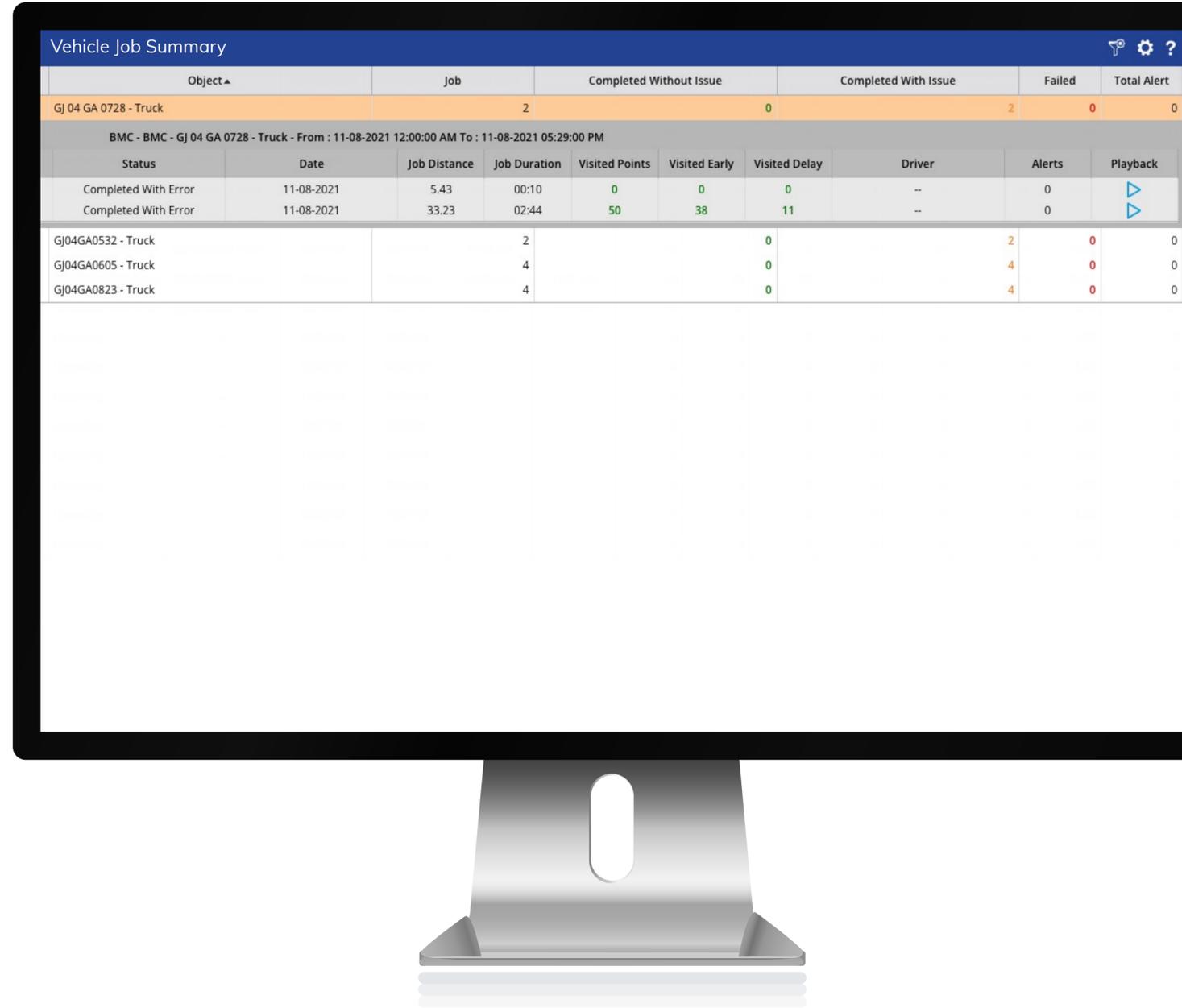
Number of jobs accomplished by a selected fleet

Total jobs completed with & without issue

Which company and branch does the fleet belong to

Know the total distance traveled by your fleets

Vehicle Job Summary

Object ▲	Job	Completed Without Issue	Completed With Issue	Failed	Total Alert
GJ 04 GA 0728 - Truck	2	0	2	0	0

BMC - BMC - GJ 04 GA 0728 - Truck - From : 11-08-2021 12:00:00 AM To : 11-08-2021 05:29:00 PM

Status	Date	Job Distance	Job Duration	Visited Points	Visited Early	Visited Delay	Driver	Alerts	Playback
Completed With Error	11-08-2021	5.43	00:10	0	0	0	--	0	▷
Completed With Error	11-08-2021	33.23	02:44	50	38	11	--	0	▷

Object	Job			Failed	Total Alert
GJ04GA0532 - Truck	2	0	2	0	0
GJ04GA0605 - Truck	4	0	4	0	0
GJ04GA0823 - Truck	4	0	4	0	0

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Monitor areas that matter to you

We understand that monitoring dustbin collection points is not enoug. The collected waste needs to be emptied at a dump yard or a transfer station. So, we've got tools to monitor those areas as well:

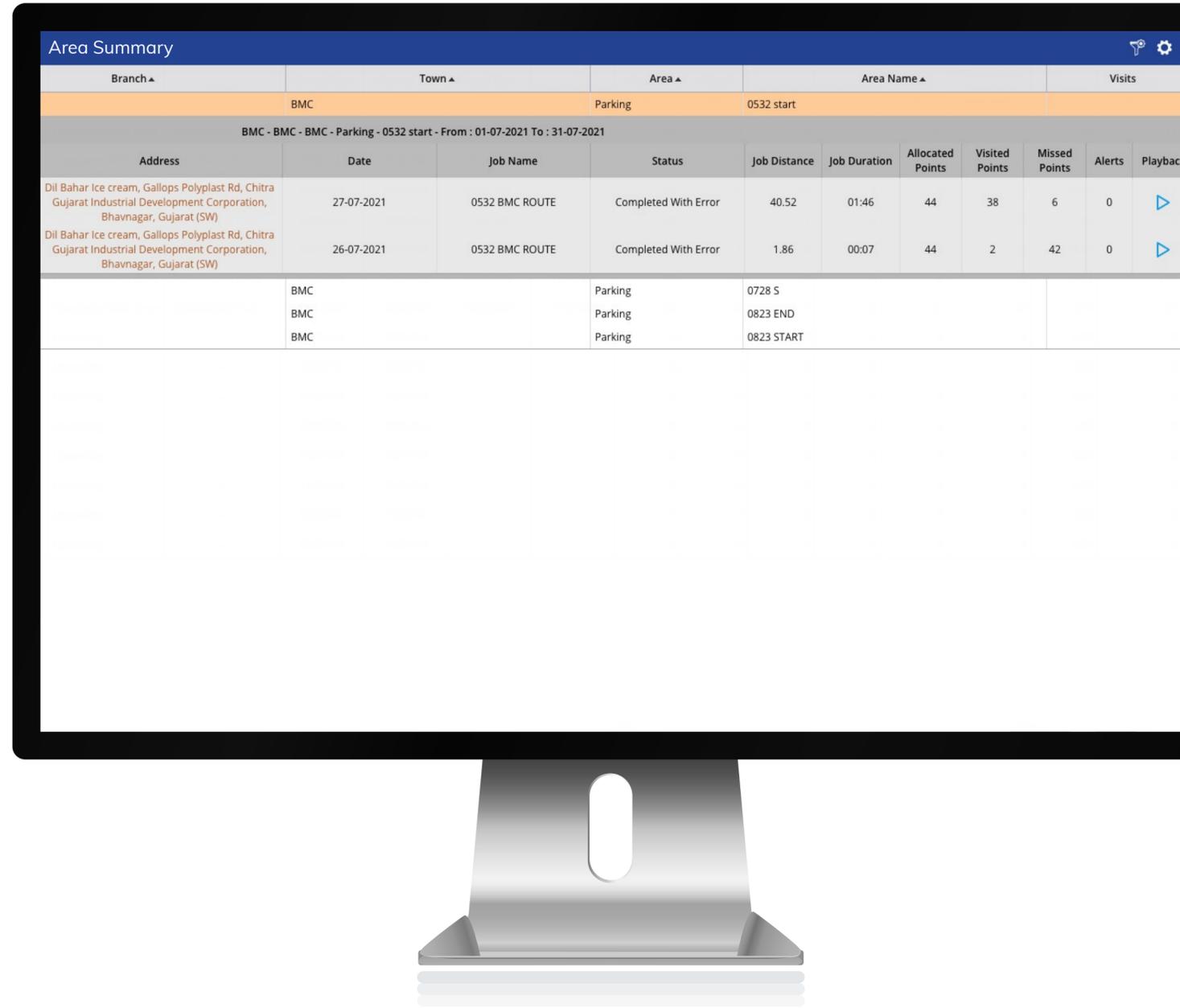Smartly monitor parking yards, dumping grounds, & transfer stations

Know how many vehicles are present in these areas

Accurate data available on a daily/ monthly basis

Change the type and the name of these area as you like

Area Summary

Branch ▲		Town ▲	Area ▲		Area Name ▲		Visits
BMC		Parking		0532 start			

BMC - BMC - BMC - Parking - 0532 start - From : 01-07-2021 To : 31-07-2021

Address	Date	Job Name	Status	Job Distance	Job Duration	Allocated Points	Visited Points	Missed Points	Alerts	Playbac
Dil Bahar Ice cream, Gallops Polyplast Rd, Chitra Gujarat Industrial Development Corporation, Bhavnagar, Gujarat (SW)	27-07-2021	0532 BMC ROUTE	Completed With Error	40.52	01:46	44	38	6	0	▷
Dil Bahar Ice cream, Gallops Polyplast Rd, Chitra Gujarat Industrial Development Corporation, Bhavnagar, Gujarat (SW)	26-07-2021	0532 BMC ROUTE	Completed With Error	1.86	00:07	44	2	42	0	▷
BMC		Parking	0728 S							
BMC		Parking	0823 END							
BMC		Parking	0823 START							

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Leverage real-time data for eye-catching results

Your business runs on your fleets. Every single decision you take affects their uptime. So, make all the right choices with real-time data at your fingertips!

Fleet Activity Reports

- Playback vehicle routes & review their stoppages

- You will see where and when your drivers speeded

- Know ignition on/off times and see how much your fleets traveled per day

Maintenance Reports

- Review maintenance history for each vehicle

- Keep track of engine hours & the total distance traveled

- Automate scheduling and get reminded of servicing dates

Fleet Expense Reports

- See how much your fleets are costing you per hour and per mile

- Account for fuel, tires, tolls, insurance costs, & driver salaries

- Acknowledge maintenance costs, and cost of repairs after accidents

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Don't be busy. Be Productive!

Once upon a time, it was impossible to monitor hundreds of fleets or crew members simultaneously. Now, you can! Here is how you could monitor your fleets and drivers without getting overwhelmed:

Geofence Report

- See how much time your fleets spend inside and outside a geofence

- You will be able to review geofence entry or exit time stamps

- Get to know how many vehicles visited a particular geofence

Alert Report

- Know when your drivers are idling or underutilizing company resources

- Get to know the number of alerts, their type & duration
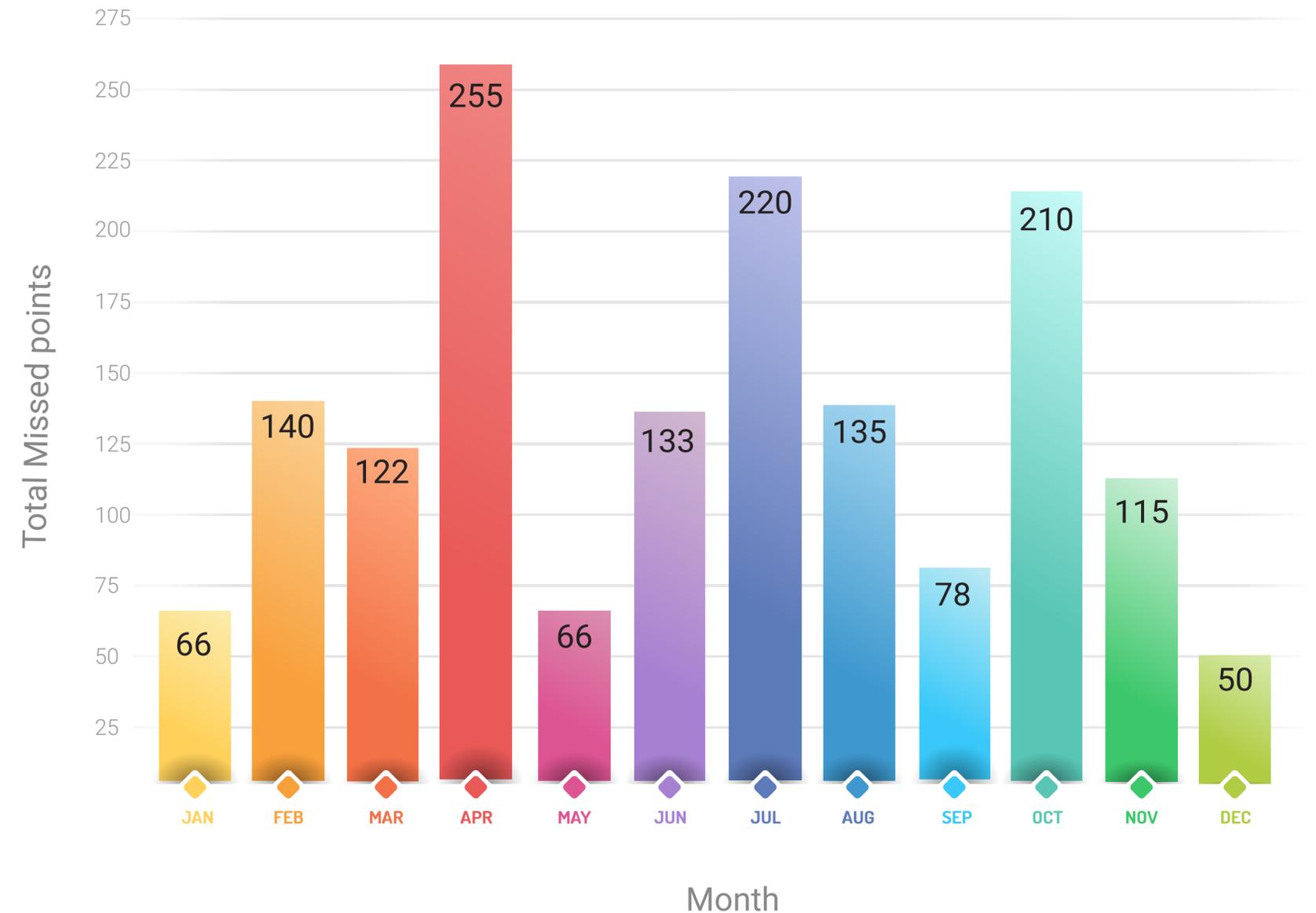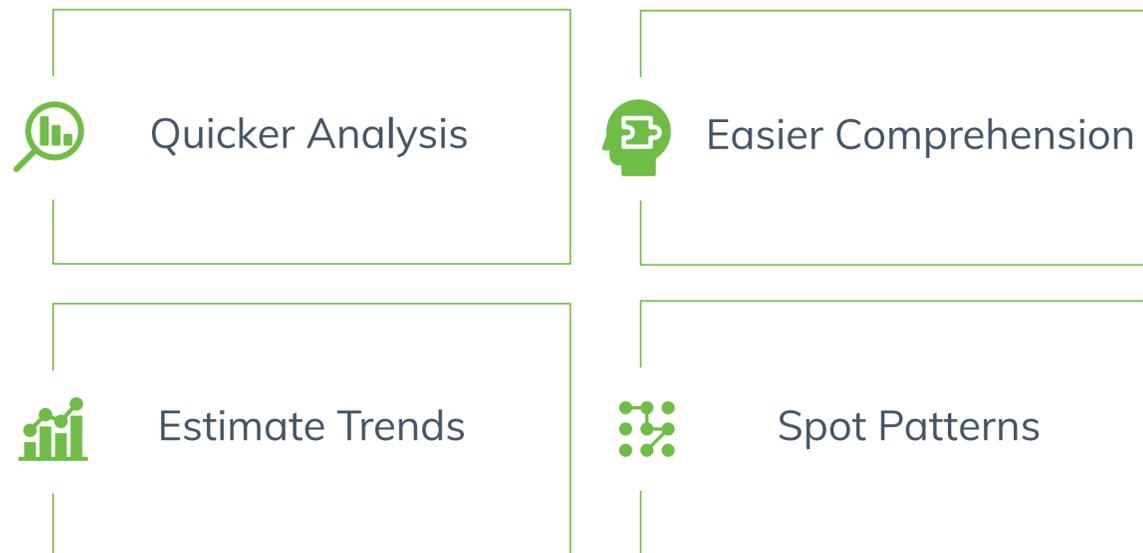
- See alerts per driver and train them accordingly

Geofence Visited Summary

Company	Vehicle	No of Visits	Geofence Duration
Global Waste	GJ15 AA 9022	1	00:30:21
Pure Earth Inc.	TN02 JJ 6665	6	01:01:00
Greenhouse Plastics	DL02 JJ 4587	1	00:10:09
Green Eco	CG21 AA 1256	2	02:05:03
Evergreen	GJ15 KL 5532	2	01:05:02

Alert Status

Alert Date Time	Vehicle	Driver	Alert	Duration
01-07-2021 05:00 PM	MP 15 AA 9022	Jason Mell	Passed POI	01:00
02-07-2021 06:10 AM	MP 15 KL 5532	Kelly Frankin	Overspeed	04:10
03-07-2021 04:05 PM	RJ 18 BK 2230	John Deo	Fence Overstay	00:30
04-07-2021 01:47 AM	MP 21 AA 1256	Leo Kris	Passed POI	06:25
05-07-2021 05:46 AM	MP 02 AP 6665	Mackson	Overspeed	00:31

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Experience Data Visualization

Data can mean very little without the right tools to analyze it. If you are a visual learner, then you are in for a treat! We've got tools for you to interpret data visually. You can map bar graphs, piecharts, or linear graphs—only with SmartWaste.

Quicker Analysis

Easier Comprehension

Estimate Trends

Spot Patterns

Total Missed points

275
250
225
200
175
150
125
100
75
50
25

JAN 66
FEB 140
MAR 122
APR 255
MAY 66
JUN 133
JUL 220
AUG 135
SEP 78
OCT 210
NOV 115
DEC 50

Month

Here is why administrators love using SmartWaste:

Waste management agencies function through a corporate hierarchy. Hence, they need a flexible structure that lets them access specifics that serve their purpose.

Any given state is broken into zones, which further gets fragmented into wards. Zone and wards are managed by different individuals.

Different scope of visibility for different managers

```
                                    State

        Ward managers access only those collection details that concern them

            City1                    City2                    City3

                        Zone managers can access multiple wards & inspect errors

        Zone1      Zone2       Zone1       Zone2              Zone1

    Ward1  Ward2   Ward1      Ward1    Ward1   Ward2       Ward1   Ward2
```

> Managers enjoy total transparency   > Can accommodate institutional hierarchies   > Enables quicker actions & response

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Proof of completed tasks

Get the visibility you deserve

Waste collectors will be able to take photos of emptied dustbins as proof of a job well done. They can also scan QR codes (or RFID), stuck on the dustbin every time they clean them. So, admins will always know what their crew is doing.

Enhance on-site service

Streamline processes

Transparency

Faster communication

Checkpoint 1

SCAN

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Report missed collections

Let citizens be your extra pair of eyes

Waste management is everyone's responsibility. Increase citizen engagement and make sure their issues get resolved quickly. After all, happy citizens are the true measure of your success.
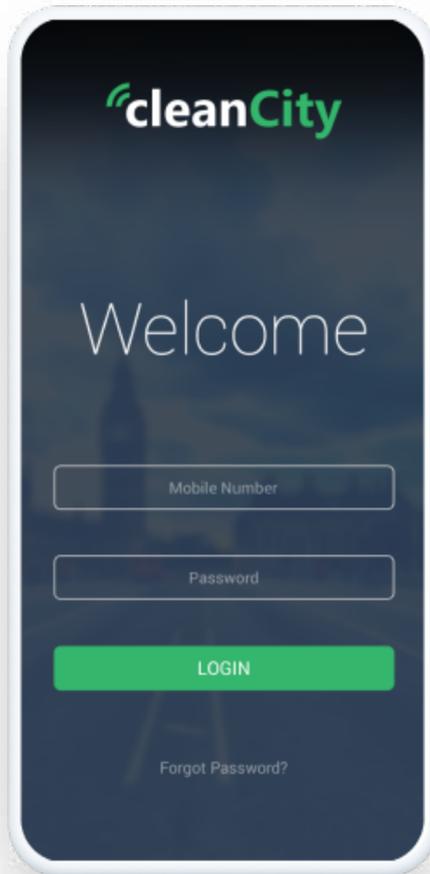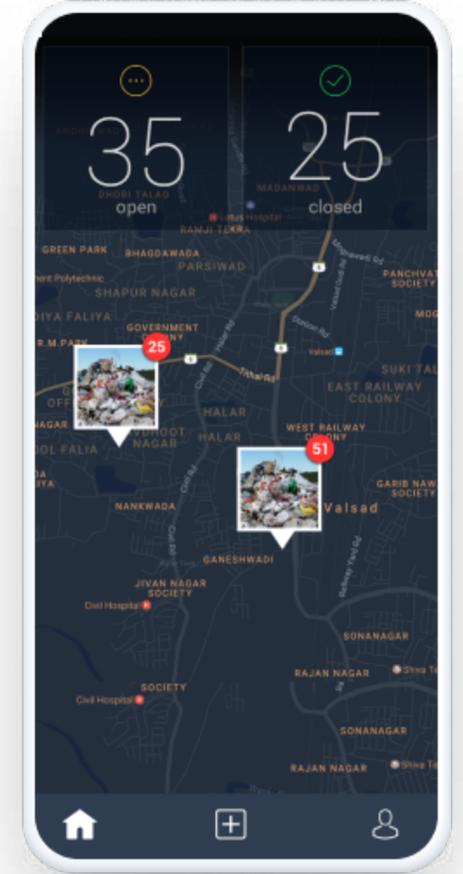

Citizens can create their individual profiles through their phone numbers
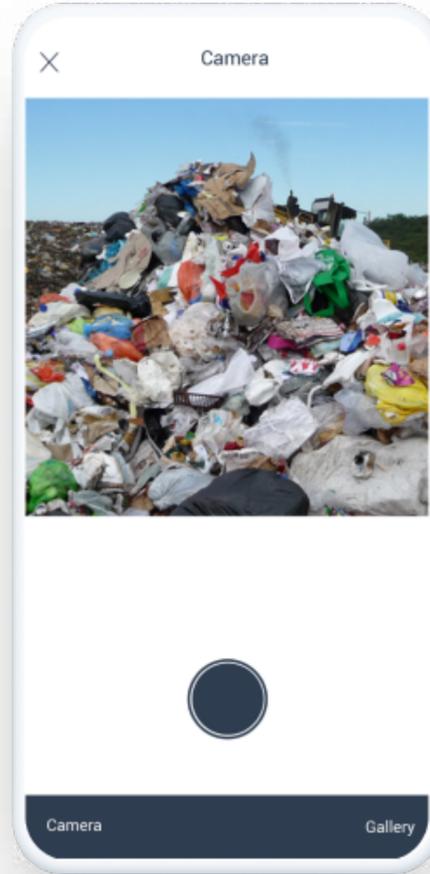
Take pictures of unkempt dustbins. Pictures can be geolocated
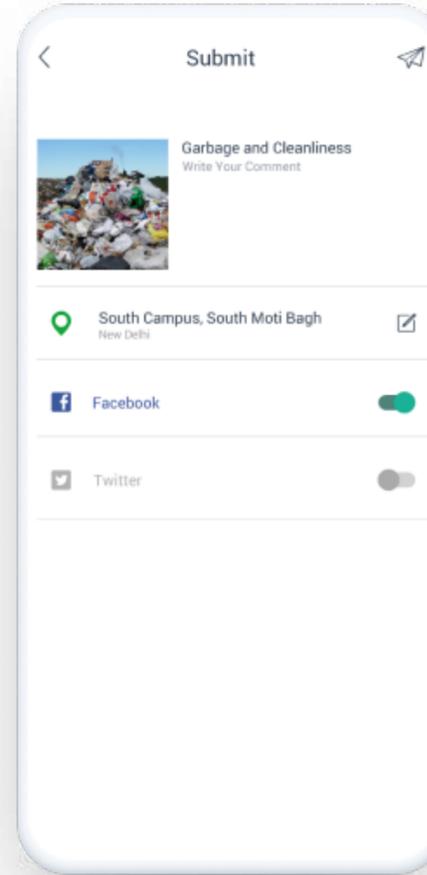
Lodge complaints & comments on irregular waste collections

Keep track of your open-closed complaints & track their progress

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Reap the benefits of solid hard work!

Every year, the amount of waste generated globally increases at alarming levels. The need for a sustainable waste management solution is imperative. Our waste management solution is flexible and can be deployed for the following purposes:

Household waste

Making sure each dustbin gets emptied regularly and on time

Medical Waste

Responsible waste disposal to prevent disease infestation

Industrial Waste

Measure the weight of collected waste with weigh scale integrations

Thank You

Questions? **Talk to us!**

info@uffizio.in