

INDUSTRIES

WE SERVE



uffizio

A message to our reader,



Tushar Bhagat
Chairman, Uffizio Group

“

Over the years, we have interacted with partners and businesses who often ask the same question- Which industries should we focus on? Where can we create real value?

Opportunities are everywhere, but clarity is often missing. Without understanding real, on-ground challenges, it becomes difficult to move forward with confidence.

That is why we created this book.

It brings together real-world challenges and practical use cases. It helps you see where genuine demand exists and how you can position your offerings with confidence.

Our aim is simple to give you clarity, so your next step toward growth is confident and well-informed.

We hope this guide helps you discover new possibilities and expand with purpose.

Growth is never just about expanding into new markets. It is about choosing the right direction.

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Logistics & Transportation



Why logistics is a great market for you

Logistics companies are always looking for ways to cut costs, improve delivery speed, and run smoother operations. The Freight and Logistics Market size is estimated at USD 6.37 trillion in 2025, and is expected to reach USD 8.13 trillion by 2030, at a CAGR of 4.99% during the forecast period (2025-2030).

Source: <https://www.mordorintelligence.com/industry-reports/freight-logistics-market-study>



Key problems you can solve

- No real-time visibility of vehicles
- Delayed or missed deliveries
- High fuel expenses and fuel theft
- Mismanagement of tires
- Longer routes
- No proof of delivery
- Difficulty managing large fleets
- Unsafe or unpredictable driver behavior

What you can offer with Uffizio



Live vehicle tracking



Route planning & ETA



Fuel monitoring



Driver behavior reports



Temperature monitoring



Proof of delivery



Alerts for idling, harsh driving etc



Camera / MDVR integrations

Benefits that help you close deals faster

- ✓ Improve delivery accuracy
- ✓ Reduce costs for your clients
- ✓ Strong differentiation for your business
- ✓ Easy to scale
- ✓ High recurring revenue

Hardware used in this Industry



01

USE CASE

End-to-end visibility for long-distance trucking operations

Once a truck leaves the warehouse for a long-haul journey, it travels vast distances across highways and remote routes. Without real-time visibility, businesses risk delays, fuel loss, safety issues, and dissatisfied customers. Smarter tracking helps manage everything from dispatch to delivery.



01 Goods dispatched from warehouse

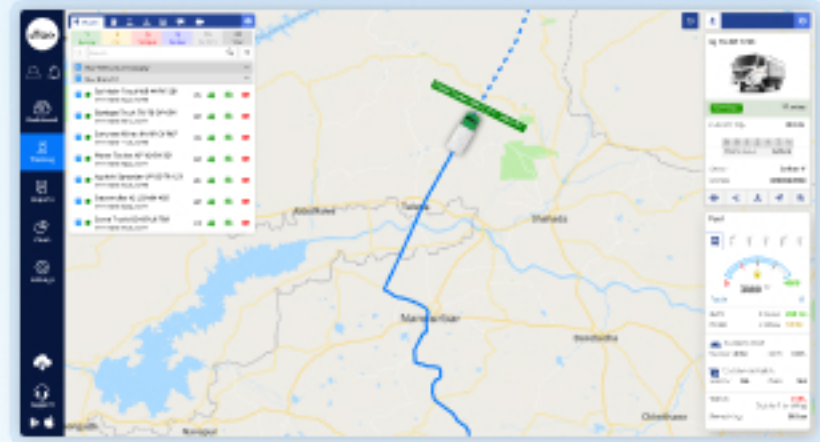
Problem

No visibility once the truck leaves the yard.



Solution

Live vehicle tracking starts immediately, showing the truck's exact location in real time.



02 Truck travels across long routes

Problem

Route deviations and unnecessary stoppages increase delays and costs



Solution

Route monitoring ensures the truck follows approved paths, with instant alerts for deviations.



03 Cargo security during long-haul transit

Problem

No visibility if the cargo door is opened during transit, increasing theft and tampering risk.



Solution

Electronic Lock (e-Lock) integration triggers instant alerts for unauthorised lock or unlock events, along with location and time details.



04 Fuel consumption during transit

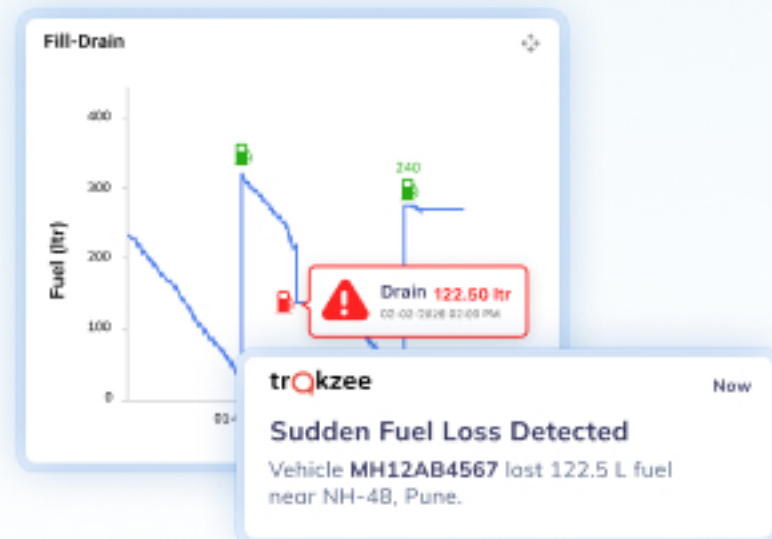
Problem

Fuel theft, excessive idling remain unnoticed during transit.



Solution

Instant alerts on sudden drops and unusual consumption patterns along with reports and charts.



05 Tyre stress on long routes

Problem

Low tyre pressure leads to faster wear, poor mileage, and sudden breakdowns.



Solution

Real-time tyre pressure monitoring alerts operators before tyre damage occurs.



06 Managing transit time & delivery schedules

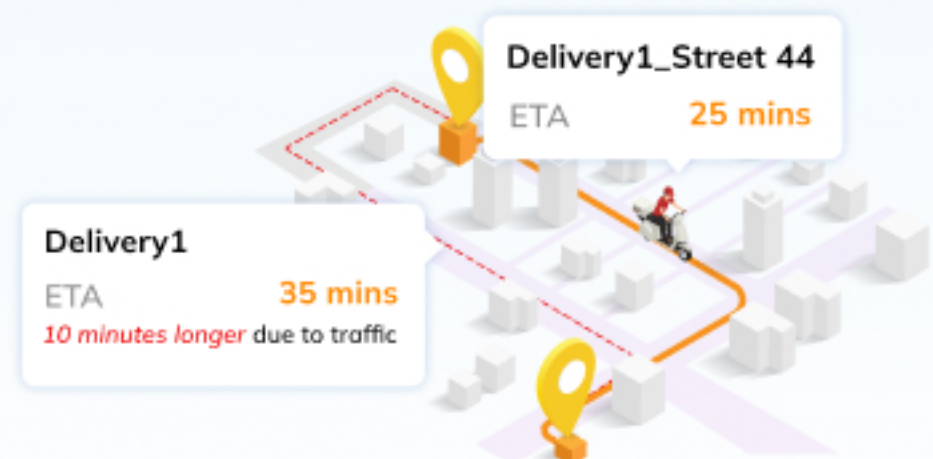
Problem

No accurate ETA leads to delayed deliveries and poor planning.



Solution

Dynamic ETA calculation updates delivery time continuously based on live movement.



07 Driver behavior on highways

Problem

Overspeeding, fatigue, and unsafe driving increase accident risk.



Solution

Driver behaviour and speed monitoring promote safer long-distance driving.



08 Handling breakdowns & emergencies

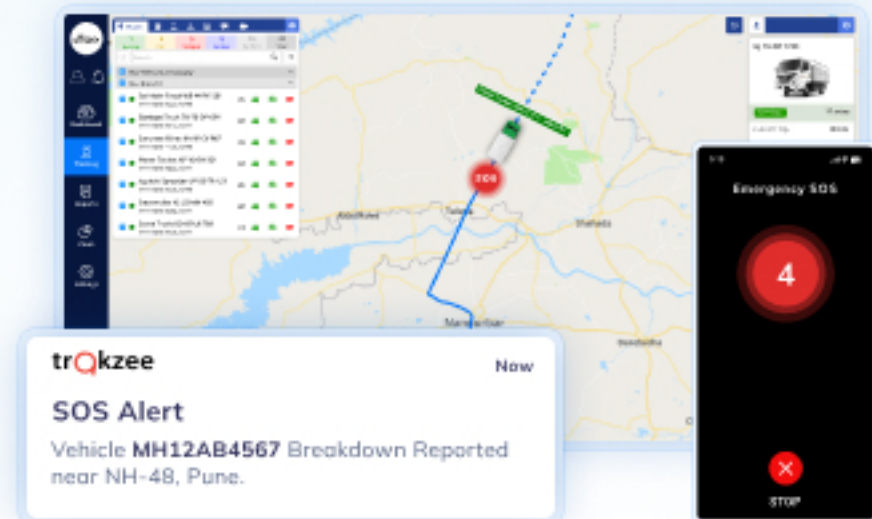
Problem

If breakdowns happen in remote locations, drivers struggle to explain their exact location, causing delays.



Solution

SOS alerts send the truck's live location instantly to control teams for quick assistance.



09 Trip completion & performance review

Problem

No data to review trip performance or identify improvement areas.



Solution

Trip history and performance reports provide complete visibility into distance, delays, stops, and fuel usage.

Job Name	Job ID	Origin	Destination	Distance (km)	Booked Date	Total Date	Completion Status	Completion Date	Fuel	Total Laps	Stop Count	Incidents	Total Expense	Regeneration
Job 1	12345	Los Angeles	San Francisco	4000	2023-01-01	2023-01-05	Completed	2023-01-05	1000L	10	0	0	\$5000	100%
Job 2	12346	Los Angeles	San Francisco	4000	2023-01-02	2023-01-06	Completed	2023-01-06	1000L	10	0	0	\$5000	100%
Job 3	12347	Los Angeles	San Francisco	4000	2023-01-03	2023-01-07	Completed	2023-01-07	1000L	10	0	0	\$5000	100%
Job 4	12348	Los Angeles	San Francisco	4000	2023-01-04	2023-01-08	Completed	2023-01-08	1000L	10	0	0	\$5000	100%
Job 5	12349	Los Angeles	San Francisco	4000	2023-01-05	2023-01-09	Completed	2023-01-09	1000L	10	0	0	\$5000	100%

Result

Long-haul trucking operations become predictable, transparent, and controlled.

18%

Reduction in tyre failure incidents

29%

Improvement in route planning

37%

Faster issue resolution with live dashboards and alerts

02

USE CASE

Smarter visibility for last-mile delivery operations

Last-mile delivery is where pressure is the highest. Drivers are rushing, customers are waiting, traffic is unpredictable, and one small delay quickly turns into missed deliveries and angry calls. Most last-mile problems don't come from planning, they happen on the road, when teams lose visibility and react too late.



01 High-density delivery routes

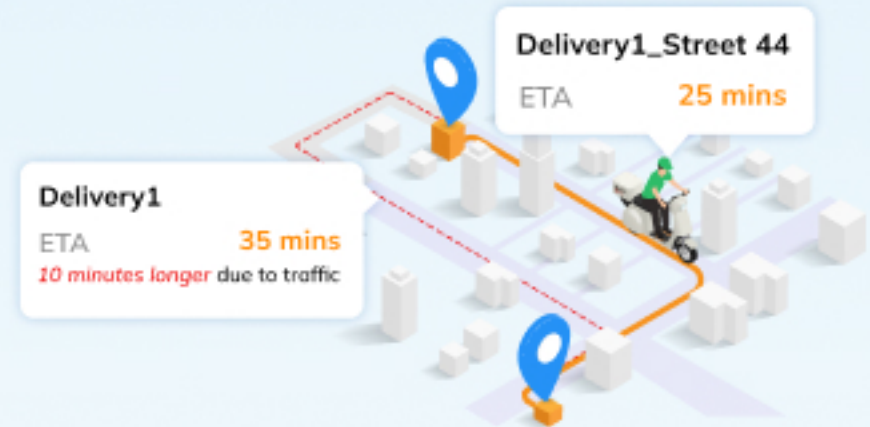
Problem

Drivers take different route due to traffic, causing delays and inefficient deliveries.



Solution

The system plans the most efficient delivery route in advance and notifies the team if a driver moves away from that route.



02 No real-time visibility during deliveries

Problem

Operations teams lack a clear view of delivery progress.



Solution

Live vehicle tracking with continuously updated ETA.



03 Missed or failed deliveries

Problem

Teams don't know where the driver stopped or why the delivery could not be completed.



Solution

Trip tracking shows each stop clearly and records delivery status for every attempt.

Stop #	Stop Name	Address	Status	Time	Duration	Distance	Notes
1	123 Main St	123 Main St, City	Delivered	10:00 AM	15 min	2.5 km	
2	456 Elm St	456 Elm St, City	Delivered	10:15 AM	10 min	1.8 km	
3	789 Oak St	789 Oak St, City	Delivered	10:30 AM	12 min	2.1 km	
4	101 Pine St	101 Pine St, City	Delivered	10:45 AM	18 min	3.0 km	
5	202 Birch St	202 Birch St, City	Delivered	11:00 AM	14 min	2.3 km	
6	303 Cedar St	303 Cedar St, City	Delivered	11:15 AM	16 min	2.6 km	
7	404 Maple St	404 Maple St, City	Delivered	11:30 AM	13 min	2.0 km	
8	505 Spruce St	505 Spruce St, City	Delivered	11:45 AM	17 min	2.8 km	
9	606 Willow St	606 Willow St, City	Delivered	12:00 PM	11 min	1.9 km	
10	707 Ash St	707 Ash St, City	Delivered	12:15 PM	14 min	2.2 km	
11	808 Hickory St	808 Hickory St, City	Delivered	12:30 PM	16 min	2.5 km	
12	909 Walnut St	909 Walnut St, City	Delivered	12:45 PM	13 min	2.0 km	
13	1010 Chestnut St	1010 Chestnut St, City	Delivered	1:00 PM	15 min	2.3 km	
14	1111 Sycamore St	1111 Sycamore St, City	Delivered	1:15 PM	12 min	1.8 km	
15	1212 Dogwood St	1212 Dogwood St, City	Delivered	1:30 PM	14 min	2.1 km	
16	1313 Redwood St	1313 Redwood St, City	Delivered	1:45 PM	16 min	2.4 km	
17	1414 Cypress St	1414 Cypress St, City	Delivered	2:00 PM	13 min	1.9 km	
18	1515 Juniper St	1515 Juniper St, City	Delivered	2:15 PM	15 min	2.2 km	
19	1616 Fir St	1616 Fir St, City	Delivered	2:30 PM	12 min	1.8 km	
20	1717 Pine St	1717 Pine St, City	Delivered	2:45 PM	14 min	2.1 km	
21	1818 Spruce St	1818 Spruce St, City	Delivered	3:00 PM	16 min	2.4 km	
22	1919 Willow St	1919 Willow St, City	Delivered	3:15 PM	13 min	1.9 km	
23	2020 Ash St	2020 Ash St, City	Delivered	3:30 PM	15 min	2.2 km	
24	2121 Hickory St	2121 Hickory St, City	Delivered	3:45 PM	12 min	1.8 km	
25	2222 Walnut St	2222 Walnut St, City	Delivered	4:00 PM	14 min	2.1 km	
26	2323 Chestnut St	2323 Chestnut St, City	Delivered	4:15 PM	16 min	2.4 km	
27	2424 Sycamore St	2424 Sycamore St, City	Delivered	4:30 PM	13 min	1.9 km	
28	2525 Dogwood St	2525 Dogwood St, City	Delivered	4:45 PM	15 min	2.2 km	
29	2626 Redwood St	2626 Redwood St, City	Delivered	5:00 PM	12 min	1.8 km	
30	2727 Cypress St	2727 Cypress St, City	Delivered	5:15 PM	14 min	2.1 km	
31	2828 Juniper St	2828 Juniper St, City	Delivered	5:30 PM	16 min	2.4 km	
32	2929 Fir St	2929 Fir St, City	Delivered	5:45 PM	13 min	1.9 km	
33	3030 Pine St	3030 Pine St, City	Delivered	6:00 PM	15 min	2.2 km	
34	3131 Spruce St	3131 Spruce St, City	Delivered	6:15 PM	12 min	1.8 km	
35	3232 Willow St	3232 Willow St, City	Delivered	6:30 PM	14 min	2.1 km	
36	3333 Ash St	3333 Ash St, City	Delivered	6:45 PM	16 min	2.4 km	
37	3434 Hickory St	3434 Hickory St, City	Delivered	7:00 PM	13 min	1.9 km	
38	3535 Walnut St	3535 Walnut St, City	Delivered	7:15 PM	15 min	2.2 km	
39	3636 Chestnut St	3636 Chestnut St, City	Delivered	7:30 PM	12 min	1.8 km	
40	3737 Sycamore St	3737 Sycamore St, City	Delivered	7:45 PM	14 min	2.1 km	
41	3838 Dogwood St	3838 Dogwood St, City	Delivered	8:00 PM	16 min	2.4 km	
42	3939 Redwood St	3939 Redwood St, City	Delivered	8:15 PM	13 min	1.9 km	
43	4040 Cypress St	4040 Cypress St, City	Delivered	8:30 PM	15 min	2.2 km	
44	4141 Juniper St	4141 Juniper St, City	Delivered	8:45 PM	12 min	1.8 km	
45	4242 Fir St	4242 Fir St, City	Delivered	9:00 PM	14 min	2.1 km	
46	4343 Pine St	4343 Pine St, City	Delivered	9:15 PM	16 min	2.4 km	
47	4444 Spruce St	4444 Spruce St, City	Delivered	9:30 PM	13 min	1.9 km	
48	4545 Willow St	4545 Willow St, City	Delivered	9:45 PM	15 min	2.2 km	
49	4646 Ash St	4646 Ash St, City	Delivered	10:00 PM	12 min	1.8 km	
50	4747 Hickory St	4747 Hickory St, City	Delivered	10:15 PM	14 min	2.1 km	
51	4848 Walnut St	4848 Walnut St, City	Delivered	10:30 PM	16 min	2.4 km	
52	4949 Chestnut St	4949 Chestnut St, City	Delivered	10:45 PM	13 min	1.9 km	
53	5050 Sycamore St	5050 Sycamore St, City	Delivered	11:00 PM	15 min	2.2 km	
54	5151 Dogwood St	5151 Dogwood St, City	Delivered	11:15 PM	12 min	1.8 km	
55	5252 Redwood St	5252 Redwood St, City	Delivered	11:30 PM	14 min	2.1 km	
56	5353 Cypress St	5353 Cypress St, City	Delivered	11:45 PM	16 min	2.4 km	
57	5454 Juniper St	5454 Juniper St, City	Delivered	12:00 AM	13 min	1.9 km	
58	5555 Fir St	5555 Fir St, City	Delivered	12:15 AM	15 min	2.2 km	
59	5656 Pine St	5656 Pine St, City	Delivered	12:30 AM	12 min	1.8 km	
60	5757 Spruce St	5757 Spruce St, City	Delivered	12:45 AM	14 min	2.1 km	
61	5858 Willow St	5858 Willow St, City	Delivered	1:00 AM	16 min	2.4 km	
62	5959 Ash St	5959 Ash St, City	Delivered	1:15 AM	13 min	1.9 km	
63	6060 Hickory St	6060 Hickory St, City	Delivered	1:30 AM	15 min	2.2 km	
64	6161 Walnut St	6161 Walnut St, City	Delivered	1:45 AM	12 min	1.8 km	
65	6262 Chestnut St	6262 Chestnut St, City	Delivered	2:00 AM	14 min	2.1 km	
66	6363 Sycamore St	6363 Sycamore St, City	Delivered	2:15 AM	16 min	2.4 km	
67	6464 Dogwood St	6464 Dogwood St, City	Delivered	2:30 AM	13 min	1.9 km	
68	6565 Redwood St	6565 Redwood St, City	Delivered	2:45 AM	15 min	2.2 km	
69	6666 Cypress St	6666 Cypress St, City	Delivered	3:00 AM	12 min	1.8 km	
70	6767 Juniper St	6767 Juniper St, City	Delivered	3:15 AM	14 min	2.1 km	
71	6868 Fir St	6868 Fir St, City	Delivered	3:30 AM	16 min	2.4 km	
72	6969 Pine St	6969 Pine St, City	Delivered	3:45 AM	13 min	1.9 km	
73	7070 Spruce St	7070 Spruce St, City	Delivered	4:00 AM	15 min	2.2 km	
74	7171 Willow St	7171 Willow St, City	Delivered	4:15 AM	12 min	1.8 km	
75	7272 Ash St	7272 Ash St, City	Delivered	4:30 AM	14 min	2.1 km	
76	7373 Hickory St	7373 Hickory St, City	Delivered	4:45 AM	16 min	2.4 km	
77	7474 Walnut St	7474 Walnut St, City	Delivered	5:00 AM	13 min	1.9 km	
78	7575 Chestnut St	7575 Chestnut St, City	Delivered	5:15 AM	15 min	2.2 km	
79	7676 Sycamore St	7676 Sycamore St, City	Delivered	5:30 AM	12 min	1.8 km	
80	7777 Dogwood St	7777 Dogwood St, City	Delivered	5:45 AM	14 min	2.1 km	
81	7878 Redwood St	7878 Redwood St, City	Delivered	6:00 AM	16 min	2.4 km	
82	7979 Cypress St	7979 Cypress St, City	Delivered	6:15 AM	13 min	1.9 km	
83	8080 Juniper St	8080 Juniper St, City	Delivered	6:30 AM	15 min	2.2 km	
84	8181 Fir St	8181 Fir St, City	Delivered	6:45 AM	12 min	1.8 km	
85	8282 Pine St	8282 Pine St, City	Delivered	7:00 AM	14 min	2.1 km	
86	8383 Spruce St	8383 Spruce St, City	Delivered	7:15 AM	16 min	2.4 km	
87	8484 Willow St	8484 Willow St, City	Delivered	7:30 AM	13 min	1.9 km	
88	8585 Ash St	8585 Ash St, City	Delivered	7:45 AM	15 min	2.2 km	
89	8686 Hickory St	8686 Hickory St, City	Delivered	8:00 AM	12 min	1.8 km	
90	8787 Walnut St	8787 Walnut St, City	Delivered	8:15 AM	14 min	2.1 km	
91	8888 Chestnut St	8888 Chestnut St, City	Delivered	8:30 AM	16 min	2.4 km	
92	8989 Sycamore St	8989 Sycamore St, City	Delivered	8:45 AM	13 min	1.9 km	
93	9090 Dogwood St	9090 Dogwood St, City	Delivered	9:00 AM	15 min	2.2 km	
94	9191 Redwood St	9191 Redwood St, City	Delivered	9:15 AM	12 min	1.8 km	
95	9292 Cypress St	9292 Cypress St, City	Delivered	9:30 AM	14 min	2.1 km	
96	9393 Juniper St	9393 Juniper St, City	Delivered	9:45 AM	16 min	2.4 km	
97	9494 Fir St	9494 Fir St, City	Delivered	10:00 AM	13 min	1.9 km	
98	9595 Pine St	9595 Pine St, City	Delivered	10:15 AM	15 min	2.2 km	
99	9696 Spruce St	9696 Spruce St, City	Delivered	10:30 AM	12 min	1.8 km	
100	9797 Willow St	9797 Willow St, City	Delivered	10:45 AM	14 min	2.1 km	

04 Proof of delivery

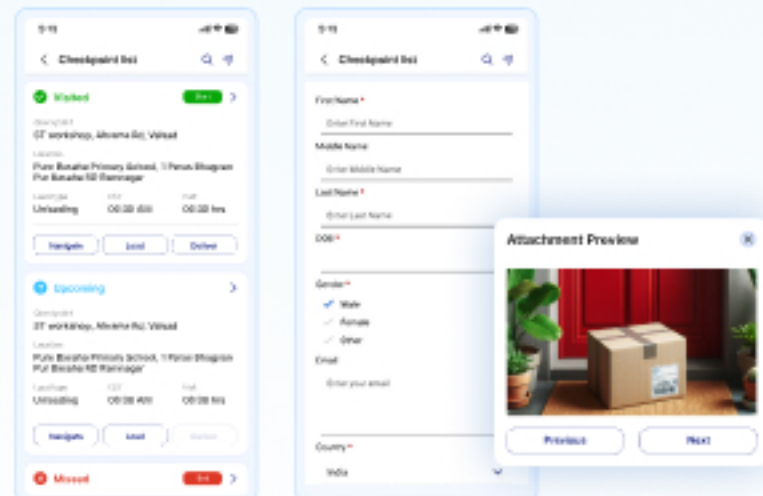
Problem

No clarity whether the delivery actually happened or not.



Solution

Proof of delivery through photos, timestamps, and location data.



05 Vehicle health & maintenance control

Problem

Vehicle issues go unnoticed until a breakdown happens, leading to unplanned servicing and higher maintenance costs.



Solution

Vehicle health monitoring with usage-based maintenance alerts helps identify issues early and plan servicing in advance.



06 Driver behavior in urban areas

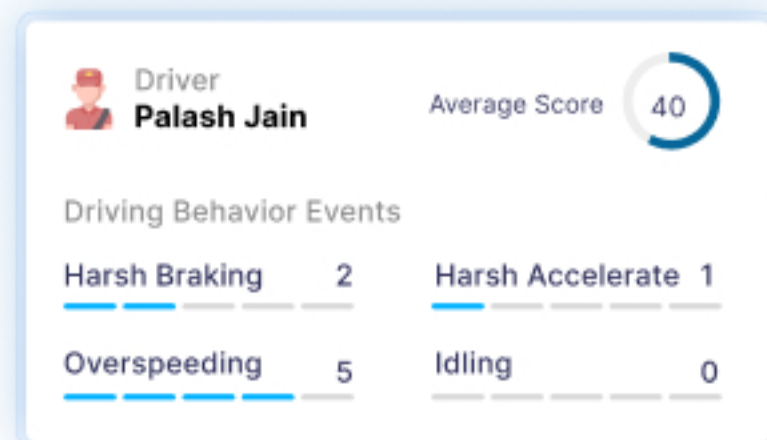
Problem

Rash driving, unnecessary idling, and unsafe behavior.



Solution

Speed, idling, and driving behavior monitoring.



09 Lack of driver-level accountability

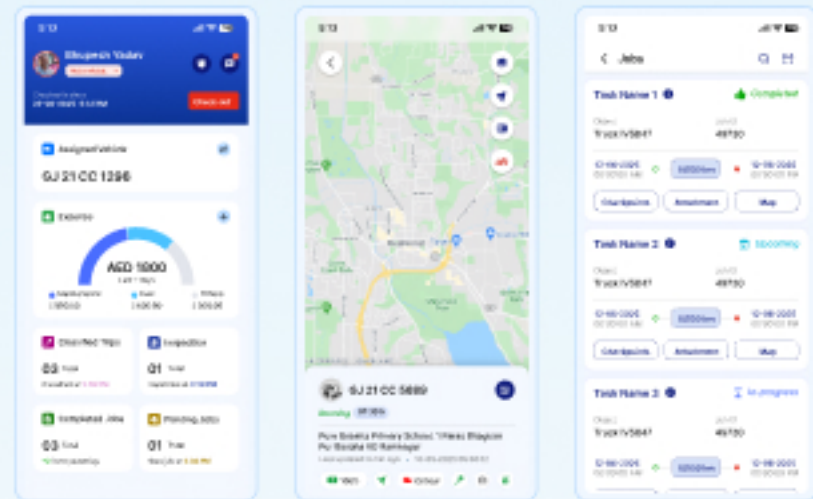
Problem

Delivery instructions, routes, and delivery updates are shared informally, leading to confusion.



Solution

Driver application that provides assigned trips and routes, delivery instructions, driver documents etc



Result

Last-mile delivery gains complete visibility, tighter control, and consistent on-time performance.

35%

Improvement in on-time last-mile deliveries

30%

Increase in first-attempt delivery success

25%

Reduction in overall delivery expenses fuel, overtime, reattempts

03

USE CASE

Reducing operational risk in heavy goods transport

Heavy goods transport deals with high loads, high risk, and high responsibility. A single overloaded trip, delayed movement, or vehicle failure can result in penalties, damage, or serious safety issues. What heavy transport operators need is not just tracking they need real-time load visibility, early warnings, and clear reports to stay in control before problems occur.



01 Overloading & load stress

Problem

Operators only discover overloading issues after fines, tyre damage, or breakdowns.



Solution

Live load monitoring with instant alerts when load limits are crossed.



trQkzee

Now

Load Limit Crossed

Vehicle MH12AB4567 is carrying weight above the approved limit. Risk of damage and fines.

02 Load visibility & compliance reporting

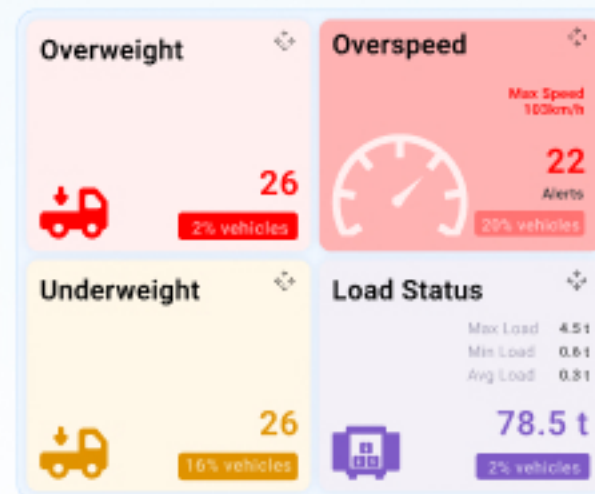
Problem

No structured data to show load history during trips.



Solution

Load reports showing load levels, alerts triggered, and duration of overload.



03 Live tracking screen for complete trip control

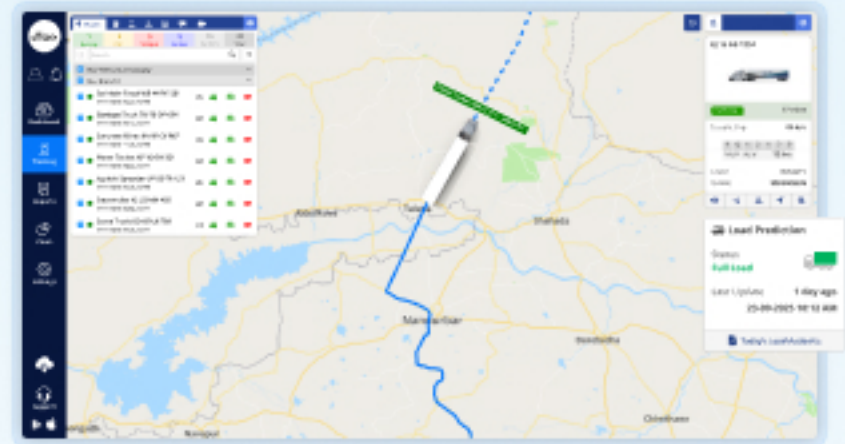
Problem

Operators rely on calls to understand where the vehicle is and what's happening.



Solution

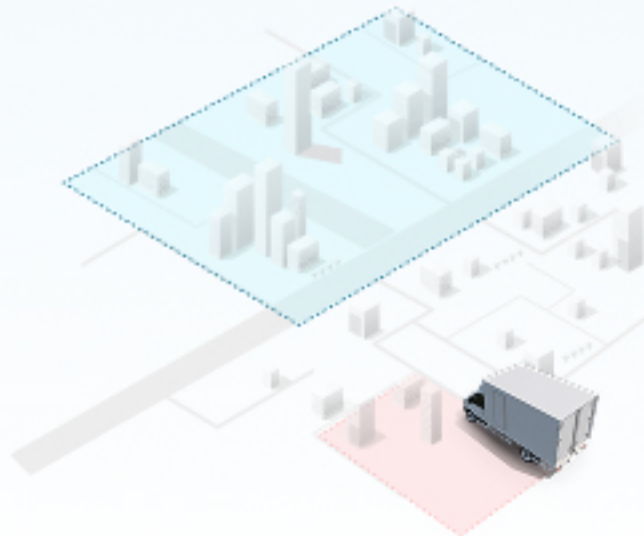
A live tracking screen that shows vehicle location, current speed, load status.



04 Restricted routes & road suitability

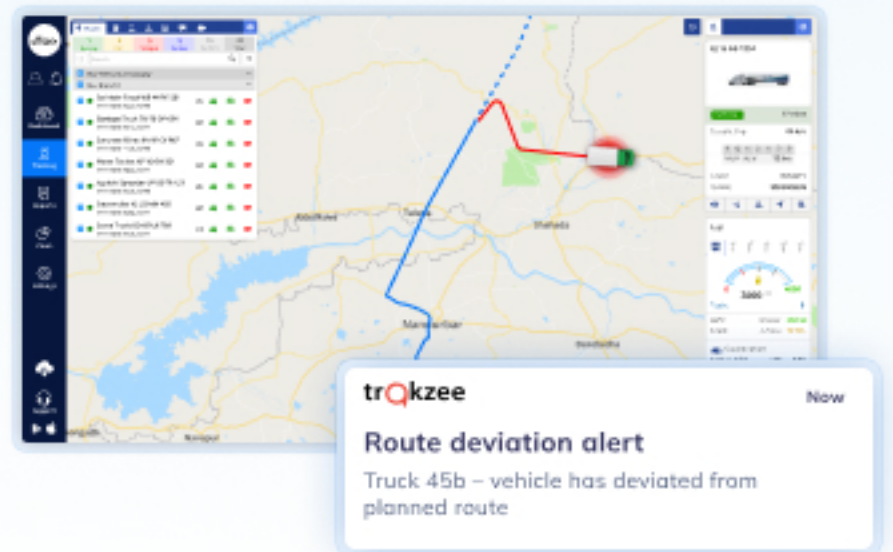
Problem

Drivers enter restricted or unsafe routes unknowingly.



Solution

Route monitoring with deviation alerts visible directly on the live tracking screen.



05 Delay detection in high-value trips

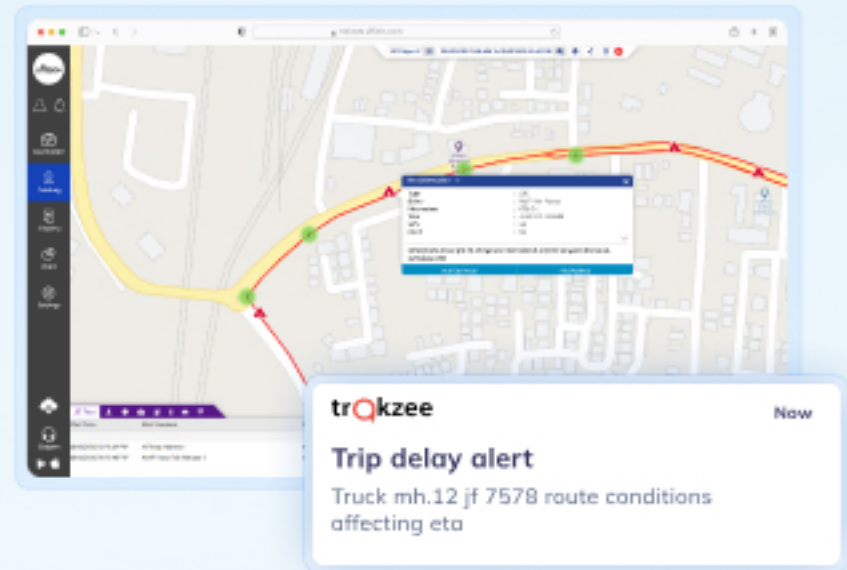
Problem

Delays are noticed only after delivery commitments are affected.



Solution

Delay alerts and dynamic ETA updates shown on the tracking dashboard.



06 Tyre stress under heavy load

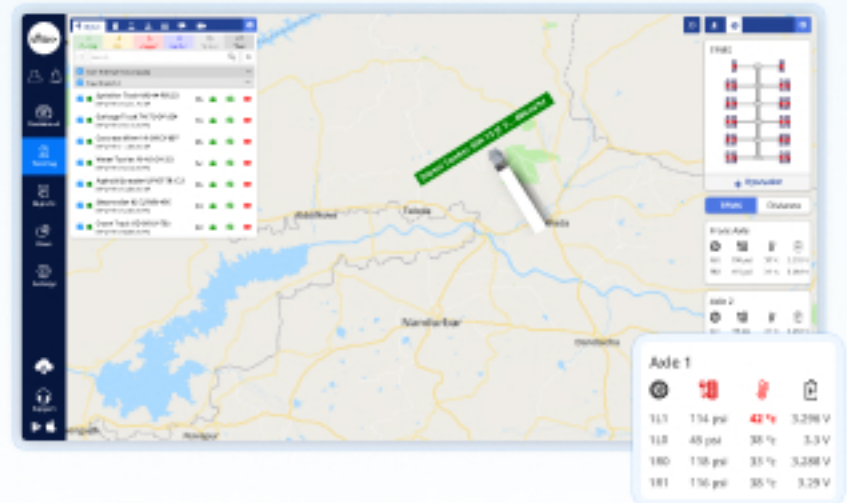
Problem

Tyre failures occur without warning.



Solution

Tyre pressure monitoring with alerts for abnormal pressure and temperature.



07 Vehicle health under load

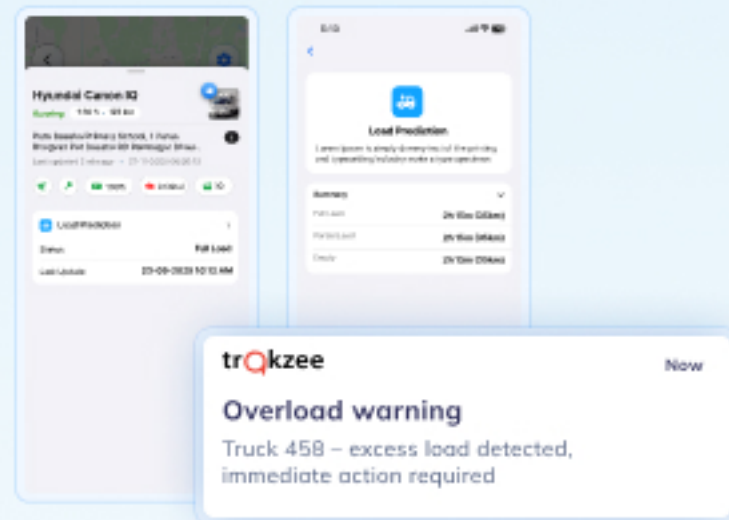
Problem

Unexpected breakdowns during trips.



Solution

Load monitoring alerts detect overloading in real time this prevent breakdowns and reduce wear.



08 Unsafe driving of heavy vehicles

Problem

Overspeeding or harsh driving increases accident risk and vehicle damage.



Solution

Driver behaviour monitoring with real-time alerts and performance reports.



09 Emergency handling for heavy vehicle

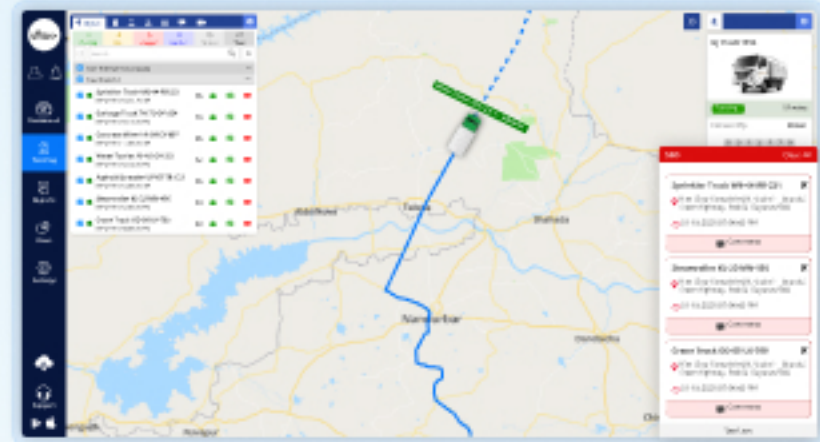
Problem

Delayed escalation during breakdowns or accidents.



Solution

SOS alerts with exact location and trip context.



Result

Heavy goods transport gains real-time visibility with end-to-end accountability.

27%

Reduction in overloading incidents through real-time load alerts

31%

Faster response to breakdowns and on-road emergencies

88%

Trip level load and compliance visibility through automated reports

04

USE CASE

Securing container and freight movement with real-time control

Container and freight movement involves handling sealed, high-value cargo across ports, yards, highways, ICDs, and customer locations. Operations are time-sensitive, security-critical, and often involve multiple vehicles moving together under strict instructions. Basic tracking is not enough here. Operators need secure movement, task-level control, real-time visibility, and proof of events — all from a single system.



01 Container movement operations

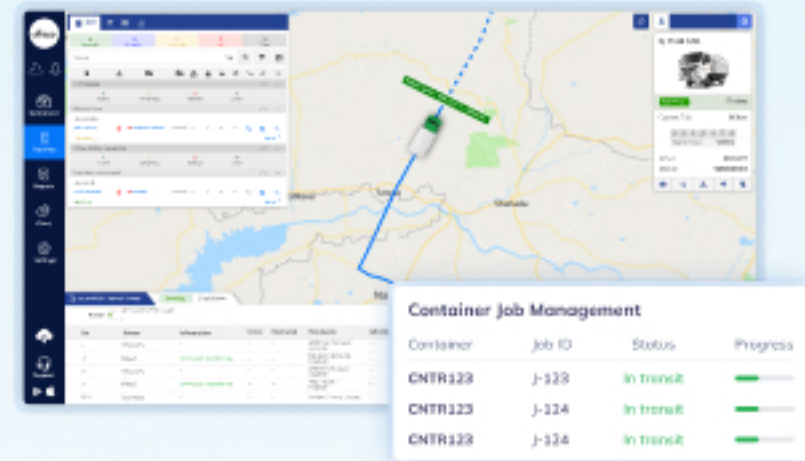
Problem

Container movements are handled informally, with no clear job status or accountability.



Solution

Job management to create, assign, and track each container movement with clear status updates.



02 Unauthorized container opening & cargo theft

Problem

No real-time alert if a container is opened during transit.



Solution

Electronic Lock (e-Lock) integration with instant alerts for unauthorized open or tamper events.



05 Convoy tracking for high-value cargo

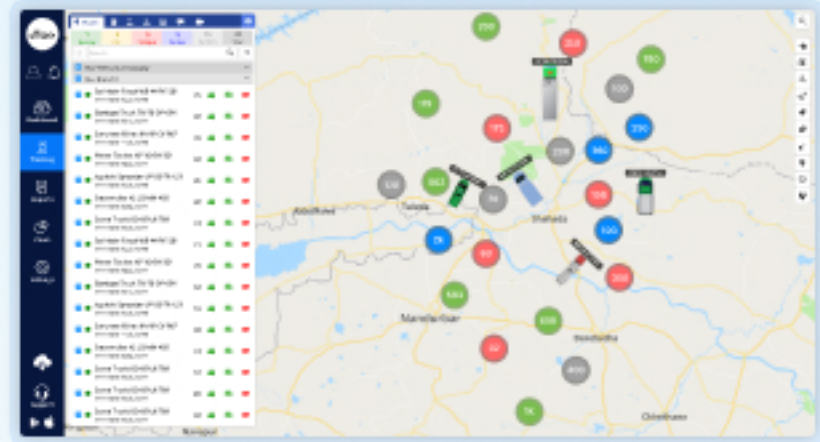
Problem

Loss of coordination between convoy vehicles during transit.



Solution

Convoy tracking to monitor all vehicles together on a single live view.



06 Event-based video & playback history

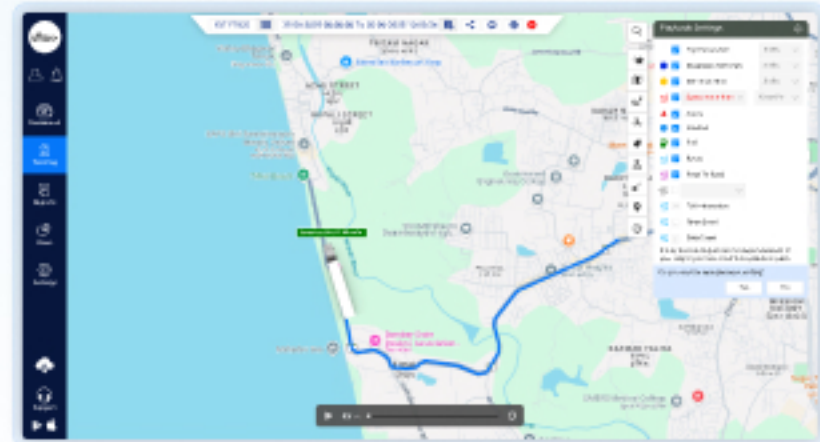
Problem

No evidence during theft attempts, accidents, or disputes.



Solution

Event-triggered video recording and playback history linked to alerts.



07 Unified job, trip & security reports

Problem

Data is scattered across systems and logs.



Solution

Consolidated reports combining: Job status, Vehicle and trailer movement, e-Lock events, Video alerts and playback, Delays and route deviations



Job ID	Job Name	Vehicle	Trailer	Status	Start Time	End Time	Duration	Distance	Speed	Delays	Route Deviations	Alerts	Video	Locks	Events
1000001	Job 1	Vehicle 1	Trailer 1	Active	2024-01-01 10:00	2024-01-01 12:00	2:00	100 km	80 km/h	5 min	2 km	1	1	0	0
1000002	Job 2	Vehicle 2	Trailer 2	Completed	2024-01-01 14:00	2024-01-01 16:00	2:00	150 km	75 km/h	10 min	5 km	0	0	0	0
1000003	Job 3	Vehicle 3	Trailer 3	Delayed	2024-01-01 18:00	2024-01-01 20:00	2:00	120 km	60 km/h	30 min	10 km	2	1	1	1

08 Emergency & incident escalation

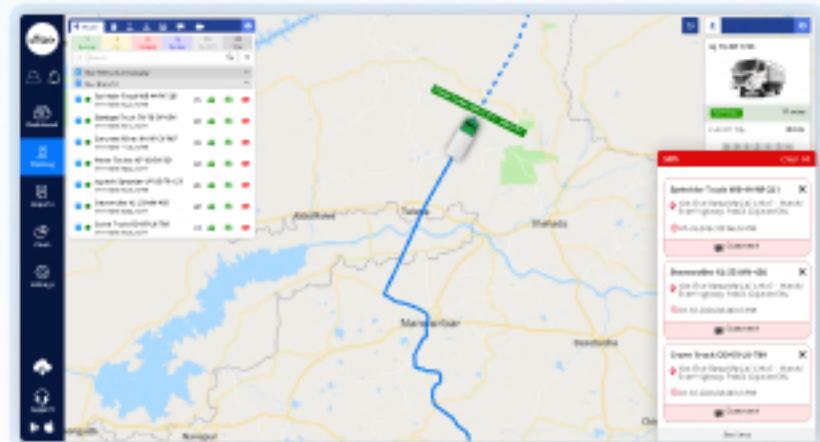
Problem

Delayed escalation during breakdowns or security events.



Solution

SOS alerts with live location, job context, and video access.



09 Location-based container control

Problem

No proof of when a container arrived, waited, or was handled.



Solution

Geofencing records entry, exit, and time at approved locations.

Company	Status	Date	Time	Trip Start/End	Stop Locations	Start Time	End Time	Distance	Duration	ETA	Actual	Delta	ETA	Actual	Delta
...

Result

Freight and container movement runs in sync across routes, hubs, and timelines.



Reduction in unauthorized container opening and security incidents using e-lock alerts



Reduction in container turnaround time at ports, yards, and customer locations



Improvement in on-time container pickups and deliveries through job-based tracking

05

USE CASE

Reducing spoilage and risk in cold chain transport

Cold chain operations involve transporting temperature-sensitive goods such as food, dairy, pharmaceuticals, and vaccines. Even a small temperature variation during transit can lead to spoilage, rejection, compliance failure, or financial loss.

Cold chain operators don't just need to move goods — they need continuous temperature control, instant alerts, and clear proof that conditions were maintained throughout the journey.



01 Temperature changes during transit

Problem

Temperature rises or drops go unnoticed until delivery, causing spoilage or rejection.



Solution

Real-time temperature monitoring with instant alerts when thresholds are crossed.



02 Delayed response to cooling failure

Problem

Operators are informed too late about reefer malfunction or power issues.



Solution

Live sensor alerts integrated with the tracking dashboard.



03 Lack of visibility during transit

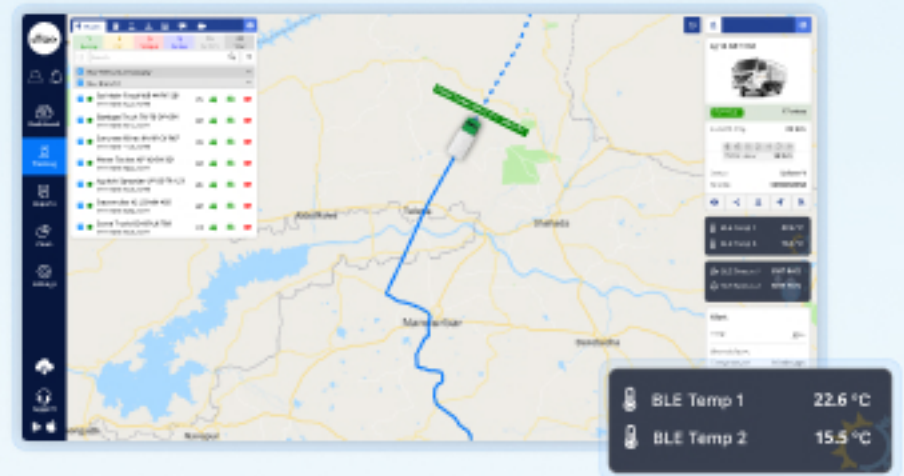
Problem

When a delay or temperature alert occurs, teams don't know the vehicle's exact location to act quickly.



Solution

Live tracking shows the vehicle's real-time location with temperature status for immediate action.



04 No proof of temperature compliance

Problem

No reliable temperature records to prove cold chain integrity.



Solution

Automated temperature reports showing time-stamped readings across the trip.

Event	Location	Time	Temperature	Alert	Unit	Status	Resolution	Alert	Unit	Status	Resolution	Alert	Unit	Status	Resolution
12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM	12/15/2024 10:00 AM
12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM	12/15/2024 10:05 AM
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05 Unauthorized door opening

Problem

No alert when doors are opened during transit.



Solution

Door sensor alerts integrated with trip and temperature data.



06 Incident investigation & verification


Problem

There is no clear record showing when and where temperature limits were crossed during transit.



Solution

A temperature summary report shows the full temperature history of the trip, including any deviations with time and location.



Vehicle	Driver	Start Time	End Time	Start Location	End Location	Temp. Range	Alerts	Status
MH12AB4567	John Doe	2023-10-26 08:00	2023-10-26 18:00	Mumbai	Pune	15°C - 25°C	0	Completed
MH12AB4567	John Doe	2023-10-26 18:30	2023-10-27 06:00	Pune	Nashik	10°C - 20°C	1	Completed
MH12AB4567	John Doe	2023-10-27 06:30	2023-10-27 18:00	Nashik	Ahmedabad	5°C - 15°C	2	Completed
MH12AB4567	John Doe	2023-10-27 18:30	2023-10-28 06:00	Ahmedabad	Surat	10°C - 20°C	0	Completed

07 Performance analysis across shipments

Problem

No insight into recurring problem routes, vehicles, or time slots.



Solution

Analytical reports and charts highlighting: Temperature deviation patterns, High-risk routes, Vehicle-wise performance.



08 Emergency & exception handling

Problem

Delayed coordination during critical temperature breaches.



Solution

Real-time alerts with trip context and escalation workflows.

High Temperature : 21°C

Required Temperature : 15 °C to 17 °C
Time of Initial Temperature Drop : 11:23AM
Location : 14, Stevens Street



09 Temperature status of all vehicles

Problem

Teams can't easily track temperature of multiple vehicles at the same time.



Solution

A live temperature dashboard that shows real-time temperature, humidity etc for each vehicle on one screen.



Result

Cold chain operations run with continuous temperature assurance.

33%

Reduction in temperature-related cargo spoilage

27%

Improvement in on-time cold chain deliveries

25%

Decrease in disputes and claims through temperature playback data

Waste Collection Industry



Why you should consider this market

Waste collection is essential to keep cities clean and safe. It involves gathering waste from homes, businesses, and public places and transporting it to recycling centers, treatment plants, or landfills. The Waste Management Market size is estimated at USD 1.52 trillion in 2026, and is expected to reach USD 2.09 trillion by 2031, at a CAGR of 6.58% during the forecast period (2026-2031).



Source: <https://www.mordorintelligence.com/industry-reports/global-waste-management-market>

Key problems you can solve



Missed or partial waste pickups



No proof of collection at each location



Fuel wastage due to poor route planning



Bin overflow complaints without verification



Driver deviations and unauthorized dumping



Limited visibility for contractors and city authorities



No visual evidence during disputes or citizen complaints

What you can offer with Uffizio



Live vehicle tracking



Route planning and optimization



Geofencing for collection points



Proof of service (time, location, activity)



Fuel monitoring and idle control



Video telematics



Alerts, reports, & performance dashboards

Benefits that help you close deals faster

- ✓ Proof of service, not just vehicle movement
- ✓ Reduces manual supervision on the ground
- ✓ Designed for real-world waste operations
- ✓ Scales easily from pilot to city-wide rollout
- ✓ Audit and compliance ready data at any time
- ✓ Works equally well for private contractors and municipalities
- ✓ Visual evidence for complaint resolution reducing false claims and disputes.

Hardware used in this Industry



01

USE CASE

Late-night restaurant waste collection in urban areas

In large cities, restaurants generate high volumes of wet waste late at night. If waste is not collected on time, it leads to hygiene issues, foul odor, pest problems, and citizen complaints by morning. This use case shows how software ensures timely, hygienic, and verifiable restaurant waste collection during night hours — when supervision is minimal but impact is high.



01 Time management

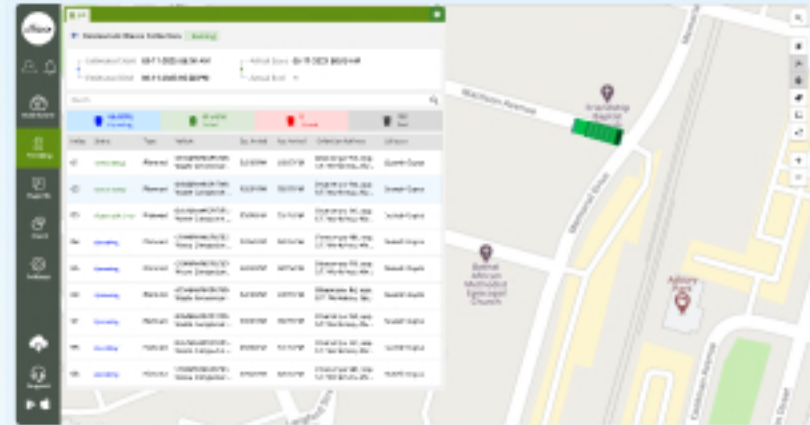
Problem

With restaurants closing at different times, efficient waste collection routes were hard to plan.



Solution

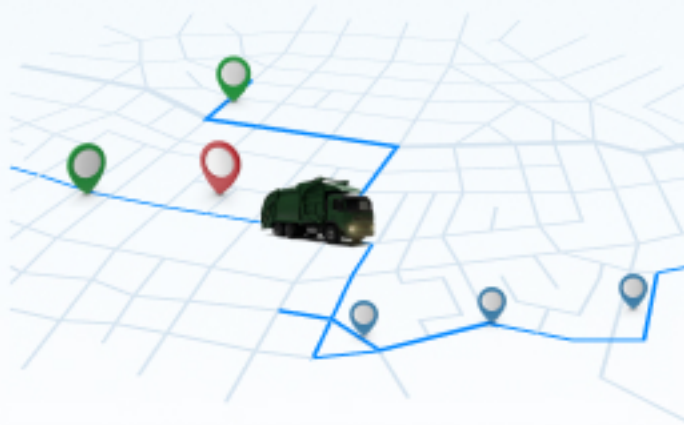
Plan time-based routes to collect waste from all restaurants and cover all places.



02 No visibility during night shifts

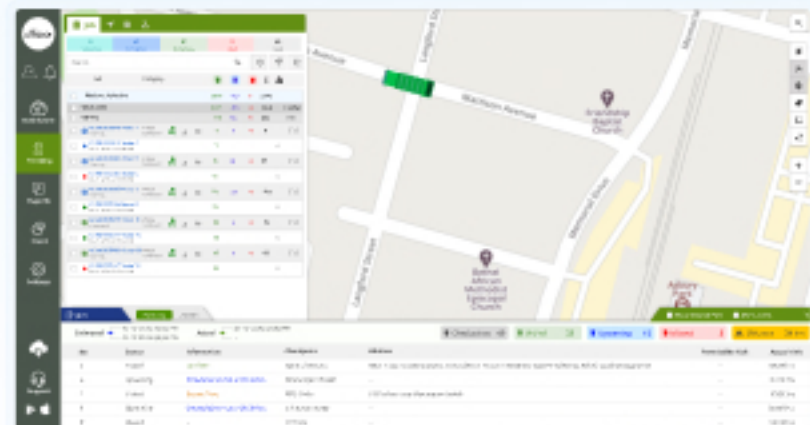
Problem

Managers can't monitor waste collection vehicles at night.



Solution

Live GPS tracking gives real-time visibility even during late hours.



03 Overflowing wet waste & odor issues

Problem

Food waste left overnight creates smell, pests, and health risks.



Solution

Scheduled late-night pickups prevent waste accumulation.



04 No proof of actual waste collection

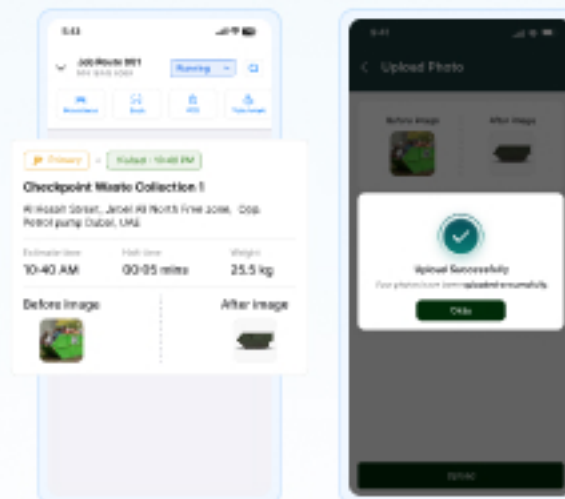
Problem

Contractors claim collection, but restaurants report waste not collected.



Solution

Time and location-based collection before and after images can be uploaded as proof.



05 Complaints without verifiable data

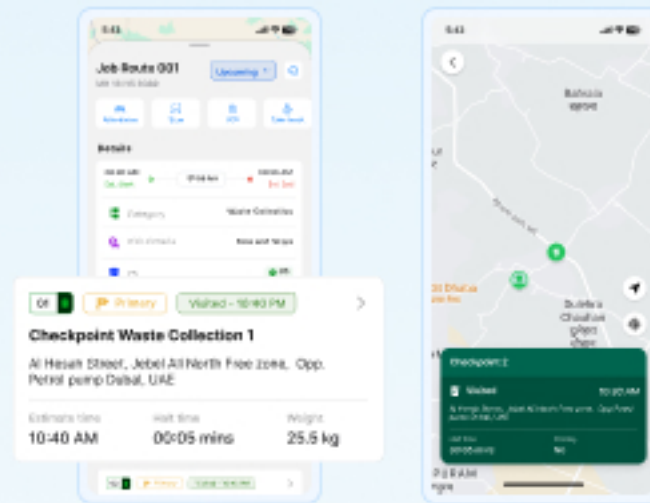
Problem

Authorities struggle to respond to restaurant or citizen complaints.



Solution

Checkpoint visited details along with timestamps, and images provide instant proof.



Result

Better accountability for night-shift operations

65%

Reduction in missed restaurant pickups

50%

Fewer waste-related citizen complaints

60%

Decrease in hygiene-related and odor complaints

02

USE CASE

Daily household waste collection in urban areas

Household waste collection is the most visible public service in any city. When it fails, citizens complain immediately — about missed pickups, dirty streets, and health risks.

This use case shows how SmartWaste helps authorities manage daily household waste collection with better hygiene, accountability, and public satisfaction.



01 No real-time visibility of collection activity

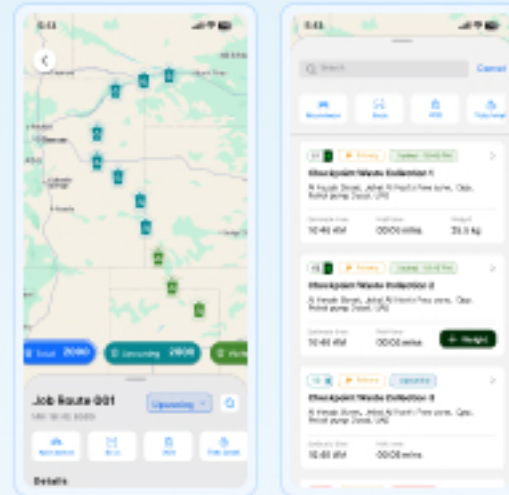
Problem

Supervisors don't know which collection checkpoints have been covered and which are still pending.



Solution

Live tracking shows vehicle movement along with completed and pending collection checkpoints.



02 Missed streets & inner lanes

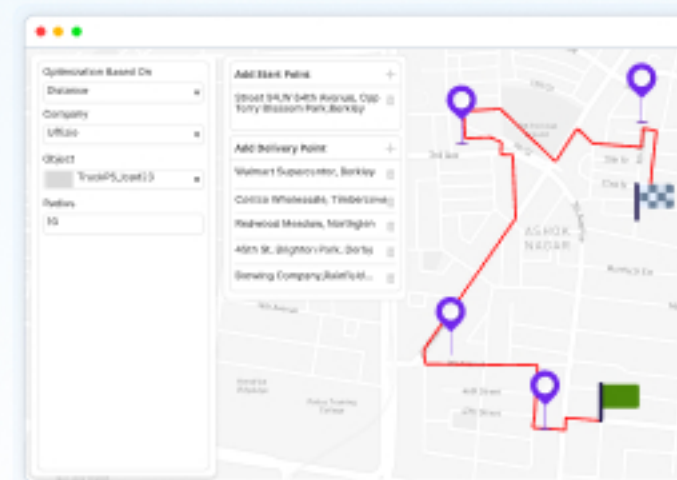
Problem

Narrow lanes and interior streets are often skipped.



Solution

Route mapping and geofencing ensure every assigned lane is covered.



03 Overflowing bins and doorstep waste

Problem

Waste piles up when collection is delayed.



Solution

Scheduled routes and time monitoring improve pickup consistency.



04 Citizen complaints without verification

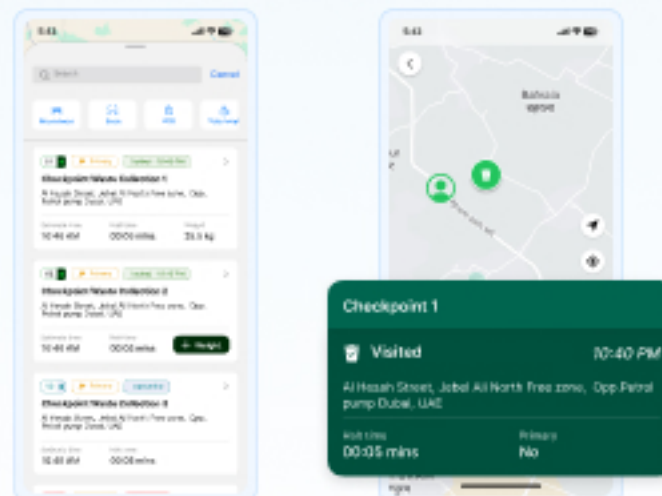
Problem

No way to confirm if waste was collected or not.



Solution

Time and location stamped proof of collection is recorded.



05 Poor waste handling & street littering

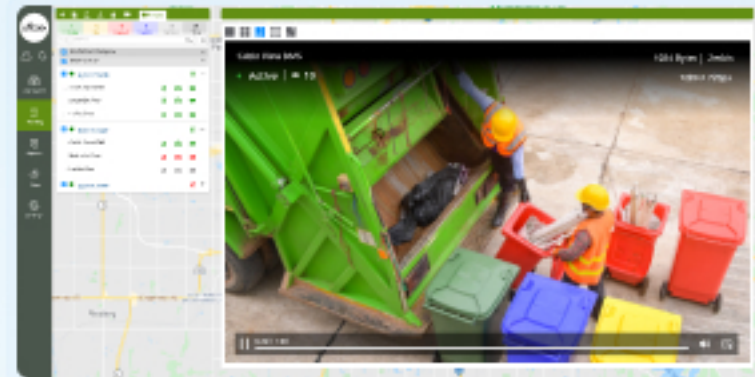
Problem

Spillage during collection dirties roads and attracts pests.



Solution

Rear cameras capture handling practices and road condition.



06 Inconsistent Collection Process

Problem

Collection teams do not always follow the planned collection process during daily operations.



Solution

Trip tracking help supervisors see whether collection vehicles follow the assigned operations.



07 Unauthorized dumping outside assigned areas

Problem

Collection vehicles dump waste at unauthorized locations.



Solution

Alerts are triggered when vehicles stop for long periods outside approved dumping areas.



08 High fuel costs in daily operations

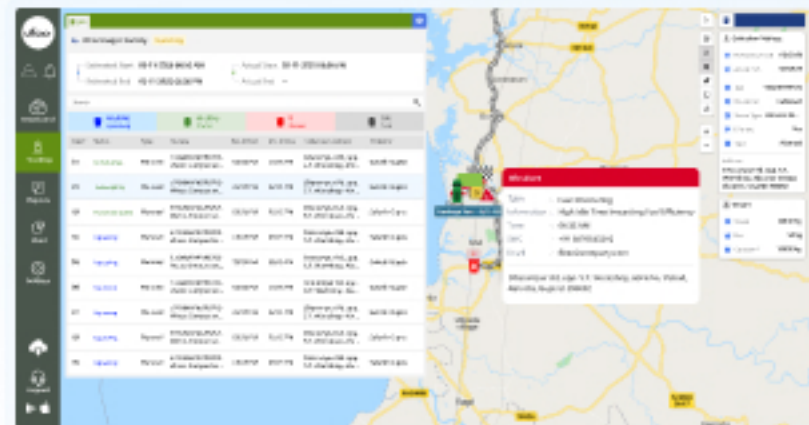
Problem

Fuel expenses rise due to inefficient routes and long idling during daily operations.



Solution

Optimized routes and idle monitoring help reduce fuel usage and control daily fuel costs.



09 No ward-wise performance review

Problem

Authorities cannot clearly see how waste collection is performing in each zone on a daily basis.



Solution

Zone-wise reports show vehicle activity, collection coverage, and delays, helping identify underperforming areas.

The screenshot shows a mobile application interface with a table titled 'Completor Summary (10-01-2024 12:00 PM - 11-01-2024 10:45 PM)'. The table has columns for 'Date', 'Area', 'Ward No.', 'Reporting', 'In Progress', 'Completed', 'Total', 'Appointed/Total', 'Status', 'Planned', 'Actual', 'Status', 'Total', and 'Performance'. The table contains several rows of data, with the first row showing '10-01-2024', 'Area 1', 'Ward 1', 'Reporting', 'In Progress', 'Completed', 'Total', 'Appointed/Total', 'Status', 'Planned', 'Actual', 'Status', 'Total', and 'Performance'.

Result

Cleaner neighbourhoods with fewer overflow complaints

65%

Reduction in missed household pickups

50%

Faster resolution of citizen complaints

45%

Increase in contractor and driver accountability

03

USE CASE

Biomedical waste collection from hospitals & clinics

Hospitals and clinics generate biomedical waste every day — sharps, contaminated materials, and infectious waste.

If this waste is not collected, tracked, and disposed of correctly, it creates serious health risks, regulatory violations, and legal trouble for both hospitals and municipal authorities.

This use case shows how SmartWaste brings control, traceability, and compliance to biomedical waste collection.



01 Hospitals don't know when waste will be collected

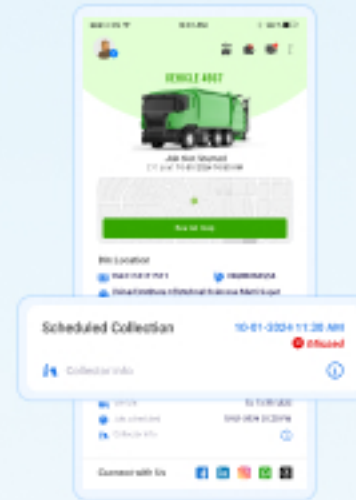
Problem

Hospitals often don't have clarity on exact pickup timing, causing waste to sit longer than allowed.



Solution

Scheduled trips with live tracking give hospitals visibility on pickup status and timing.



02 Waste stored beyond safe time limits

Problem

Delayed collection increases infection risk, odor, and staff exposure.



Solution

Timely route execution and alerts ensure pickups happen within defined time windows.



03 No verified proof that waste was handed over

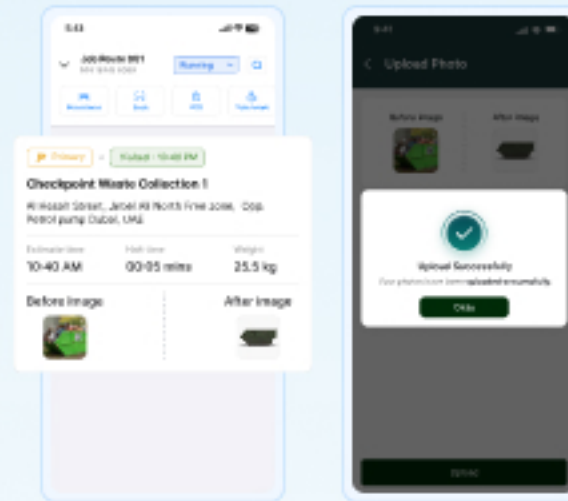
Problem

Hospitals and contractors rely on manual logs that can be disputed during audits.



Solution

Time and location-stamped pickup confirmation creates digital proof of handover.



04 Improper handling during collection

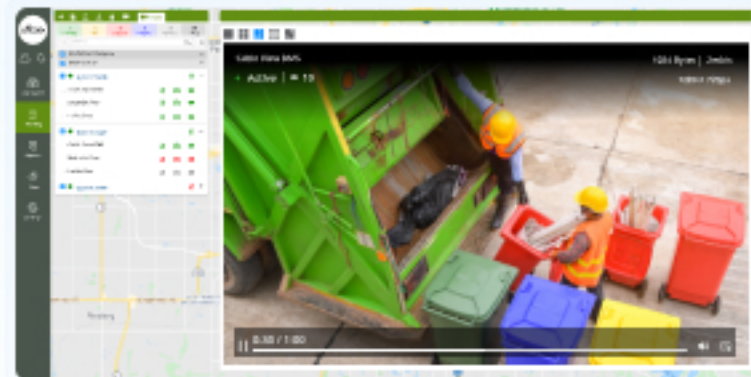
Problem

Incorrect lifting, open bags, or careless handling risks contamination.



Solution

Live camera monitoring allows real-time supervision during collection, reducing unsafe handling.



05 Municipal authorities can't track **daily biomedical jobs**

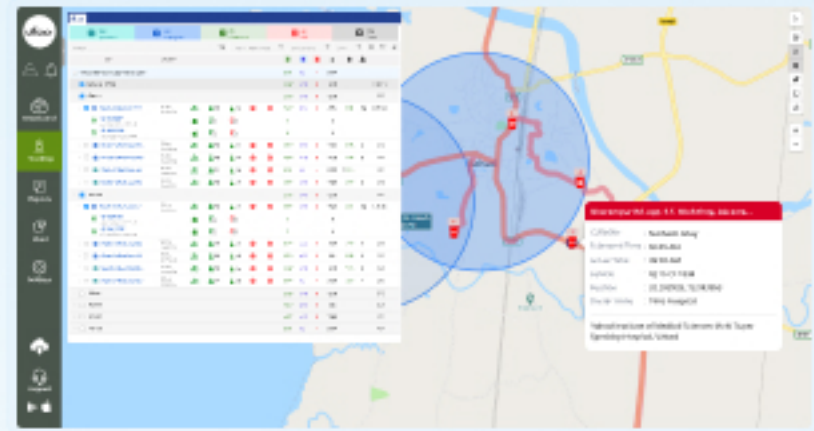
Problem

Authorities lack clarity on which hospitals were serviced and which were missed.



Solution

Smart Waste job tracking shows real-time status of every biomedical pickup job.



06 Risk of **unauthorized disposal**

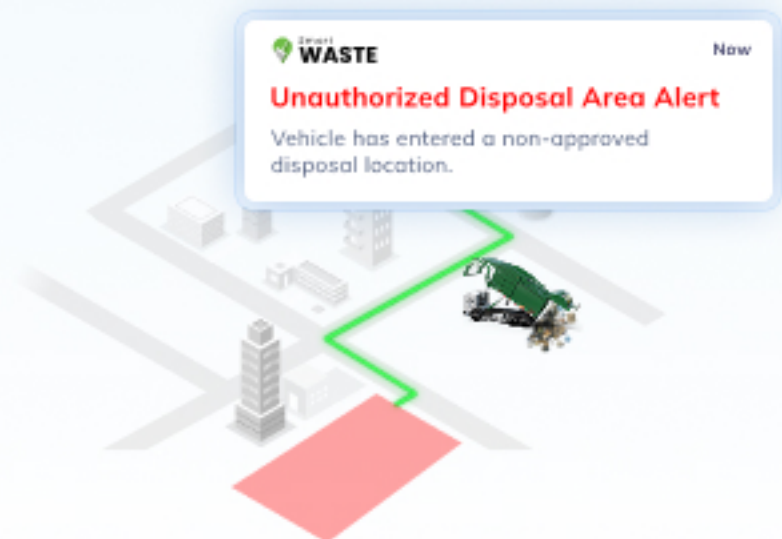
Problem

Biomedical waste may be dumped at unauthorized locations to avoid treatment costs.



Solution

Geofencing and route monitoring alert teams when vehicles move outside approved routes or disposal locations.



07 No confirmation that waste reached the treatment facility

Problem

Authorities can't verify whether waste actually reached the authorized plant.



Solution

UHF reader-based vehicle entry and exit logs confirm arrival at treatment facilities.



08 Audit pressure from pollution control boards

Problem

Manual records make audits stressful and error-prone.



Solution

Automated reports provide ready data for compliance checks and inspections.



Date	Time	Status	Job Name	Job Type	Category	Equipment	Quantity	Volume	Weight	Temperature	Pressure	Humidity	Location
2024-10-10	14:30	Success	Waste Collection	Waste	Waste	Waste	1000	1000	1000	1000	1000	1000	1000
2024-10-10	15:00	Success	Waste Collection	Waste	Waste	Waste	1000	1000	1000	1000	1000	1000	1000
2024-10-10	15:30	Success	Waste Collection	Waste	Waste	Waste	1000	1000	1000	1000	1000	1000	1000
2024-10-10	16:00	Success	Waste Collection	Waste	Waste	Waste	1000	1000	1000	1000	1000	1000	1000
2024-10-10	16:30	Success	Waste Collection	Waste	Waste	Waste	1000	1000	1000	1000	1000	1000	1000
2024-10-10	17:00	Success	Waste Collection	Waste	Waste	Waste	1000	1000	1000	1000	1000	1000	1000

09 Complaints without clear evidence

Problem

When issues arise, there's no data to investigate responsibility.



Solution

GPS logs, job records, and video footage provide clear, defensible evidence.

Job ID	Date	Time	Location	Status	GPS	Video	Audio	Temperature	Weight	Volume	Notes	Actions
1001	2023-10-26	08:15	1234 Main St	Completed	Yes	Yes	Yes	25°C	150kg	100L	Standard waste	View
1002	2023-10-26	09:30	5678 Elm St	Completed	Yes	Yes	Yes	22°C	200kg	150L	Medical waste	View
1003	2023-10-26	10:45	9101 Oak St	Completed	Yes	Yes	Yes	20°C	180kg	120L	General waste	View
1004	2023-10-26	12:00	2345 Pine St	Completed	Yes	Yes	Yes	18°C	120kg	80L	Sharps waste	View
1005	2023-10-26	13:15	6789 Birch St	Completed	Yes	Yes	Yes	21°C	160kg	110L	Pharmaceutical waste	View
1006	2023-10-26	14:30	3456 Cedar St	Completed	Yes	Yes	Yes	19°C	140kg	90L	Chemical waste	View
1007	2023-10-26	15:45	7890 Maple St	Completed	Yes	Yes	Yes	23°C	170kg	100L	Biological waste	View
1008	2023-10-26	17:00	1122 Spruce St	Completed	Yes	Yes	Yes	24°C	190kg	130L	General waste	View
1009	2023-10-26	18:15	4567 Willow St	Completed	Yes	Yes	Yes	22°C	160kg	110L	Medical waste	View
1010	2023-10-26	19:30	8901 Ash St	Completed	Yes	Yes	Yes	20°C	130kg	80L	Sharps waste	View

Result

Higher accountability across hospitals and contractors

65%

Reduction in delayed biomedical waste pickups

50%

Improvement in compliance visibility for authorities

55%

Faster audit and inspection responses

School Bus Transportation



Why this industry is a strong opportunity for you

School transportation is one of the most sensitive responsibilities any school or transport provider handles.

The School Bus Market was valued at USD 50.63 billion in 2025 and estimated to grow from USD 53.44 billion in 2026 to reach USD 70.06 billion by 2031, at a CAGR of 5.57% during the forecast period (2026-2031).



Source: <https://www.mordorintelligence.com/industry-reports/school-bus-market>

Real challenges faced in school bus operations

-  Parents don't know where the bus is
-  No confirmation when a child boards or gets down
-  Delays create panic and constant phone calls
-  Drivers overspeed or deviate from assigned routes
-  Schools struggle to monitor outsourced transporters
-  No quick way to handle emergencies
-  Complaints without data to verify what actually happened

What you can offer with Uffizio



Live school bus tracking



Student boarding & drop alerts



Live updates and ETAS



Route optimization & Geo-fencing



Speed & driving behavior monitoring



SOS & emergency alerts



Camera integration

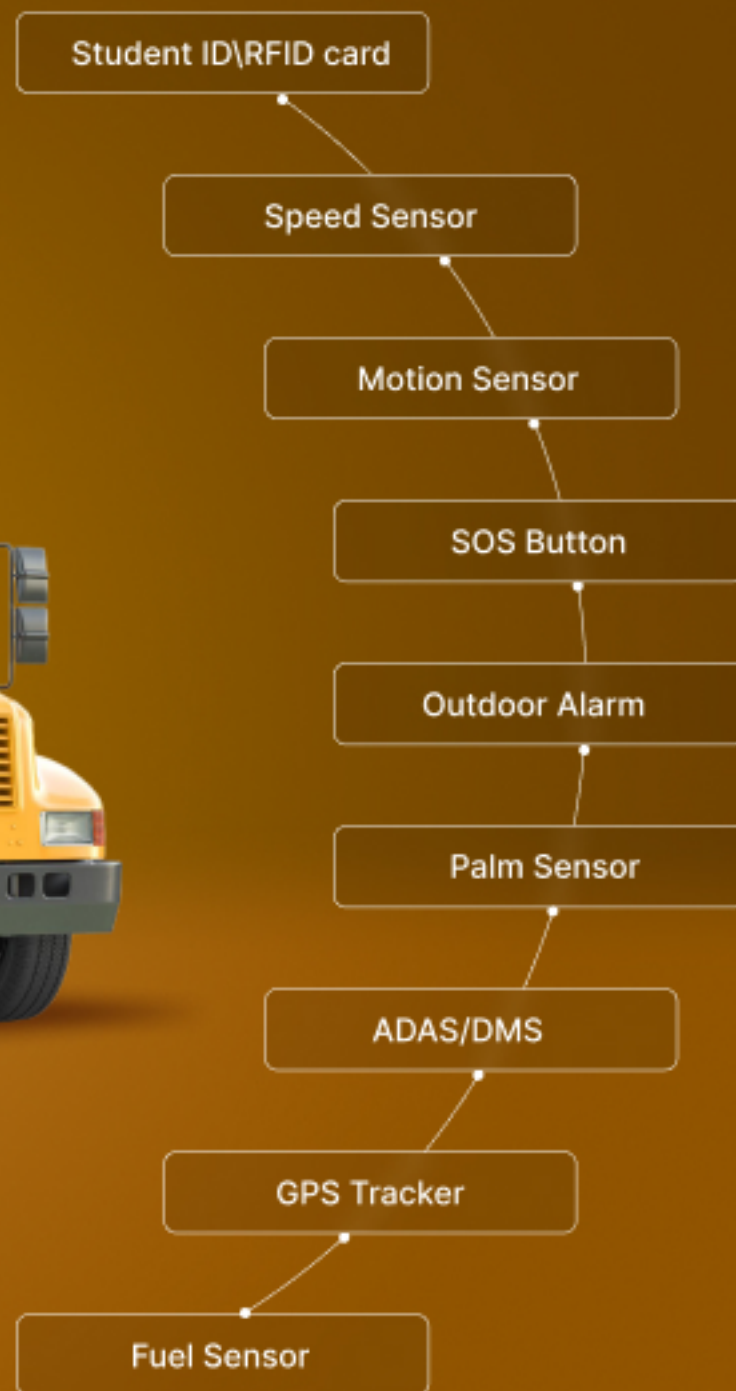


Transport tracking and student attendance report

Benefits that help you close deals faster

- ✓ Simplifies transporter management
- ✓ Reduces daily operational chaos
- ✓ Customizable according to school needs
- ✓ Improves driver discipline without confrontation
- ✓ Builds instant parent trust
- ✓ Easier management of outsourced fleets
- ✓ Strengthens the school's safety image

Hardware used in this Industry



01

USE CASE

Daily school bus operations with complete student safety & visibility

Managing daily school transportation is not just about moving buses, it's about managing time, safety, trust, and accountability every single morning. This use case walks through a typical school day journey, showing how SmartBus solves real operational challenges step by step from the moment a bus starts its route to the moment students safely reach school.



01 Bus starts from depot

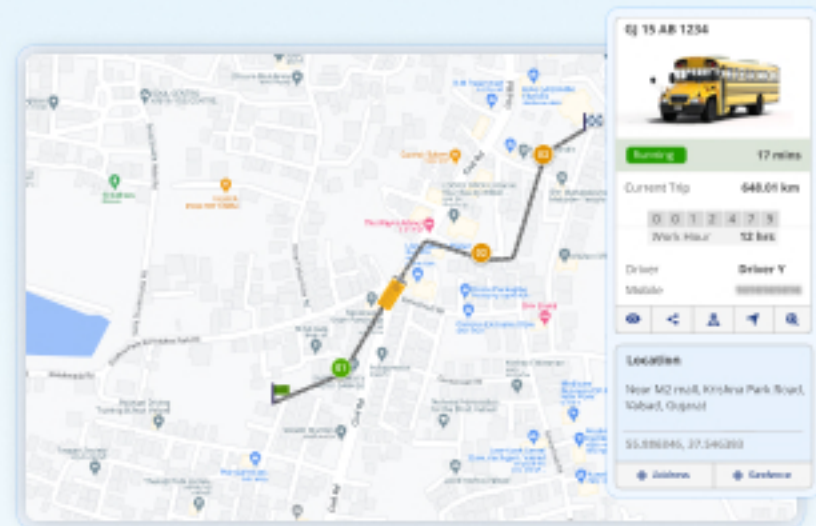
Problem

No visibility once the bus leaves pickup/drop point.



Solution

Live GPS tracking activates, showing real-time location and trip status.



02 Route & schedule execution

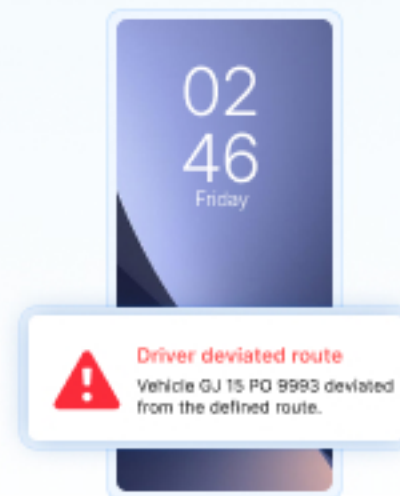
Problem

Drivers may skip stops, delay routes, or follow inconsistent schedules.



Solution

Predefined routes and schedules ensure the bus follows the assigned path with route deviation alerts for managers.



03 Bus approaches pickup point

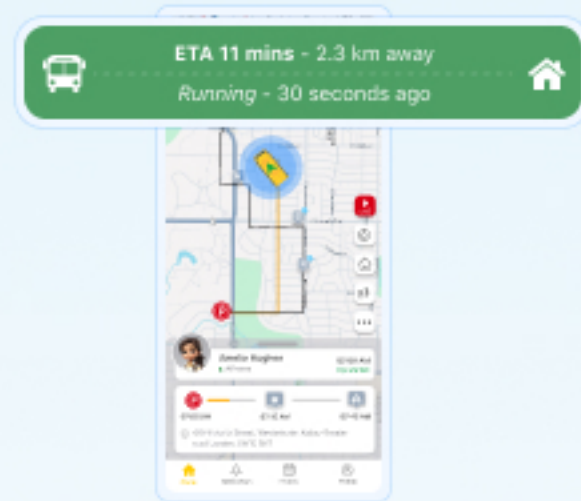
Problem

Parents don't know when the bus will arrive, leading to panic and repeated phone calls.



Solution

Automated ETA alerts are sent to parents before the bus reaches the pickup location.



04 Student boards the bus

Problem

Schools have no confirmed record of whether a child actually boarded the bus.



Solution

RFID student ID cards automatically register boarding as soon as the child steps onto the bus.

The screenshot shows a software interface with two main sections. The left section is titled "Student Trip Attendance Summary" and lists several rows of data with columns for "Route", "Status", "Class", "In", and "Out". The right section is titled "RFID" and shows a table with columns for "RFID Number", "Status", "Name", "Route", and a grid of columns representing different days of the week. The table contains several rows of data, with some cells containing green dots, indicating student boarding events.

05 Boarding confirmation to parents

Problem

Parents worry if their child boarded the bus safely.



Solution

Instant boarding alerts are sent to parents with time and location details.



06 Bus monitored during transit

Problem

Overspeeding, unsafe driving, or route deviation puts student safety at risk.



Solution

Speed monitoring, driver behavior analysis, and geofencing ensure disciplined and safe driving throughout the trip.

Top 5 Risky Drivers				Last 7 Days
John Smith	📍	📊	📅	45 High
Jane Doe	📍	📊	📅	30 High
Mike Johnson	📍	📊	📅	10 Low
John Smith	📍	📊	📅	55 Medium
John Smith	📍	📊	📅	58 Medium

07 Live video monitoring during transit

Problem

Schools lack visibility inside the bus and cannot verify incidents or complaints.



Solution

MDVR cameras provide live and recorded video for full inside and outside bus monitoring.



08 Safe drop-off at school

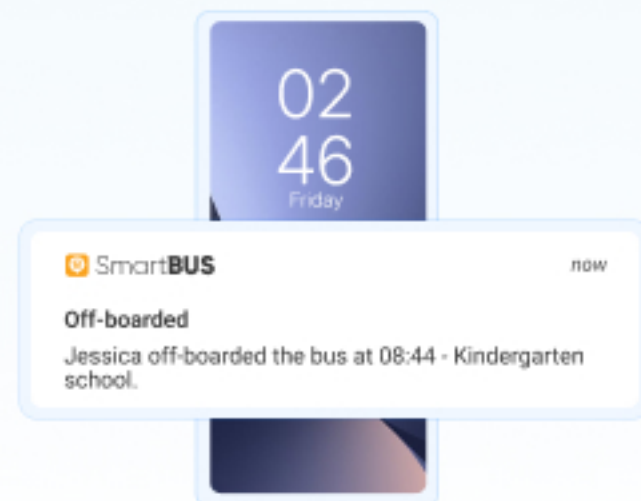
Problem

No verified confirmation of student drop-off creates disputes and confusion.



Solution

Drop-off alerts confirm safe arrival, completing the trip record with logs, timestamps, and video evidence.



09 Reports & Analytics

Problem

Schools and transport managers lack clear data to review daily bus operations.



Solution

System-generated reports show trip performance, attendance, driver behavior, and safety events.

Route	Bus	Driver	Start	End	Duration	Distance	Speed	Acceleration	Deceleration	Braking	Idling	Stops	Passengers	Incidents	Notes
Route 101	Bus 101	Driver A	08:00	08:30	30	10.0	15	10	5	2	1	15	0	0	On-time
Route 102	Bus 102	Driver B	08:15	08:45	30	10.0	15	10	5	2	15	0	0	On-time	
Route 103	Bus 103	Driver C	08:30	09:00	30	10.0	15	10	5	2	15	0	0	On-time	
Route 104	Bus 104	Driver D	08:45	09:15	30	10.0	15	10	5	2	15	0	0	On-time	
Route 105	Bus 105	Driver E	09:00	09:30	30	10.0	15	10	5	2	15	0	0	On-time	
Route 106	Bus 106	Driver F	09:15	09:45	30	10.0	15	10	5	2	15	0	0	On-time	
Route 107	Bus 107	Driver G	09:30	10:00	30	10.0	15	10	5	2	15	0	0	On-time	
Route 108	Bus 108	Driver H	09:45	10:15	30	10.0	15	10	5	2	15	0	0	On-time	
Route 109	Bus 109	Driver I	10:00	10:30	30	10.0	15	10	5	2	15	0	0	On-time	
Route 110	Bus 110	Driver J	10:15	10:45	30	10.0	15	10	5	2	15	0	0	On-time	

Result

Clear utilization data helps construction teams reduce idle cost, improve productivity, and extend equipment life.



Reduction in parent inquiry calls



Accuracy in attendance records



Improvement in on-time pickups and drop-offs

02

USE CASE

Handling exam-day transport without confusion

During school exams, regular schedules don't apply. Different exam timings, special routes, and early or late drop-offs create confusion for parents and heavy coordination work for schools and transport managers. This use case shows how SmartBus exam-day trip management keeps everyone aligned without chaos.



01 Exam-specific trip planning

Problem

Regular bus schedules don't match exam timings.



Solution

Temporary tracking are created separately from daily routes.

The screenshot shows a 'Temporary tracking' configuration form. It includes fields for School, Branch, Temporary Trip Allocation, Student Selection Type, Date, To, Student, Vehicle, Name, Valid From, Valid To, Valid Days, Tracking Duration, Temporary Tracking Announcement, and a checkbox for a prompt to manage regular trip re-allocations. The form is set up for an elementary school with manual student selection and a specific tracking duration.

02 Easy coordination for managers & schools

Problem

Transport managers and schools juggle multiple exam schedules.



Solution

Insightful report shows all exam trips in one view.

School	Branch	Temporary tracking name	Vehicle	No. of students	Creditable	Valid from	Valid to	Status
Elementary National School	Elementary National School	Temporary tracking 1	AS	4	AS	24-09-2024	24-09-2024	Active
Elementary National School	Elementary National School	Temporary tracking 2	AS	4	AS	24-09-2024	24-09-2024	Active
Elementary National School	Elementary National School	Temporary tracking 3	AS	20	AS	12-09-2024	12-09-2024	Active
Elementary National School	Elementary National School	Temporary tracking 4	AS	18	AS	12-09-2024	24-09-2024	Active
Elementary National School	Elementary National School	Temporary tracking 5	AS	21	AS	20-10-2024	20-10-2024	Active
Elementary National School	Elementary National School	Temporary tracking 6	AS	21	AS	20-10-2024	24-09-2024	Active
Elementary National School	Elementary National School	Temporary tracking 7	AS	20	AS	20-10-2024	20-10-2024	Active
Elementary National School	Elementary National School	Temporary tracking 8	AS	18	AS	20-10-2024	20-10-2024	Active
Elementary National School	Elementary National School	Temporary tracking 9	AS	4	AS	12-09-2024	12-09-2024	Active
Elementary National School	Elementary National School	Temporary tracking 10	AS	20	AS	16-09-2024	16-09-2024	Active
Elementary National School	Elementary National School	Temporary tracking 11	AS	20	AS	20-10-2024	20-10-2024	Active
Elementary National School	Elementary National School	Temporary tracking 12	AS	21	AS	12-09-2024	12-09-2024	Active

03 Parent notification before exam day

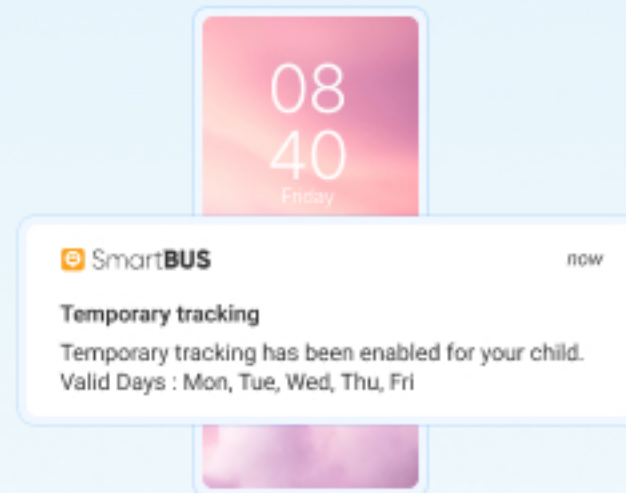
Problem

Parents are unsure about exam-day transport timing.



Solution

Advance notifications inform parents about revised routes and timings.



04 Live tracking on exam day

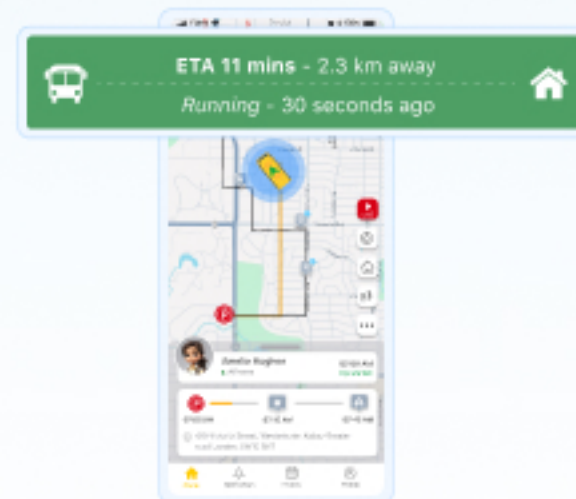
Problem

Parents want reassurance on important exam days.



Solution

Live bus tracking works the same as regular days.



05 Flexible pickup & drop timings

Problem

Different classes have different reporting times.



Solution

Custom pickup and drop schedules are assigned per exam batch.



Result

School bus transportation becomes more efficient.

65%

Reduction in parent inquiry calls

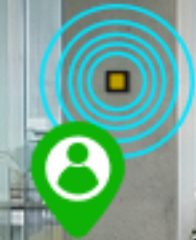
90%

Accuracy in attendance records

45%

Improvement in on-time pickups and drop-offs

Indoor Location & Asset Tracking



Maya



Oliver

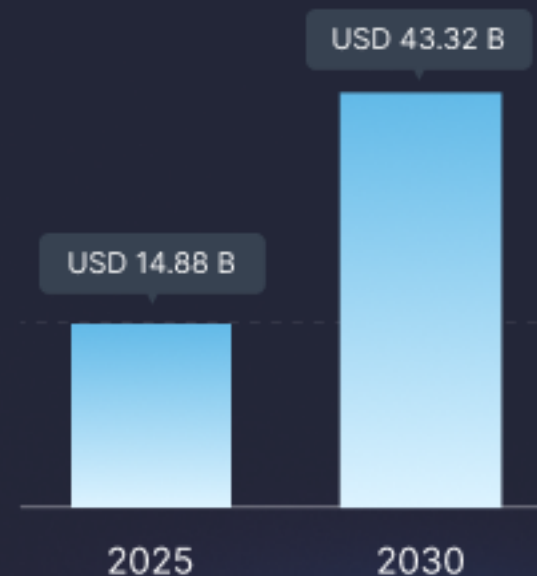


Liam

Why this industry is a strong opportunity for you

Indoor environments like hospitals, airports, malls, and construction sites are complex, crowded, and constantly moving. People, assets, and equipment move continuously, but traditional GPS-based tracking stops working indoors.

The indoor location solutions market size reached a value of USD 14.88 billion in 2025 and is forecast to post a 24% CAGR, lifting revenue to USD 43.32 billion by 2030.



Source: <https://www.mordorintelligence.com/industry-reports/indoor-location-solutions-market>

Key problems you can solve

- No real-time visibility inside buildings
- Poor coordination during emergencies
- Asset loss or theft
- Manual dependency for movement tracking
- Inefficient use of staff and resources
- Safety risks in high-risk or crowded areas
- No proof for audits and compliance
- Multi-floor and zone-level complexity

What you can offer with Uffizio



Real-time indoor tracking for people and assets



Zone-level and room-level location accuracy



Heat maps for movement, footfall



Geo-fencing with unauthorized entry alerts



Multi-floor indoor maps and live visibility



Asset utilization and idle-time tracking



SOS / panic alerts for emergencies

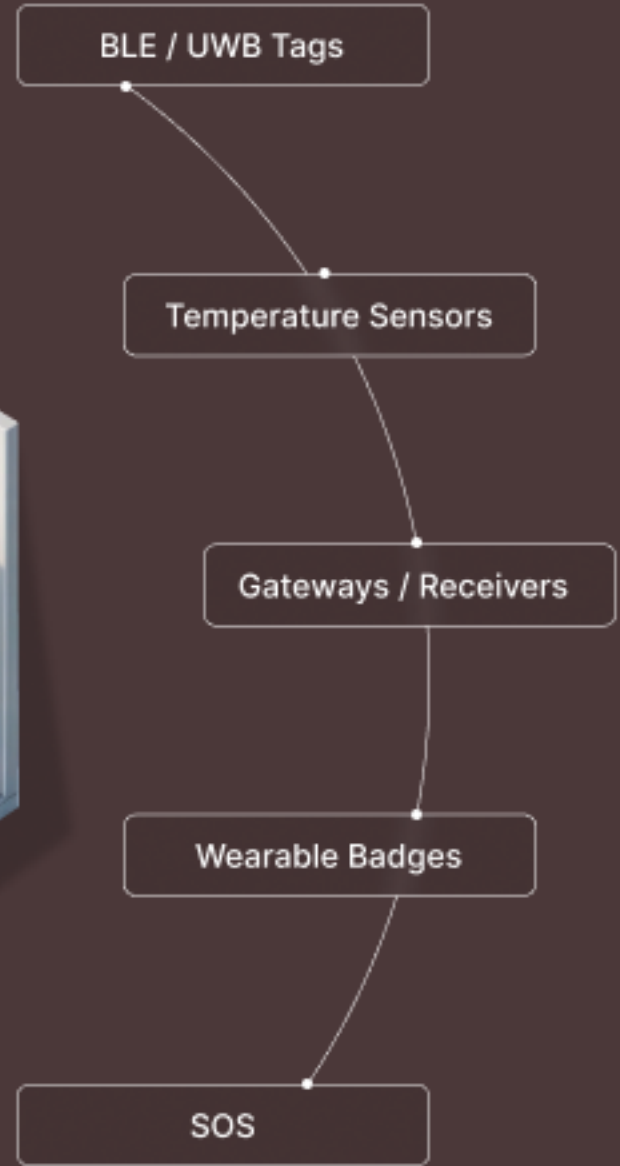


Reports and analytics

Benefits that help you close deals faster

- ✓ Immediate ROI visibility through asset recovery and reduced loss
- ✓ Operational efficiency gains by cutting search time for equipment and personnel
- ✓ Scalable across multiple buildings and sites
- ✓ Data-backed decision making with movement analytics and utilization reports
- ✓ Improved compliance & accountability via location history and event logs

Hardware used in this Industry



01

USE CASE

Hospital indoor location & asset tracking

Hospitals are busy, multi-floor environments where patients, staff, and critical medical equipment move constantly.

When location visibility is missing, it leads to delays in care, safety risks, and operational inefficiencies. This use case shows how indoor tracking helps hospitals respond faster, improve safety, and use resources better.



01 Difficulty finding medical equipment

Problem

Staff waste time searching for wheelchairs, pumps, or monitors.



Solution

Real-time indoor asset tracking shows exact equipment location.



02 Delays in emergency response

Problem

When an emergency happens, the control team cannot quickly identify where the incident occurred



Solution

Live indoor location tracking alerts the floor in-charge with the emergency location



03 Unauthorized access to restricted areas

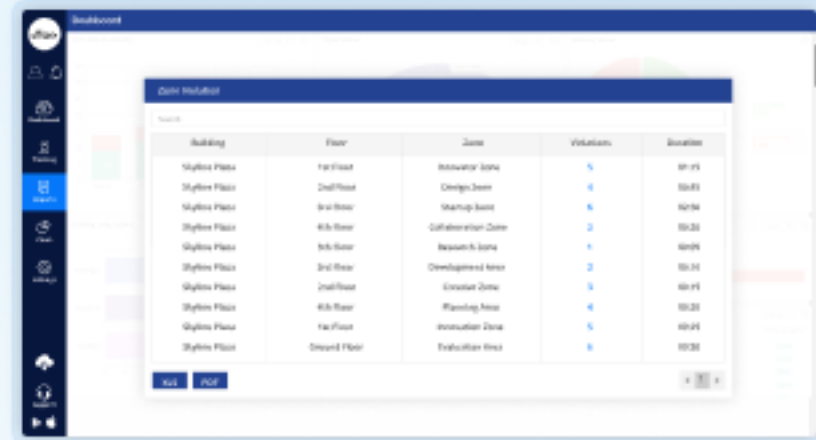
Problem

Patients or visitors enter restricted hospital zones without staff being aware.



Solution

Zone-based alerts notify staff immediately, and a zone-wise violation report on the dashboard provides clear visibility.



04 Poor equipment utilization

Problem

Hospitals buy or rent extra equipment unnecessarily.



Solution

Utilization reports show actual asset usage.



05 Staff accountability gaps

Problem

During incidents, there is no clear record of which staff were present or how quickly they responded.



Solution

Staff movement tracking shows staff location, movement path, and response time, with playback.

STAFF	ID	NAME	STATUS	LOCATION	START TIME	END TIME	MOVEMENT PATH	RESPONSE TIME	LAST SEEN	LAST LOCATION	MOVEMENT TYPE	MOVEMENT DIRECTION	MOVEMENT SPEED	MOVEMENT DISTANCE	MOVEMENT AREA	MOVEMENT STATUS	MOVEMENT ID
John	1001	John Doe	Active	Room 101	10:00	10:05	Room 101 -> Room 102	5m	10:05	Room 102	Walking	North	1.5m/s	7.5m	Room 102	Completed	1001-101-102
Jane	1002	Jane Smith	Active	Room 102	10:00	10:05	Room 102 -> Room 103	5m	10:05	Room 103	Walking	East	1.5m/s	7.5m	Room 103	Completed	1002-102-103
Mike	1003	Mike Johnson	Active	Room 103	10:00	10:05	Room 103 -> Room 104	5m	10:05	Room 104	Walking	South	1.5m/s	7.5m	Room 104	Completed	1003-103-104
Emily	1004	Emily White	Active	Room 104	10:00	10:05	Room 104 -> Room 105	5m	10:05	Room 105	Walking	West	1.5m/s	7.5m	Room 105	Completed	1004-104-105
David	1005	David Brown	Active	Room 105	10:00	10:05	Room 105 -> Room 106	5m	10:05	Room 106	Walking	North	1.5m/s	7.5m	Room 106	Completed	1005-105-106
Alice	1006	Alice Green	Active	Room 106	10:00	10:05	Room 106 -> Room 107	5m	10:05	Room 107	Walking	East	1.5m/s	7.5m	Room 107	Completed	1006-106-107
Bob	1007	Bob Black	Active	Room 107	10:00	10:05	Room 107 -> Room 108	5m	10:05	Room 108	Walking	South	1.5m/s	7.5m	Room 108	Completed	1007-107-108
Charlie	1008	Charlie Grey	Active	Room 108	10:00	10:05	Room 108 -> Room 109	5m	10:05	Room 109	Walking	West	1.5m/s	7.5m	Room 109	Completed	1008-108-109
Diana	1009	Diana Pink	Active	Room 109	10:00	10:05	Room 109 -> Room 110	5m	10:05	Room 110	Walking	North	1.5m/s	7.5m	Room 110	Completed	1009-109-110
Ethan	1010	Ethan Blue	Active	Room 110	10:00	10:05	Room 110 -> Room 111	5m	10:05	Room 111	Walking	East	1.5m/s	7.5m	Room 111	Completed	1010-110-111
Fiona	1011	Fiona Yellow	Active	Room 111	10:00	10:05	Room 111 -> Room 112	5m	10:05	Room 112	Walking	South	1.5m/s	7.5m	Room 112	Completed	1011-111-112
George	1012	George Purple	Active	Room 112	10:00	10:05	Room 112 -> Room 113	5m	10:05	Room 113	Walking	West	1.5m/s	7.5m	Room 113	Completed	1012-112-113
Helen	1013	Helen Orange	Active	Room 113	10:00	10:05	Room 113 -> Room 114	5m	10:05	Room 114	Walking	North	1.5m/s	7.5m	Room 114	Completed	1013-113-114
Ivan	1014	Ivan Red	Active	Room 114	10:00	10:05	Room 114 -> Room 115	5m	10:05	Room 115	Walking	East	1.5m/s	7.5m	Room 115	Completed	1014-114-115
Judy	1015	Judy Green	Active	Room 115	10:00	10:05	Room 115 -> Room 116	5m	10:05	Room 116	Walking	South	1.5m/s	7.5m	Room 116	Completed	1015-115-116
Kyle	1016	Kyle Blue	Active	Room 116	10:00	10:05	Room 116 -> Room 117	5m	10:05	Room 117	Walking	West	1.5m/s	7.5m	Room 117	Completed	1016-116-117
Laura	1017	Laura Yellow	Active	Room 117	10:00	10:05	Room 117 -> Room 118	5m	10:05	Room 118	Walking	North	1.5m/s	7.5m	Room 118	Completed	1017-117-118
Martin	1018	Martin Purple	Active	Room 118	10:00	10:05	Room 118 -> Room 119	5m	10:05	Room 119	Walking	East	1.5m/s	7.5m	Room 119	Completed	1018-118-119
Nancy	1019	Nancy Orange	Active	Room 119	10:00	10:05	Room 119 -> Room 120	5m	10:05	Room 120	Walking	South	1.5m/s	7.5m	Room 120	Completed	1019-119-120
Oscar	1020	Oscar Red	Active	Room 120	10:00	10:05	Room 120 -> Room 121	5m	10:05	Room 121	Walking	West	1.5m/s	7.5m	Room 121	Completed	1020-120-121
Peter	1021	Peter Green	Active	Room 121	10:00	10:05	Room 121 -> Room 122	5m	10:05	Room 122	Walking	North	1.5m/s	7.5m	Room 122	Completed	1021-121-122
Quinn	1022	Quinn Blue	Active	Room 122	10:00	10:05	Room 122 -> Room 123	5m	10:05	Room 123	Walking	East	1.5m/s	7.5m	Room 123	Completed	1022-122-123
Rachel	1023	Rachel Yellow	Active	Room 123	10:00	10:05	Room 123 -> Room 124	5m	10:05	Room 124	Walking	South	1.5m/s	7.5m	Room 124	Completed	1023-123-124
Samuel	1024	Samuel Purple	Active	Room 124	10:00	10:05	Room 124 -> Room 125	5m	10:05	Room 125	Walking	West	1.5m/s	7.5m	Room 125	Completed	1024-124-125
Tina	1025	Tina Orange	Active	Room 125	10:00	10:05	Room 125 -> Room 126	5m	10:05	Room 126	Walking	North	1.5m/s	7.5m	Room 126	Completed	1025-125-126
Uma	1026	Uma Red	Active	Room 126	10:00	10:05	Room 126 -> Room 127	5m	10:05	Room 127	Walking	East	1.5m/s	7.5m	Room 127	Completed	1026-126-127
Victor	1027	Victor Green	Active	Room 127	10:00	10:05	Room 127 -> Room 128	5m	10:05	Room 128	Walking	South	1.5m/s	7.5m	Room 128	Completed	1027-127-128
Wendy	1028	Wendy Blue	Active	Room 128	10:00	10:05	Room 128 -> Room 129	5m	10:05	Room 129	Walking	West	1.5m/s	7.5m	Room 129	Completed	1028-128-129
Xavier	1029	Xavier Yellow	Active	Room 129	10:00	10:05	Room 129 -> Room 130	5m	10:05	Room 130	Walking	North	1.5m/s	7.5m	Room 130	Completed	1029-129-130
Yvonne	1030	Yvonne Purple	Active	Room 130	10:00	10:05	Room 130 -> Room 131	5m	10:05	Room 131	Walking	East	1.5m/s	7.5m	Room 131	Completed	1030-130-131
Zoe	1031	Zoe Orange	Active	Room 131	10:00	10:05	Room 131 -> Room 132	5m	10:05	Room 132	Walking	South	1.5m/s	7.5m	Room 132	Completed	1031-131-132
Adam	1032	Adam Red	Active	Room 132	10:00	10:05	Room 132 -> Room 133	5m	10:05	Room 133	Walking	West	1.5m/s	7.5m	Room 133	Completed	1032-132-133
Bella	1033	Bella Green	Active	Room 133	10:00	10:05	Room 133 -> Room 134	5m	10:05	Room 134	Walking	North	1.5m/s	7.5m	Room 134	Completed	1033-133-134
Charlie	1034	Charlie Blue	Active	Room 134	10:00	10:05	Room 134 -> Room 135	5m	10:05	Room 135	Walking	East	1.5m/s	7.5m	Room 135	Completed	1034-134-135
Diana	1035	Diana Yellow	Active	Room 135	10:00	10:05	Room 135 -> Room 136	5m	10:05	Room 136	Walking	South	1.5m/s	7.5m	Room 136	Completed	1035-135-136
Ethan	1036	Ethan Purple	Active	Room 136	10:00	10:05	Room 136 -> Room 137	5m	10:05	Room 137	Walking	West	1.5m/s	7.5m	Room 137	Completed	1036-136-137
Fiona	1037	Fiona Orange	Active	Room 137	10:00	10:05	Room 137 -> Room 138	5m	10:05	Room 138	Walking	North	1.5m/s	7.5m	Room 138	Completed	1037-137-138
George	1038	George Red	Active	Room 138	10:00	10:05	Room 138 -> Room 139	5m	10:05	Room 139	Walking	East	1.5m/s	7.5m	Room 139	Completed	1038-138-139
Helen	1039	Helen Green	Active	Room 139	10:00	10:05	Room 139 -> Room 140	5m	10:05	Room 140	Walking	South	1.5m/s	7.5m	Room 140	Completed	1039-139-140
Ivan	1040	Ivan Blue	Active	Room 140	10:00	10:05	Room 140 -> Room 141	5m	10:05	Room 141	Walking	West	1.5m/s	7.5m	Room 141	Completed	1040-140-141
Judy	1041	Judy Yellow	Active	Room 141	10:00	10:05	Room 141 -> Room 142	5m	10:05	Room 142	Walking	North	1.5m/s	7.5m	Room 142	Completed	1041-141-142
Kyle	1042	Kyle Purple	Active	Room 142	10:00	10:05	Room 142 -> Room 143	5m	10:05	Room 143	Walking	East	1.5m/s	7.5m	Room 143	Completed	1042-142-143
Laura	1043	Laura Orange	Active	Room 143	10:00	10:05	Room 143 -> Room 144	5m	10:05	Room 144	Walking	South	1.5m/s	7.5m	Room 144	Completed	1043-143-144
Martin	1044	Martin Red	Active	Room 144	10:00	10:05	Room 144 -> Room 145	5m	10:05	Room 145	Walking	West	1.5m/s	7.5m	Room 145	Completed	1044-144-145
Nancy	1045	Nancy Green	Active	Room 145	10:00	10:05	Room 145 -> Room 146	5m	10:05	Room 146	Walking	North	1.5m/s	7.5m	Room 146	Completed	1045-145-146
Oscar	1046	Oscar Blue	Active	Room 146	10:00	10:05	Room 146 -> Room 147	5m	10:05	Room 147	Walking	East	1.5m/s	7.5m	Room 147	Completed	1046-146-147
Peter	1047	Peter Yellow	Active	Room 147	10:00	10:05	Room 147 -> Room 148	5m	10:05	Room 148	Walking	South	1.5m/s	7.5m	Room 148	Completed	1047-147-148
Quinn	1048	Quinn Purple	Active	Room 148	10:00	10:05	Room 148 -> Room 149	5m	10:05	Room 149	Walking	West	1.5m/s	7.5m	Room 149	Completed	1048-148-149
Rachel	1049	Rachel Orange	Active	Room 149	10:00	10:05	Room 149 -> Room 150	5m	10:05	Room 150	Walking	North	1.5m/s	7.5m	Room 150	Completed	1049-149-150
Samuel	1050	Samuel Red	Active	Room 150	10:00	10:05	Room 150 -> Room 151	5m	10:05	Room 151	Walking	East	1.5m/s	7.5m	Room 151	Completed	1050-150-151

Result

Faster care delivery with improved safety and operational efficiency.

40%

Reduction in time spent searching for equipment

35%

Faster emergency response inside hospital premises

30%

Improvement in asset utilization

02

USE CASE

Airport staff, asset & luggage visibility

Airports depend on the smooth coordination of staff, security teams, equipment, and luggage inside terminals and restricted areas. Without indoor visibility, delays, security gaps, and baggage-related complaints increase. This use case shows how indoor tracking using tags and beacons helps airport authorities maintain control, safety, and accountability.



01 Multi-floor visibility gaps

Problem

Control rooms lack real-time visibility across multiple floors.



Solution

Indoor maps provide live floor-wise movement tracking.



02 Difficulty locating security & operations staff

Problem

Control rooms monitor multiple cameras but still struggle to locate staff quickly.



Solution

Tagged ID badges show real-time indoor location instantly.



03 Missing or misplaced airport equipment

Problem

Wheelchairs, trolleys, and tools are often unavailable.



Solution

Asset tracking shows the exact location of each equipment item, with movement playback.



04 Luggage delays inside terminal areas

Problem

Checked luggage gets delayed or misplaced between zones.



Solution

Luggage tags track movement across baggage handling areas.



05 Audit & compliance pressure

Problem

Authorities need evidence of security, response, and baggage handling actions.



Solution

Automated reports show peak activity, missing objects, and alert status for audits.

Location	Status	Count	Percentage	Alert Status
Gate 1	Active	15	100%	OK
Gate 2	Active	15	100%	OK
Gate 3	Active	15	100%	OK
Gate 4	Active	15	100%	OK
Gate 5	Active	15	100%	OK
Gate 6	Active	15	100%	OK
Gate 7	Active	15	100%	OK
Gate 8	Active	15	100%	OK
Gate 9	Active	15	100%	OK
Gate 10	Active	15	100%	OK
Gate 11	Active	15	100%	OK
Gate 12	Active	15	100%	OK
Gate 13	Active	15	100%	OK
Gate 14	Active	15	100%	OK
Gate 15	Active	15	100%	OK
Gate 16	Active	15	100%	OK
Gate 17	Active	15	100%	OK
Gate 18	Active	15	100%	OK
Gate 19	Active	15	100%	OK
Gate 20	Active	15	100%	OK

Result

Better airport operations with improved safety and baggage control.

30%

Faster internal emergency response

35%

Reduction in luggage handling delays inside terminals

45%

Improvement in equipment availability

03

USE CASE

Construction site equipment & tool tracking

Construction sites handle high-value tools, machinery, and equipment spread across multiple floors and zones.

When equipment visibility is missing, it leads to tool loss, delays, misuse, and higher project costs.

This use case shows how indoor tracking helps construction teams protect assets, improve utilization, and maintain site control.



01 No real-time visibility indoors

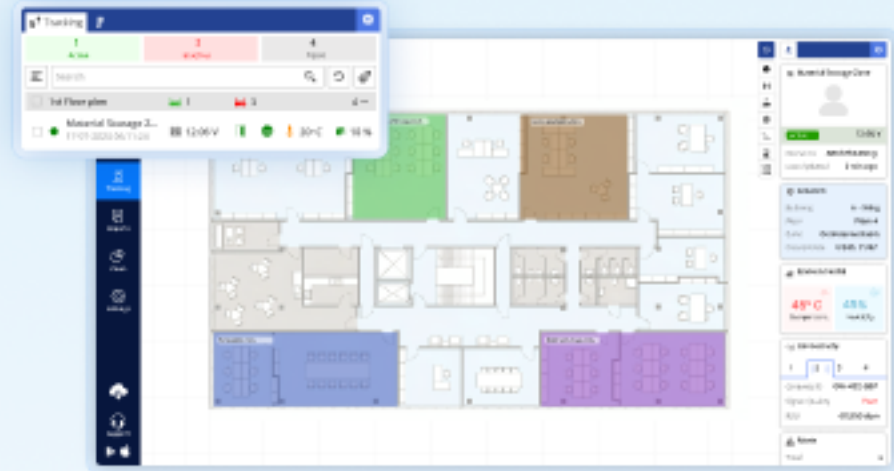
Problem

Managers cannot track workers or assets once operations move inside buildings.



Solution

Real-time, floor-wise and zone-wise visibility through a centralized dashboard.



02 Worker safety risks

Problem

Locating workers during accidents or emergencies is time-consuming.



Solution

Wearable tags enable instant worker location tracking and faster emergency response.



03 Tool and equipment **misplacement**

Problem

Untracked tools move across floors, causing delays and losses.



Solution

Tool tracking with live location view and movement alerts prevents misplacement.



04 **Unauthorized access to risky zones**

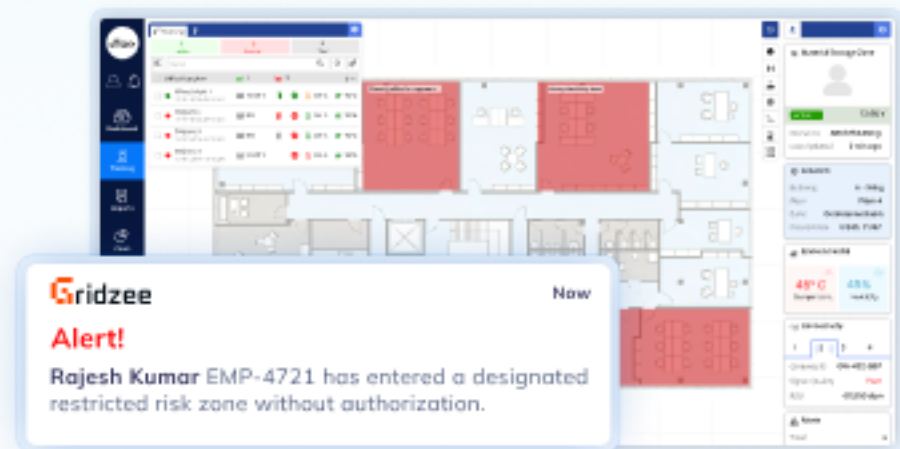
Problem

Workers enter hazardous or restricted areas unknowingly.



Solution

Zone-based alerts notify managers immediately when restricted areas are accessed.



05 No productivity insights

Problem

Lack of data on workforce movement and idle time affects planning.



Solution

Automated reports provide insights into attendance, movement, and zone-wise productivity.

A screenshot of a software dashboard displaying a table of worker activity data. The table has columns for Name, Location, Start Time, End Time, Status, Zone, and Productivity. The data is organized into rows, each representing a worker's activity in a specific zone. The interface includes a sidebar with navigation icons and a top header with search and filter options.

Name	Location	Start Time	End Time	Status	Zone	Productivity
Leahika	Site	08:00:00 AM	09:00:00 AM	Working	Zone 1	100%
Leahika	Site	09:00:00 AM	10:00:00 AM	Idle	Zone 2	0%
Leahika	Site	10:00:00 AM	11:00:00 AM	Working	Zone 3	100%
Leahika	Site	11:00:00 AM	12:00:00 PM	Working	Zone 4	100%
Leahika	Site	12:00:00 PM	13:00:00 PM	Idle	Zone 5	0%
Leahika	Site	13:00:00 PM	14:00:00 PM	Working	Zone 6	100%
Leahika	Site	14:00:00 PM	15:00:00 PM	Working	Zone 7	100%
Leahika	Site	15:00:00 PM	16:00:00 PM	Working	Zone 8	100%
Leahika	Site	16:00:00 PM	17:00:00 PM	Working	Zone 9	100%
Leahika	Site	17:00:00 PM	18:00:00 PM	Working	Zone 10	100%
Leahika	Site	18:00:00 PM	19:00:00 PM	Working	Zone 11	100%
Leahika	Site	19:00:00 PM	20:00:00 PM	Working	Zone 12	100%
Leahika	Site	20:00:00 PM	21:00:00 PM	Working	Zone 13	100%
Leahika	Site	21:00:00 PM	22:00:00 PM	Working	Zone 14	100%
Leahika	Site	22:00:00 PM	23:00:00 PM	Working	Zone 15	100%
Leahika	Site	23:00:00 PM	24:00:00 PM	Working	Zone 16	100%

Result

Better control of construction equipment with reduced loss and delays.

25%

Reduction in tool loss

20%

Improvement in workforce productivity

30%

Fewer safety violation

04

USE CASE

Warehouse indoor asset & inventory monitoring

Warehouses store and move goods, pallets, and equipment every day. Items are placed across many aisles and sections. When teams don't know where things are inside the warehouse, work slows down and mistakes happen. This use case shows how indoor tracking helps warehouses find items faster, avoid loss, and work more smoothly.



01 Items are hard to find

Problem

Workers spend time searching for pallets and boxes.



Solution

Indoor tracking shows exactly where items are kept.



02 Too much crowd in some area

Problem

Forklifts are kept in the same areas, causing crowding and safety risks.



Solution

Heat maps show areas with high and low movement, helping teams balance flow and reduce crowding.



03 Temperature control issues

Problem

Temperature changes inside the facility go unnoticed, putting sensitive goods at risk.



Solution

Temperature alerts notify teams instantly whenever temperature crosses the defined limits.



04 Zone capacity visibility

Problem

Lack of zone capacity insights leads to congestion and idle space.



Solution

Real-time zone availability shows capacity status for better planning.



05 No record of item movement

Problem

Teams don't know who moved items or where they went.



Solution

Movement report along with playback keeps a record of item location changes.

A screenshot of a software interface displaying a detailed movement report. The table has columns for various tracking metrics and includes a search bar and navigation icons at the top. The data rows show item IDs, locations, and timestamps.

Item ID	Item Name	Location	Time	Status	Operator	Device	Location	Time	Status	Operator	Device
1001	Box A	Zone 1	10:00	Move	John	Handheld	Zone 2	10:05	Success	John	Handheld
1002	Box B	Zone 3	10:10	Move	Jane	Handheld	Zone 4	10:15	Success	Jane	Handheld
1003	Box C	Zone 1	10:20	Move	John	Handheld	Zone 1	10:25	Success	John	Handheld
1004	Box D	Zone 2	10:30	Move	Jane	Handheld	Zone 3	10:35	Success	Jane	Handheld
1005	Box E	Zone 4	10:40	Move	John	Handheld	Zone 4	10:45	Success	John	Handheld
1006	Box F	Zone 1	10:50	Move	Jane	Handheld	Zone 2	10:55	Success	Jane	Handheld
1007	Box G	Zone 3	11:00	Move	John	Handheld	Zone 4	11:05	Success	John	Handheld
1008	Box H	Zone 4	11:10	Move	Jane	Handheld	Zone 1	11:15	Success	Jane	Handheld
1009	Box I	Zone 2	11:20	Move	John	Handheld	Zone 3	11:25	Success	John	Handheld
1010	Box J	Zone 4	11:30	Move	Jane	Handheld	Zone 1	11:35	Success	Jane	Handheld

Result

Faster work, less loss, and better control inside the warehouse.

40%

Less time spent searching for items

35%

Faster order picking and dispatch

48%

Better visibility of pallets and goods

Field Workforce Management



Why field workforce is the biggest growth engine

The field workforce is the driving force behind revenue generation and client trust. They drive real-time execution, customer satisfaction, and work efficiency for any sector in the field. The global field service management market, including workforce tracking, real-time task updates, and mobile execution tools, is growing quickly. Its expected growth from 5 billion USD in 2025 to almost 14.6 billion USD in 2035 shows that efficient field execution turns daily tasks into real business opportunities. When your field workforce performs efficiently, it becomes your biggest growth engine.



Source: <https://www.futuremarketinsights.com/reports/field-service-management-market>

Key problems you can solve

- No visibility of field employees
- Missed schedules, delays, or SLA violations
- Task submissions fails in low network
- Poor task allotment keeps staff idle
- Difficulty managing large field teams
- No quick way to report field emergencies
- Lack of real-time inventory management
- No proof of task completion

What you can offer with Uffizio



Live monitoring of field employees



Real-time task updates



Real-time task updates



Attendance verification via face & location



Easy leave & expense management



Audit-ready performance reports



Real-time inventory & order management



Faster response to field emergencies

Benefits that help you close deals faster

- ✓ Higher field workforce productivity
- ✓ Increased field sales and service efficiency
- ✓ Easy system integration
- ✓ Reduce your clients' operational costs
- ✓ No hardware required
- ✓ Maintain long-term client relationships
- ✓ Drive stable, high recurring revenue
- ✓ Reduce customer complaints for your clients

Field Employee Tracking Software

Make field teams management simple, efficient, and profitable for your clients



01

USE CASE

Facility management and housekeeping services

Facility management and housekeeping staff work across client premises, including offices, hospitals, hotels, malls, factories, and residential complexes. Their responsibilities include daily cleaning, sanitisation, waste management, equipment upkeep, and compliance-related tasks—often without direct supervision. In these operations, being on time, providing consistent service, maintaining hygiene standards, and providing proof of work are critical. Supervisors need real-time visibility into on-ground staff activity, while clients expect transparency and SLA compliance. A structured field workforce management system becomes essential to verify site presence, monitor tasks, and maintain service quality across locations.



01 On-site staff visit verification

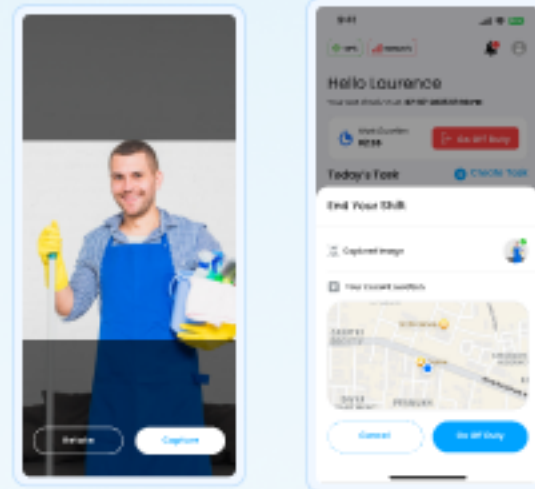
Problem

No reliable way to confirm housekeeping staff presence at assigned facilities.



Solution

Face recognition with GPS location ensures genuine on-site attendance.



02 Cleaning & service proof submission

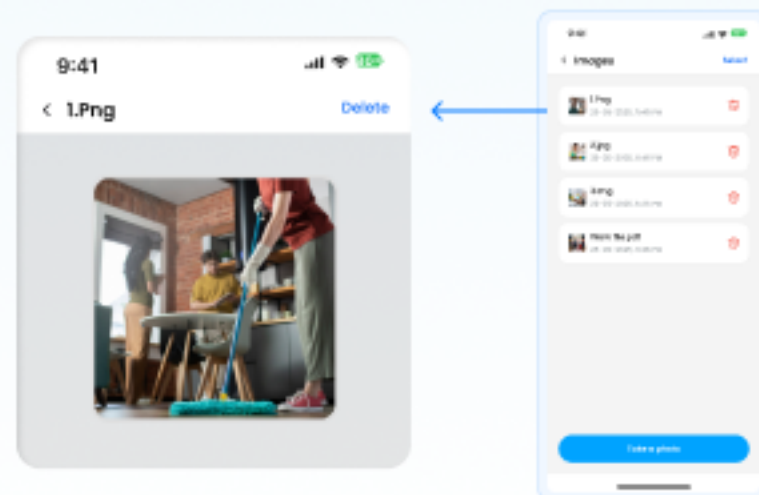
Problem

Lack of proof for completed cleaning and other tasks.



Solution

Photos, videos, and other relevant digital files submitted from assigned locations serve as proof of completed work.



03 Planned service scheduling

Problem

Routine cleaning or facility maintenance is often delayed or skipped.



Solution

Digital shift management ensures cleaning & maintenance tasks are completed on time.



04 Client approval & service confirmation

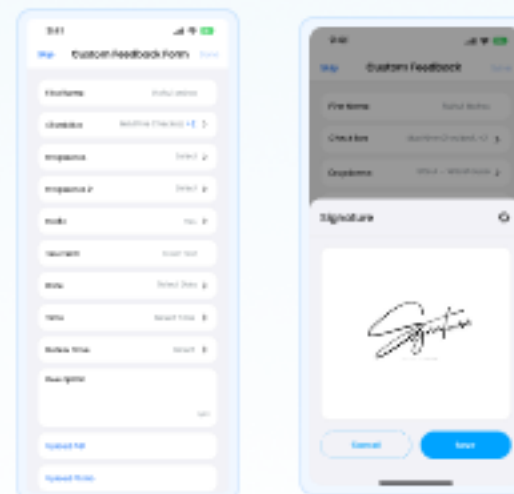
Problem

No confirmation of client satisfaction or service acceptance.



Solution

Custom feedback forms and digital signatures capture client approval instantly.



05 SLA & response time monitoring

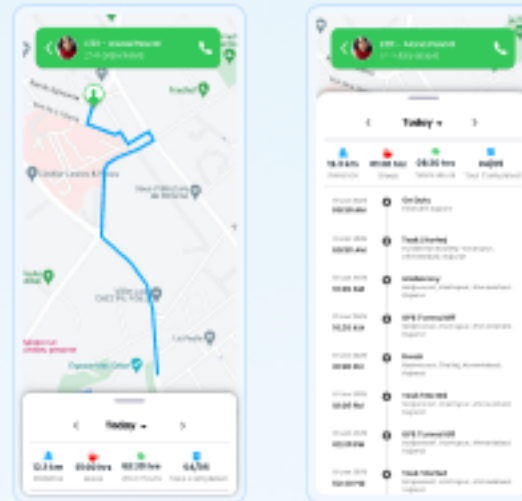
Problem

Task delays result in SLA (Service Level Agreement) breaches and complaints.



Solution

Live task updates ensure SLA compliance and real-time complaint resolution for each facility.



06 Cleaning supply stocking

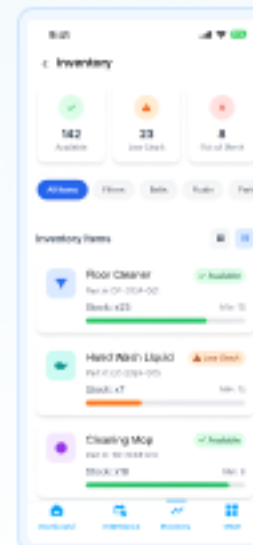
Problem

Poor visibility of cleaning material usage leads to shortages.



Solution

Real-time inventory management ensures accurate stock levels and prevents shortages.



07 Staff performance & productivity tracking

Problem

Measuring facility & housekeeping staff efficiency across multiple sites is difficult.



Solution

Real-time reports show housekeeping attendance, cleaning tasks, and staff performance analysis.



08 Offline task execution & auto sync

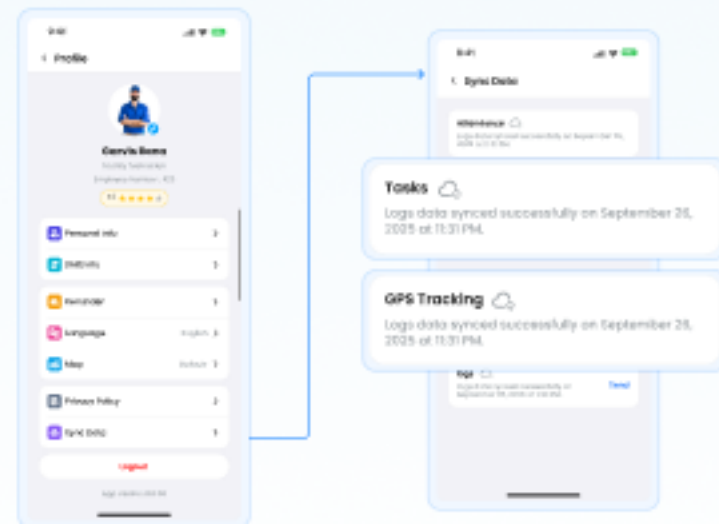
Problem

Poor connectivity at sites like basements or factories leads to missed field updates.



Solution

Offline mode captures tasks and locations, auto-syncing data once the network is restored.



05 Expense submission & reimbursement tracking

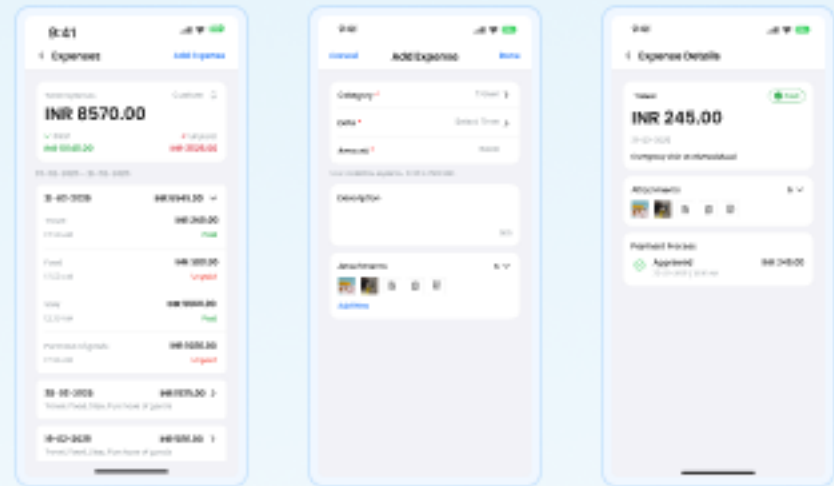
Problem

Tracking field services staff expenses is difficult and delays reimbursements.



Solution

Mobile expense submission with photo receipts ensures fast, accurate approvals and tracking.



Result

Facility services become organised, transparent, and easy to control in real time.

27%

Reduction in missed or overlooked cleaning and maintenance activities.

32%

Improvement in on-time completion of scheduled services.

40%

Better compliance with hygiene audits, slas, and service quality standards.

02

USE CASE

Installation, repairing and maintenance services

Field technicians work at the client sites where they handle critical tasks like equipment installation, repairs, and routine maintenance, without supervision. In these scenarios, factors such as timing, accuracy, and service quality are important. The technicians need a simple way to submit their work proof, while their supervisors need real-time task monitoring. A systematic field service monitoring system is essential to verify client visits, ensure on-time completions, and receive feedback on service quality.



01 Job assignment & task clarity

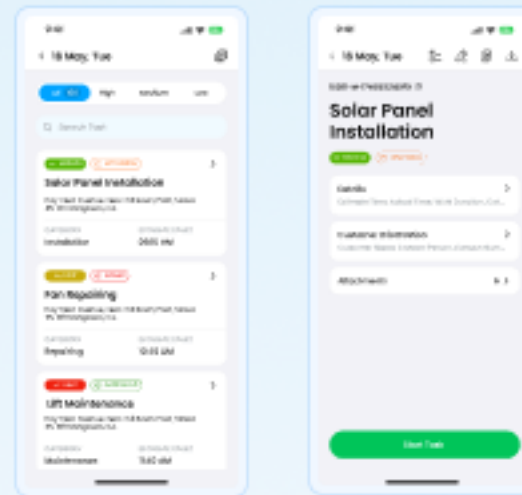
Problem

Unclear job instructions cause delays, errors, and repeated site visits.



Solution

Digitally assigned tasks provide clear instructions, schedules, and priorities.



02 On-site service visit verification

Problem

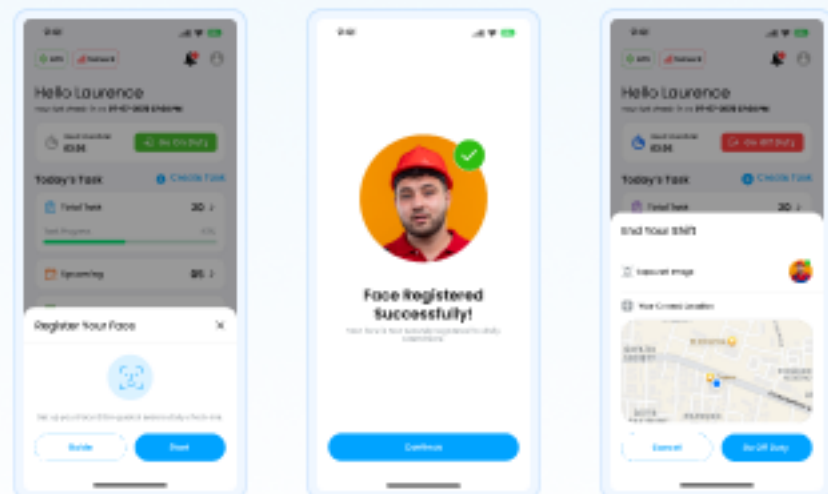
Jobs are closed without technicians visiting the actual service location.



Job Completed

Solution

GPS location and face scan-based attendance verify genuine on-site technician visits.



03 Installation, repair & service proof submission

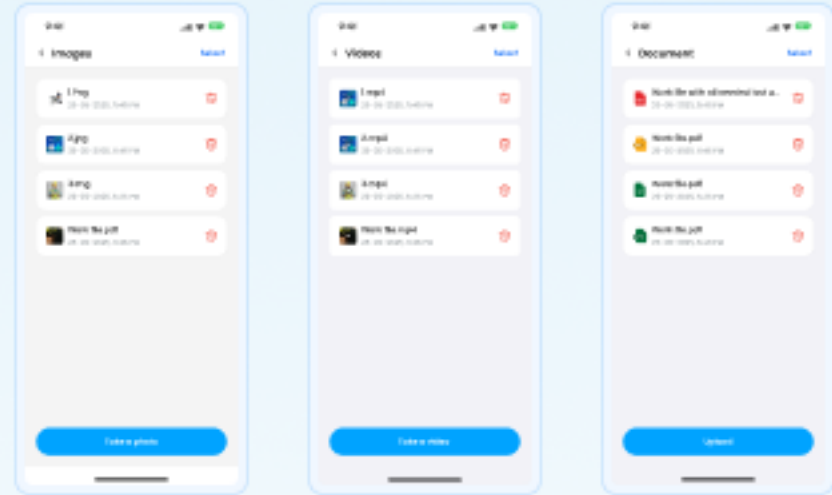
Problem

No reliable evidence that installation or repair work was completed correctly.



Solution

Submitting real-time photos, videos, and digital files from the assigned location verifies work completion.



04 Service & maintenance performance analysis

Problem

Inconsistent technician performance affects service quality.



Solution

Advanced performance reports help to improve service quality and technicians' efficiency.



05 Scheduled & preventive maintenance

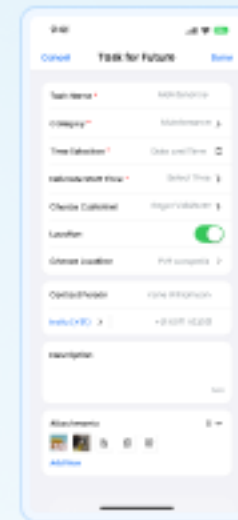
Problem

Neglecting regular maintenance leads to costly equipment breakdowns.



Solution

On-time service & maintenance scheduling prevents unplanned equipment failures.



06 Spare parts & inventory usage tracking

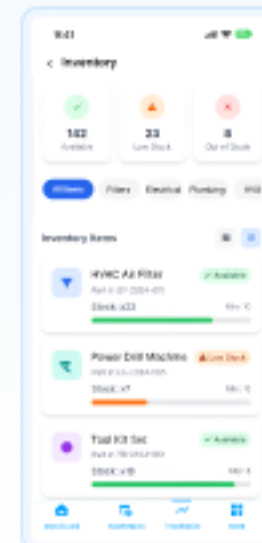
Problem

Lack of inventory availability after on-site fault detection delays service completion.



Solution

Real-time inventory tracking ensures parts are available, used, and logged on-site for timely service completion.



07 Client satisfaction feedback

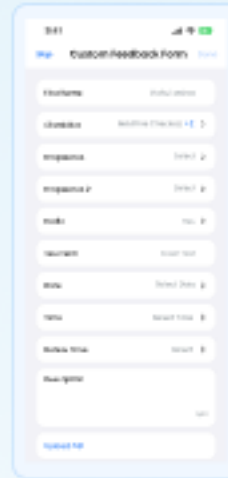
Problem

There is no confirmation that the customer has approved the work.



Solution

Digital signatures with custom feedback form ensure job transparency.



08 SLA compliance monitoring

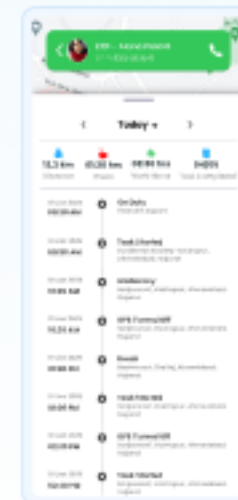
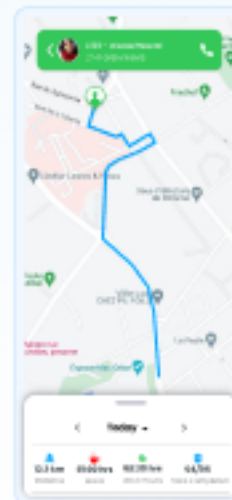
Problem

SLA commitments are missed due to unclear technician arrivals and work progress data.



Solution

Real-time technician updates ensure SLA compliance with on-time task completion.



09 Real-time communication & announcements

Problem

Technicians miss updates due to scattered messages, causing service delays, repeated trips, and costly errors.



Solution

Push announcements and internal chat ensure all technicians receive instant, centralised updates.



Result

From job assignment to completion, service operations are faster, verified, and more reliable.

28%

Reduction in false job completions and unverified service site visits.

35%

Improvement in on-time service completion and response time.

42%

Increase in reliability of customer asset servicing, with digital work proofs and maintenance records.

03

USE CASE

Delivery and courier services

Field staff working in the delivery and courier service sector face constant pressure to fulfill on-time deliveries and ensure client satisfaction. They are responsible for picking up, transporting, and delivering packages safely and on-time. To do all this effectively, they need an easy way to submit proof of delivery and task updates from the site. At the same time, managers also need a reliable delivery workforce management system for tracking agent locations, delivery updates, and service performance. Delivery service operations become reliable and transparent when every pickup and delivery is digitally recorded.



01 Pickup & delivery location verification

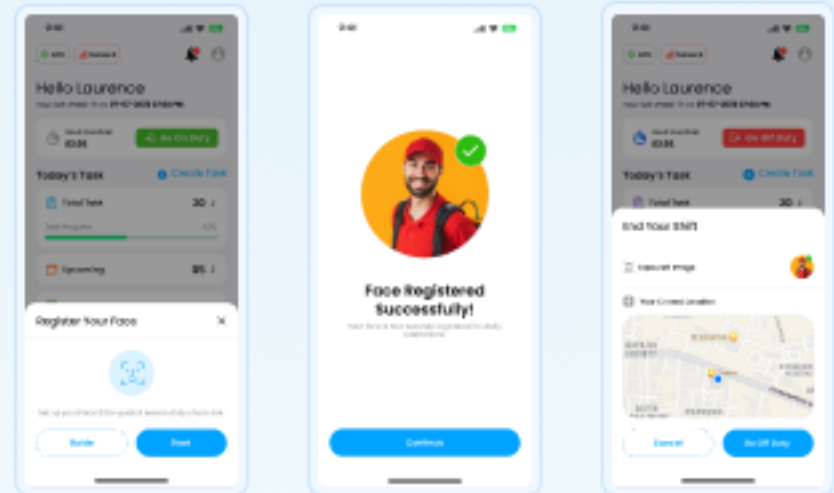
Problem

Delivery persons mark deliveries as complete even if they don't reach the exact location.



Solution

Face-scanned attendance at the assigned location; verifies actual pickup and deliveries.



02 Proof of delivery (POD)

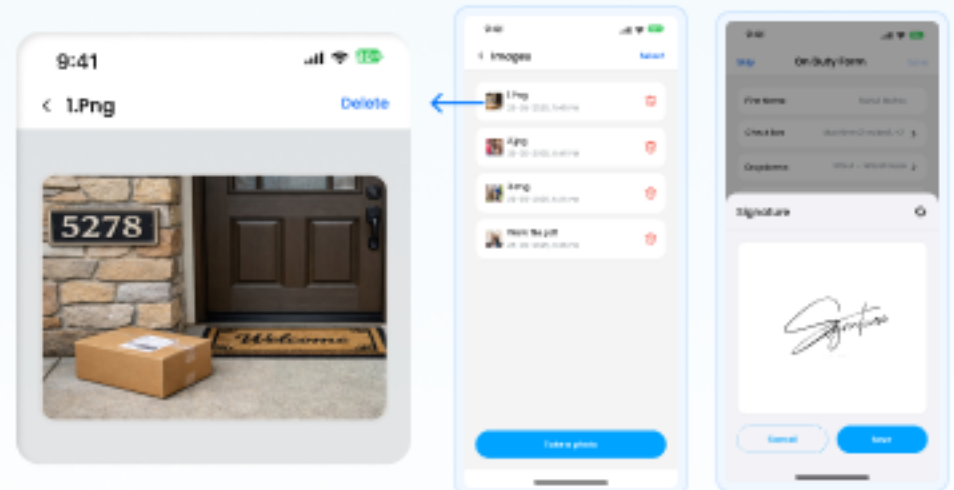
Problem

No clear proof that the parcel has been delivered to the right person.



Solution

On-site photo capture and digital signature act as proof of delivery.



03 Offline delivery service monitoring

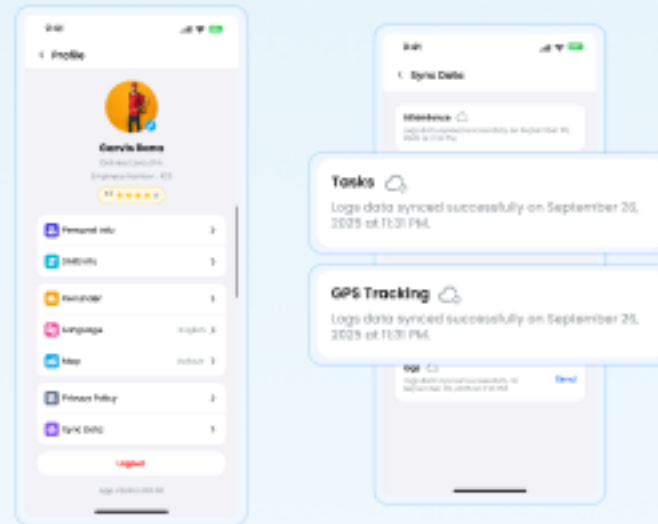
Problem

Delivery and courier updates cannot be recorded in low-internet connectivity areas.



Solution

Offline auto-syncing enables delivery updates and proof submission even with poor internet connectivity.



04 Delivery performance & on-time tracking

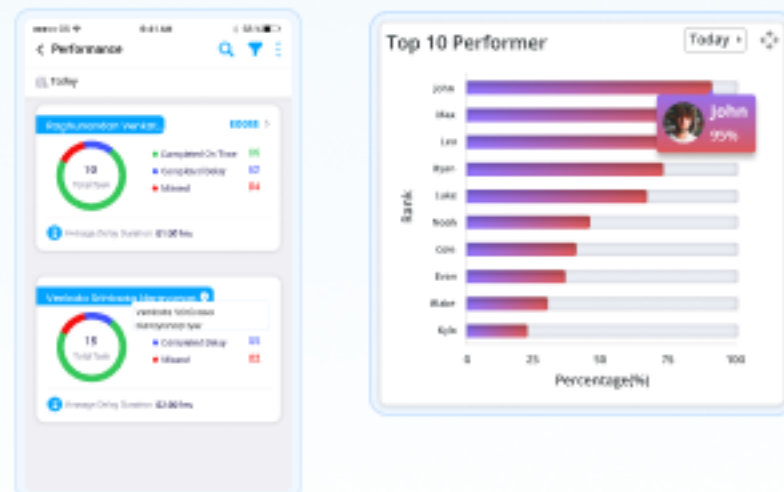
Problem

Managers cannot measure delivery persons' efficiency or on-time delivery performance.



Solution

Analyse delivery persons' work efficiency through advanced performance reports.



05 Emergency assistance for delivery staff

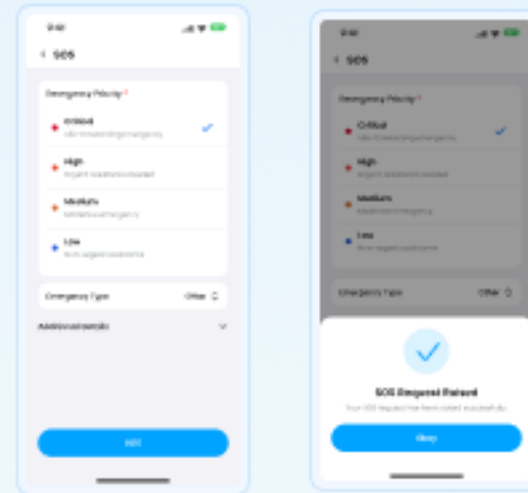
Problem

Delivery personnel can not notify their managers when they face risk or emergencies during delivery transit.



Solution

SOS alerts send instant location-based notifications to managers for fast response.



Result

Delivery operations become faster, verified, and completely transparent from pickup to final delivery.

30%

Reduction in fake delivery attempts and location mismatches.

36%

Improvement in on-time deliveries and service completion efficiency.

42%

Faster dispute resolution with real-time tracking and proof of delivery updates.

04

USE CASE

Security guard service providers

Security guards are responsible for protecting people, assets, and property across multiple locations. Providing an accurate report of daily activity and physical presence at the task location becomes impossible. Supervisors also struggle to maintain full visibility of their security personnel and offer immediate emergency assistance. Therefore, having a centralised security guard management system builds trust and increases the company's productivity. Without proper proof of work, it becomes difficult to verify their presence and daily activities.



01 Guard on-site visibility check

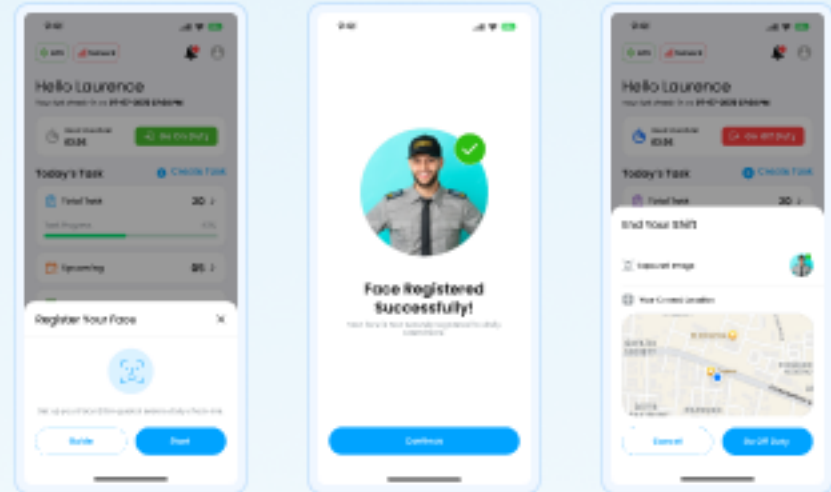
Problem

Guards often mark their attendance even though they are not on the site.



Solution

GPS location and face scan-based attendance verify guards' physical presence.



02 Patrolling inventory tracking

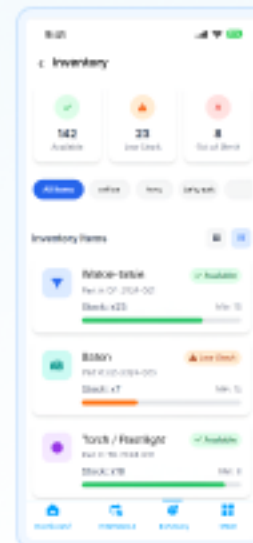
Problem

No accurate way to track patrol inventories, such as communication devices, safety gear, and access control equipment.



Solution

Real-time inventory tracking allows guards to track and request inventory while on-site.



03 Incident reporting & sos assistance

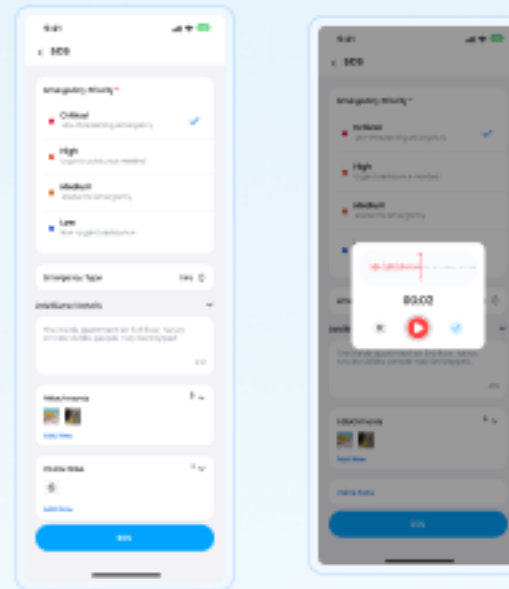
Problem

Incident reports are often delayed, incomplete, or lack visual evidence.



Solution

SOS alerts ensure rapid response, while guards report incidents using on-site proof.



04 Guard performance tracking

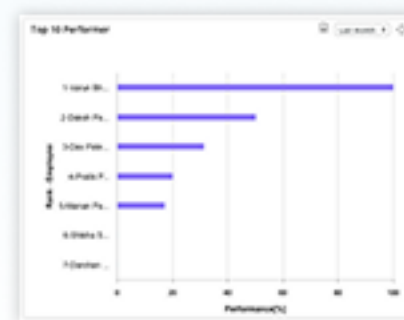
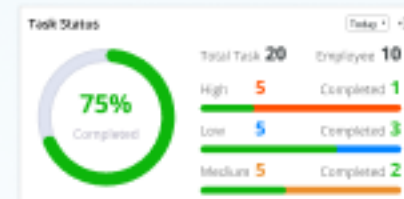
Problem

The guards' discipline, reliability, and service quality are analysed without accurate data.



Solution

Advanced performance reports provide clear insights into patrols and service performance.



05 Service level agreement compliance

Problem

Managers cannot track guards arriving on time at client sites, causing delays and SLA breaches.



Solution

Live patrol updates give visibility into guard activities and prevent SLA breaches.



Result

Security operations become visible, verified, and efficient with real-time proof and control.

25%

Reduction in false guard attendances and unverified site presence.

30%

Faster incident response and emergency assistance.

40%

Improvement in guard performance tracking and sla compliance.

05

USE CASE

Construction & real estate operations

Field employees in the real estate and construction sectors often work in high-risk, life-threatening environments. Due to large sites and properties, supervisors struggle to track and monitor daily tasks effectively. They also lack full visibility of work progress and material deliveries. Therefore, having a centralised construction workers & real estate agents management system is important to ensure increased safety, security, and efficiency.



01 Site attendance & work proof

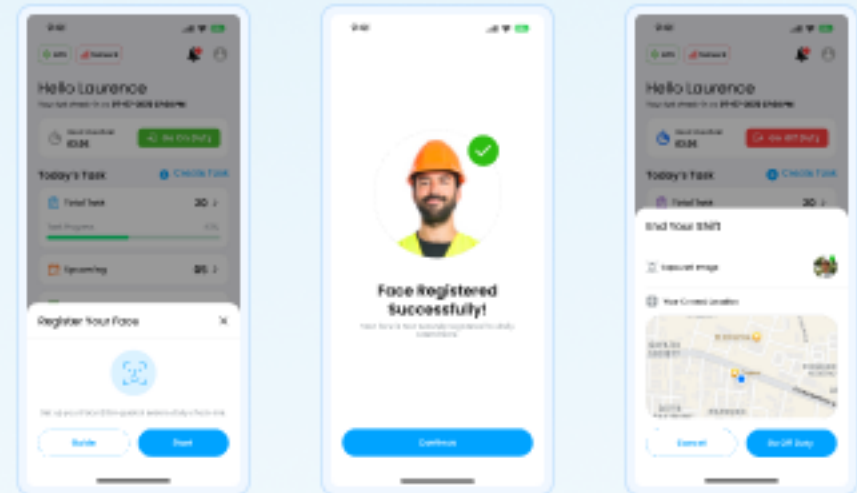
Problem

Workers mark attendance without reaching the real estate and construction sites.



Solution

Face-scanned attendance at the assigned location; verify on-site presence.



02 Daily work progress reporting

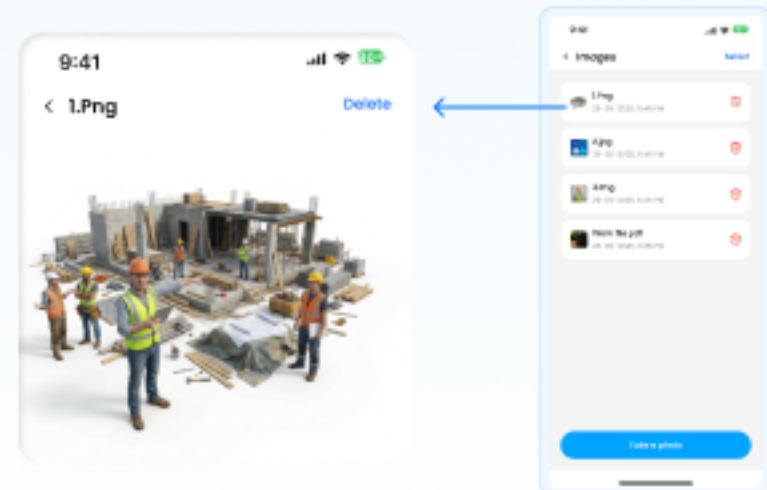
Problem

Real-estate supervisors and project managers often receive incomplete or delayed daily work progress updates.



Solution

Site staff upload real-time photos and task status updates from the mobile app.



03 Safety & security assistance

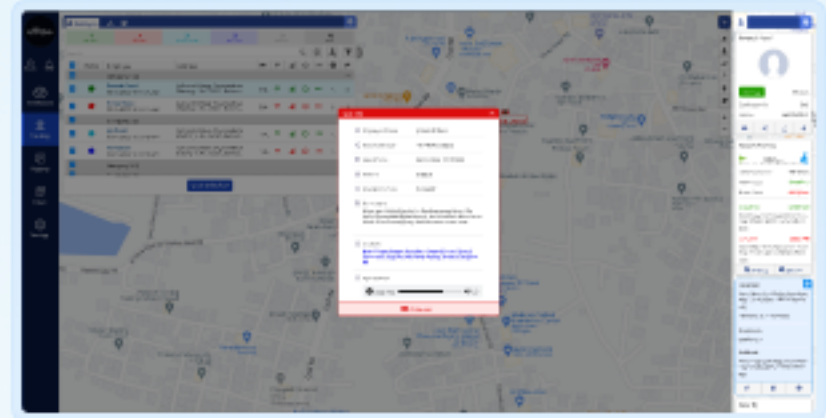
Problem

Workers cannot alert supervisors or request exit routes during safety emergencies or accidents.



Solution

SOS alerts instantly notify supervisors during worker emergencies with live location.



04 On-site work quality monitoring

Problem

Managers are unable to resolve work quality issues or accurately monitor worker performance.



Solution

Real-time performance monitoring helps managers inspect work quality and prevent repeated issues.



05 Workforce **shift management**

Problem

Supervisors cannot manage construction staff shifts efficiently across multiple sites.



Solution

Digital shift management tracks staff deployment and updates supervisors in real-time.



Result

Construction operations become safer, more organised, and fully transparent with real-time site visibility and work proof.

32%

Improvement in compliance with site protocols and quality checks.

45%

Faster issue resolution with real-time progress and quality updates.

52%

Improvement in worker safety with live safety announcements and sos assistance.

06

USE CASE

Banking, financial services, and insurance providers

Field agents in BFSI organizations work mostly outside the office on policies, onboarding, document collection, and compliance tasks. Since the majority of their work happens on the ground, they need a simple system that proves their visits, submissions, and service quality. Managers also need a reliable field financial agent management system to verify their field team activities. When there is a centralised and transparent view of the field team operations, client trust and business productivity increase.



01 Agent visit & work verification

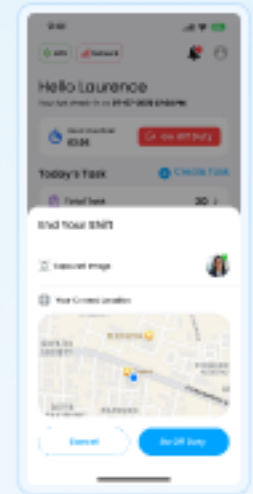
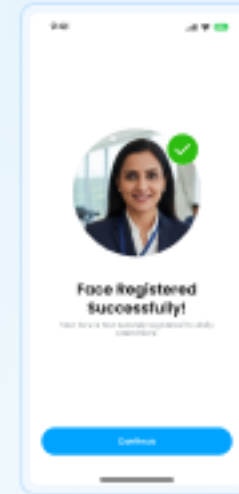
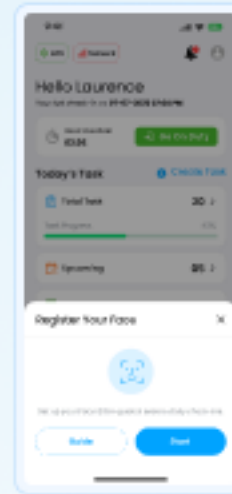
Problem

Agents report meetings or visits from outside the client's location.



Solution

GPS location and face scan-based attendance provide valid proof of every on-site client visit.



02 Policy & investment application tracking

Problem

Managers cannot track application progress across agent field visits.



Solution

Digital updates help managers track applications from field visits to submission.



03 Client document collection proof

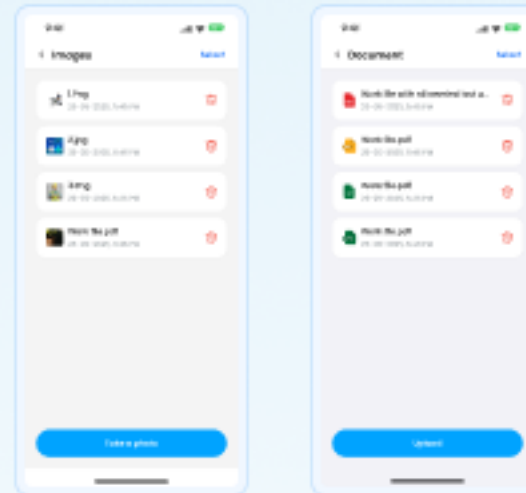
Problem

Collected documents are either missing, incomplete, or not properly verified.



Solution

Agents upload on-site photos of collected documents from their service location.



04 Agent performance monitoring

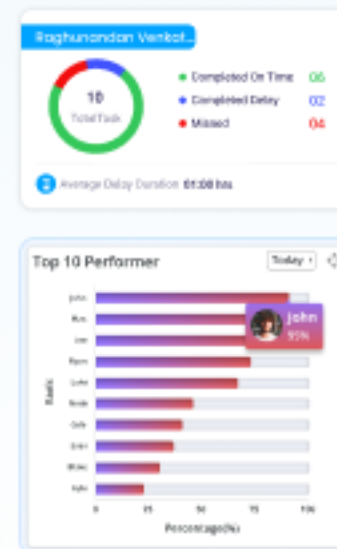
Problem

Agents' work performance is analysed without any accurate data.



Solution

Real-time performance reports track agent visits, work progress, and completion.



05 SLA compliance monitoring

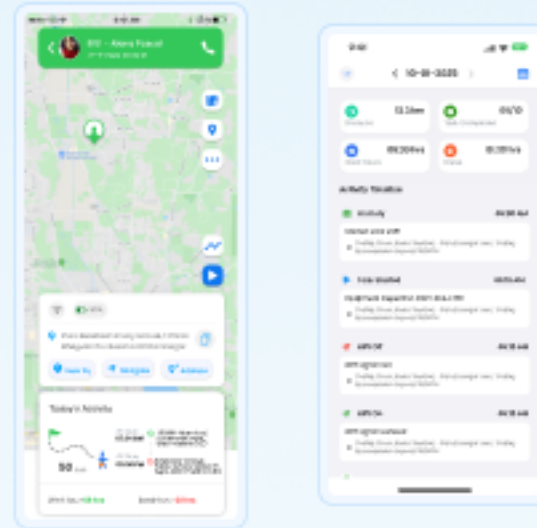
Problem

Delays in financial field visits lead to SLA breaches.



Solution

Live field visits monitoring reduces delays and SLA breaches.



Result

Financial field operations become trustworthy, verified, and completely transparent with digital proof at every step.

27%

Improvement in on-time customer follow-ups and engagement verification.

32%

Faster application processing with complete and accurate documentation.

38%

Improvement in sales performance tracking and audit compliance.

07

USE CASE

News & media field operations

Field reporting staff work in fast-paced and high-risk environments. They have to reach the location quickly, capture accurate content, and provide real-time updates from the ground to their reporting editors. At the same time, the editors also need a valid and accurate field reporters & media staff management system to gain real-time visibility, verify coverage, and ensure the safety of their reporters. Having a system that provides instant SOS notifications to the supervisors and even works in zero connectivity zones is essential for faster, safer, and more reliable news and media field task execution.



01 Reporter on-ground visibility check

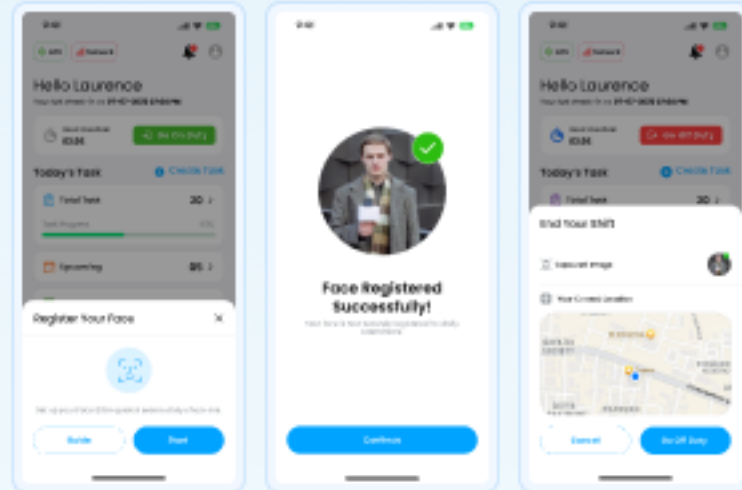
Problem

Reporters claim on-site coverage without actually being at the location.



Solution

Face-scanned attendance at the assigned location ensures reporters are physically present at the news site.



02 News visual proof submission

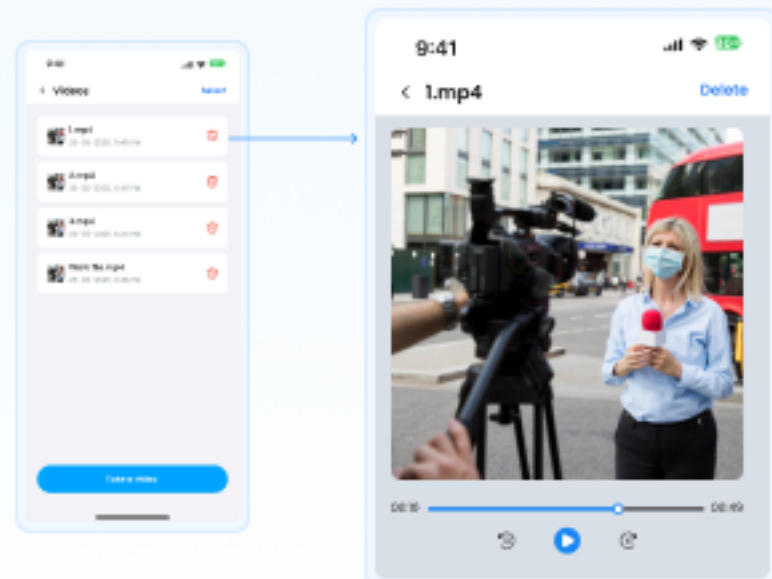
Problem

No way to verify when or where incident images were captured.



Solution

On-site and real-time news coverage uploads ensure content validity.



03 Equipment usage & return confirmation

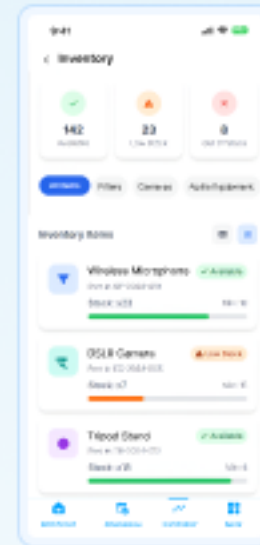
Problem

Managers can't see which cameras and gear reporters use during the task.



Solution

Real-time digital equipment submission and work image captures provide transparency.



04 Offline news data capturing

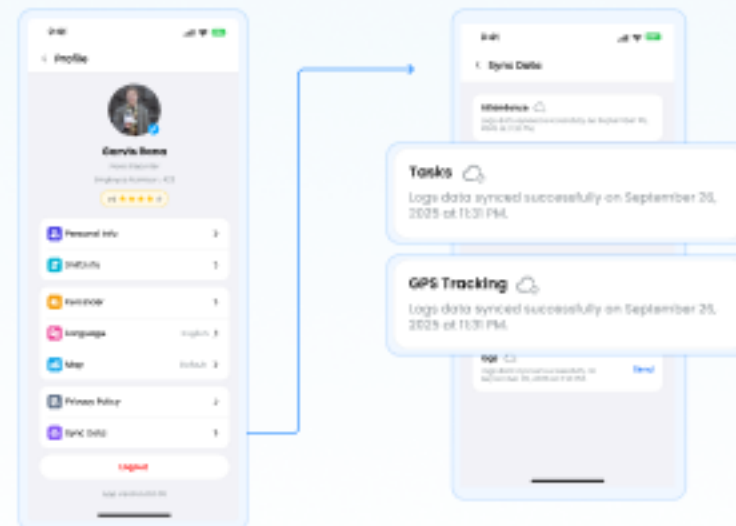
Problem

Reporters cannot update real-time task status in areas with poor or no network.



Solution

On-site task related data syncs automatically when the network is available.



05 SOS emergency assistance

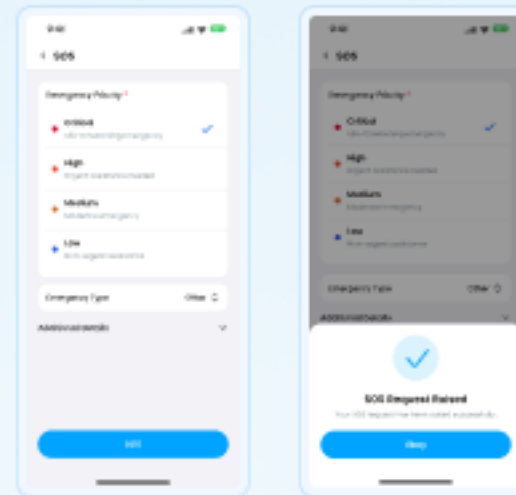
Problem

Reporters perform field coverage in risky situations with no way to seek help.



Solution

SOS button lets reporters alert editors with live location during emergencies.



Result

News field operations become faster, safer, and fully verified with real-time visibility and immediate emergency support.

32%

Reduction in false reporting and unverified ground coverage.

44%

Faster response time to breaking news and critical events.

53%

Improvement in reporter safety with sos alerts and live location tracking.

Construction & Infrastructure











Why construction is a great market for you

Construction and infrastructure projects run on tight timelines, heavy equipment, and high capital investment. Any delay, misuse, or lack of visibility directly impacts project cost and delivery. The Infrastructure Construction Market size is estimated at USD 3.82 trillion in 2025, and is expected to reach USD 5.18 trillion by 2030, at a CAGR of 6.30% during the forecast period (2025-2030).



Source: <https://www.mordorintelligence.com/industry-reports/infrastructure-construction-market>

Key problems you can solve

-  No real-time visibility of vehicles and machinery
-  Vehicle misuse or unauthorized movement
-  No data to justify project timelines or costs
-  Limited safety monitoring on large sites
-  Difficulty tracking work hours of assets
-  Delays due to poor coordination
-  High idle time of expensive machines
-  Fuel theft on sites

What you can offer with Uffizio



Live fleet & equipment tracking across multiple sites



Usage-based maintenance & service alerts



Fuel consumption monitoring



Geofence-based site entry and exit tracking



Data-driven insights for cost & productivity control



Vehicle health monitoring for all assets



Idle-time fuel wastage analysis at sites and plants

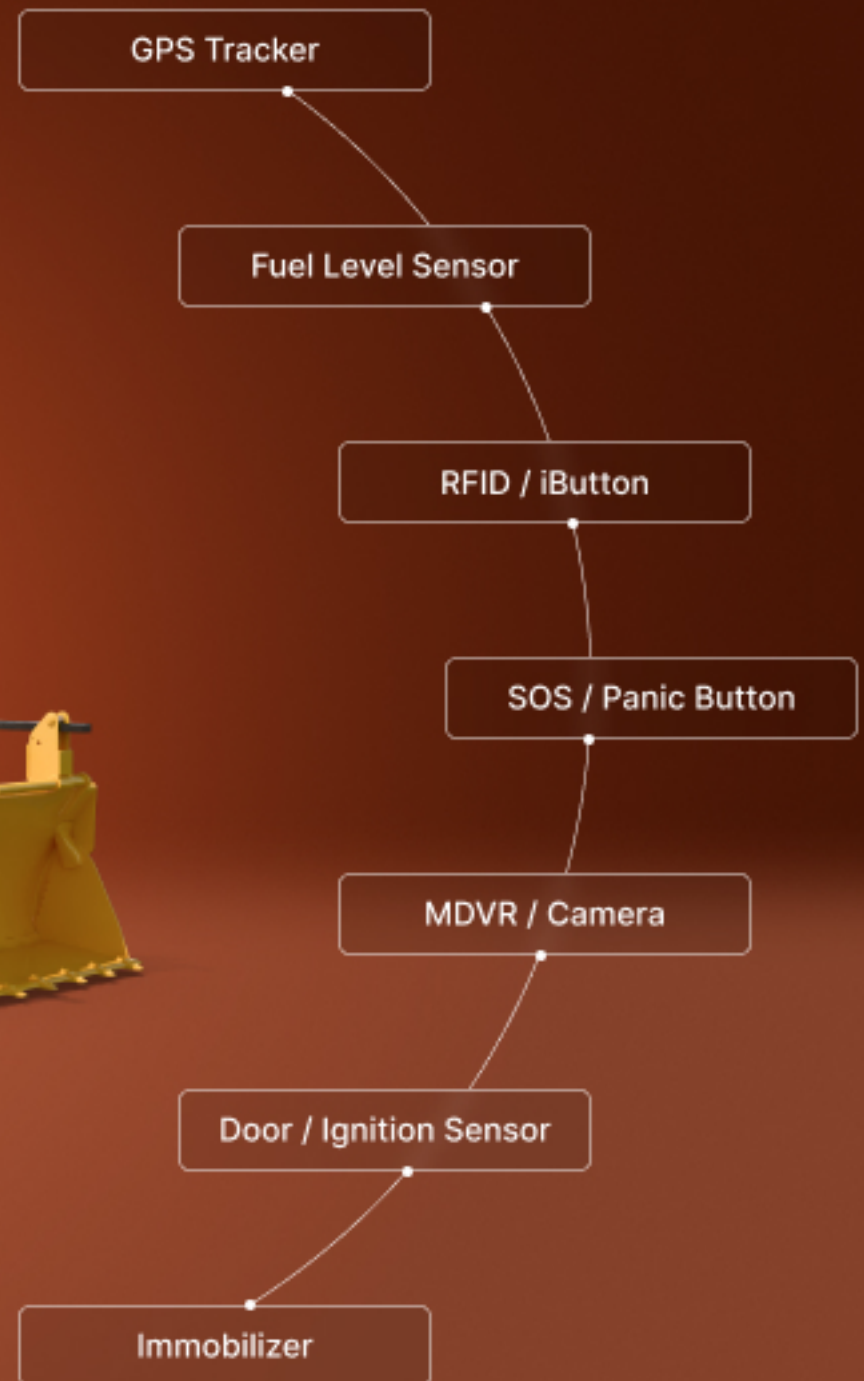


RPM monitoring for heavy vehicles and machinery

Benefits that help you close deals faster

- ✓ Clear project visibility from day one
- ✓ Reduced dependency on manual reporting
- ✓ Better control over contractors and vendors
- ✓ Improved equipment utilisation
- ✓ Lower operational risk and fewer surprises
- ✓ Audit-ready data for compliance and billing
- ✓ Easy scalability across new sites and projects

Hardware used in this Industry



01

USE CASE

Heavy equipment utilization & idle control

Heavy construction equipment such as excavators, loaders, and dumpers represents a major investment for construction companies. These assets are expected to deliver consistent output across multiple sites and shifts. This use case focuses on how construction teams can gain accurate insight into equipment utilization, idle time, fuel usage, and movement across sites, enabling better planning, controlled operations, and improved productivity.



01 Low utilization of heavy equipment

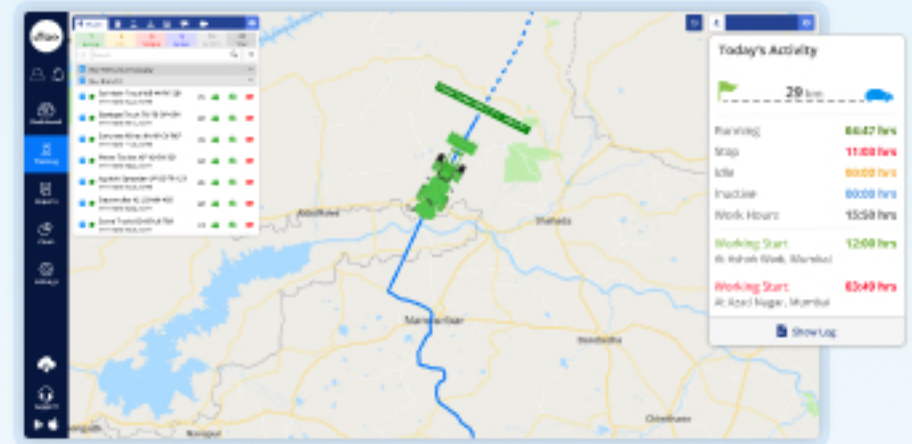
Problem

Equipment like excavators, loaders, and dumpers remain underused without clear visibility.



Solution

Equipment utilization tracking showing active vs idle hours.



02 Fuel consumed without productive vehicle usage

Problem

Fuel is consumed even when vehicle is not delivering productive output.



Solution

Fuel consumption mapped with vehicle activity and running hours.



03 Unplanned breakdowns due to reactive maintenance

Problem

Maintenance is done only after vehicle fails.



Solution

Maintenance alerts trigger based on vehicle running hours to prevent breakdowns.



04 No visibility into equipment movement between sites

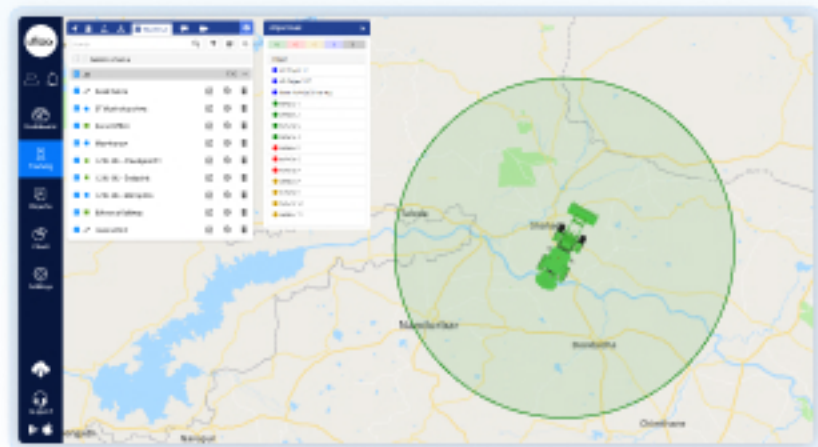
Problem

Vehicle movement between sites is poorly tracked.



Solution

Live tracking with site-wise view of vehicle location.



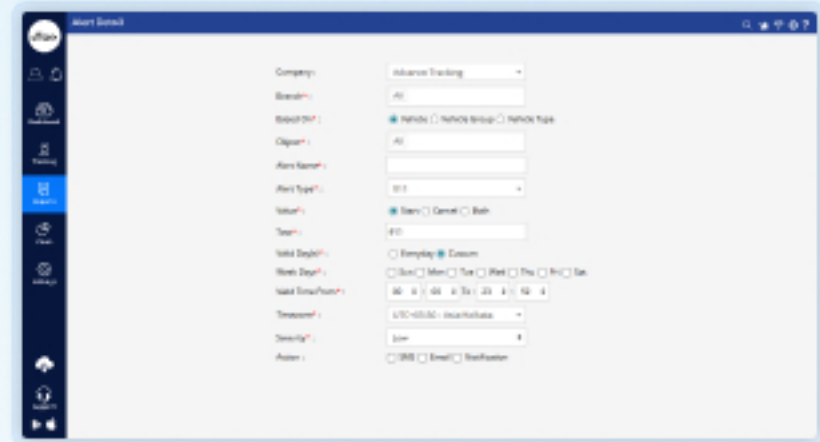
09 Equipment used outside approved working hours

Problem

Vehicle is operated beyond approved shifts or without authorization.

Solution

Set customized working hours and system sends alerts when a vehicle is used outside those hours.



Result

Clear utilization data helps construction teams reduce idle cost, improve productivity, and extend equipment life.

29.1%

Improvement in heavy equipment utilization

24.7%

Reduction in idle operating hours

21.6%

Decrease in unplanned equipment downtime

02

USE CASE

Fuel theft & consumption control

Fuel is one of the largest and most sensitive operating costs in construction projects. Heavy vehicles and machinery run for long hours across open sites, making fuel usage difficult to monitor and even harder to control. Small inefficiencies, if left unchecked, quickly turn into significant cost leakage across projects. This use case focuses on how construction teams can gain complete visibility into fuel consumption, engine behavior, and cost-creating activities



01 Uncontrolled fuel consumption on sites

Problem

Fuel usage increases due to idling, inefficient movement, due to lack of visibility.



Solution

Fuel consumption monitoring report showing vehicle-wise fuel consumption and wastage.



02 Fuel loss due to wastage and theft

Problem

Fuel is stolen from vehicles at construction sites without being noticed.



Solution

Fuel monitoring detects sudden fuel drops and sends instant alerts to show when and when theft occurred.



03 Improper engine usage in heavy vehicles

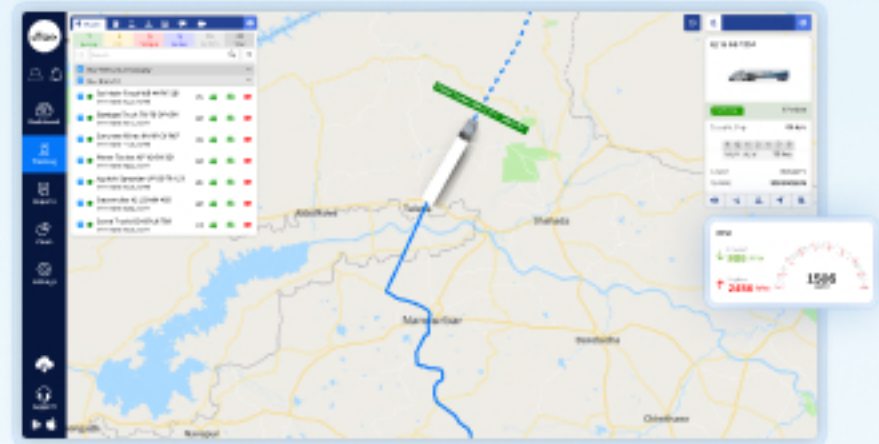
Problem

Drivers operate vehicles at high or low RPM, causing engine stress and higher maintenance cost.



Solution

Engine RPM monitoring with over-RPM and under-RPM alerts.



04 No alerts for cost-creating behavior

Problem

Fuel costs increase because long idling and harsh driving go unnoticed.



Solution

Instant alerts notify teams about excessive idling and harsh driving. It helps reduce fuel waste and control costs.



05 No clarity on cost leakage across projects

Problem

Management lacks data to identify which vehicles or sites cause higher operating costs.



Solution

Project-wise and vehicle-wise cost analysis reports combining fuel, idle time, and RPM data.

Vehicle	Project	Engine	Idle	Idle %	Idle Time	Idle Cost	Idle Fuel	Idle RPM	Idle Hours	Idle Miles	Idle Gallons	Idle Cost/Gallon	Idle Hours/Gallon	Idle Miles/Gallon
Excavator	Project A	Engine 1	100	15%	1500	\$150	100	1500	15	150	100	\$1.50	10	15
Excavator	Project B	Engine 2	100	10%	1000	\$100	70	1000	10	100	70	\$1.43	7	10
Excavator	Project C	Engine 3	100	20%	2000	\$200	140	2000	20	200	140	\$1.43	14	20
Excavator	Project D	Engine 4	100	12%	1200	\$120	80	1200	12	120	80	\$1.50	8	12
Excavator	Project E	Engine 5	100	18%	1800	\$180	130	1800	18	180	130	\$1.38	13	18
Excavator	Project F	Engine 6	100	14%	1400	\$140	100	1400	14	140	100	\$1.40	10	14
Excavator	Project G	Engine 7	100	16%	1600	\$160	110	1600	16	160	110	\$1.45	11	16
Excavator	Project H	Engine 8	100	11%	1100	\$110	75	1100	11	110	75	\$1.47	7.5	11
Excavator	Project I	Engine 9	100	13%	1300	\$130	90	1300	13	130	90	\$1.44	9	13
Excavator	Project J	Engine 10	100	17%	1700	\$170	120	1700	17	170	120	\$1.42	12	17

Result

Fuel and engine behavior visibility helps construction teams control daily operating costs and extend vehicle life.

24.6%

Reduction in idle-related fuel wastage

21.3%

Improvement in fuel efficiency across construction vehicles

17.9%

Reduction in engine-related maintenance issues

03

USE CASE

Material movement & dump truck monitoring

Material movement is a critical link in construction and infrastructure projects. Dump trucks transport sand, soil, aggregates, and debris between plants, dump yards, and project sites. Any delay, loss, or mismanagement in this movement directly impacts project timelines, costs, and site productivity. This use case focuses on how construction teams can gain complete visibility and control over dump truck movement, material flow, and trip accuracy



01 No visibility of dump truck movement

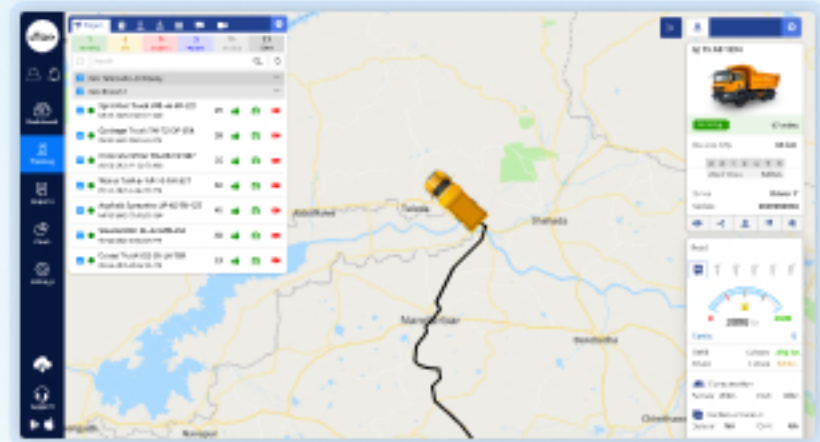
Problem

Teams don't know where dump trucks are once material dispatch begins.



Solution

Live tracking shows the real-time location of dump trucks along with their route.



02 Delays in material supply to sites

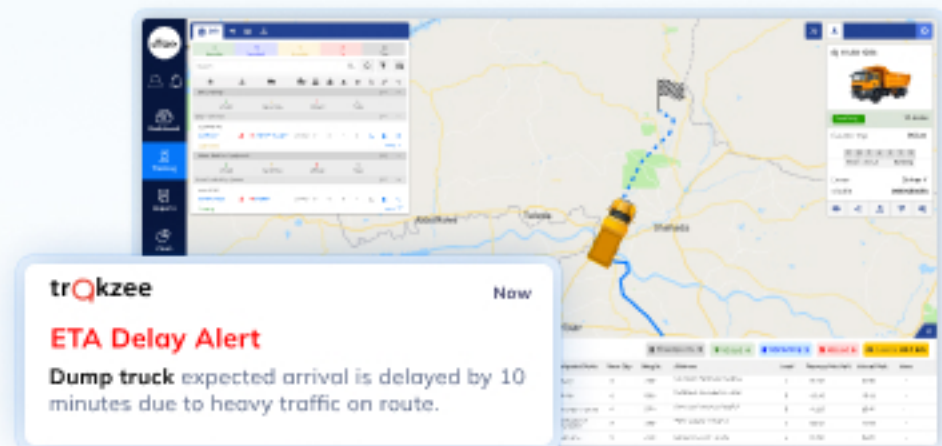
Problem

Late arrival of dump trucks causes work stoppage.



Solution

Trip monitoring with ETA updates and delay alerts.



03 Overloading & material loss

Problem

Dump trucks are overloaded or material is lost during transit, with no visibility.



Solution

Load monitoring with alerts and trip-wise load reports.



Load	
 Overweight	
Current Load	10.5 Ton
Load Capacity	10 Ton
Difference	0.5 Ton

04 No proof of loading and unloading activity

Problem

No confirmation of when trucks reached loading or unloading points.



Solution

Geofences at loading and unloading points automatically record truck entry and exit times.



05 Unclear trip count & contractor billing

Problem

Manual trip counting leads to billing disputes.



Solution

System generated trip count reports with route playback for accurate billing.

A screenshot of a software interface displaying a detailed trip count report. The interface has a dark blue sidebar on the left with navigation icons. The main content area shows a table with columns for 'Date', 'Time', 'Location', 'Status', 'Trip Count', 'Route Playback', and 'Billing'. The table contains several rows of data, with some rows highlighted in orange. The interface also includes a search bar at the top right and a play button icon at the bottom left.

Result

Better control over dump truck movement and load handling improves material accuracy, safety, and project efficiency.

28.4%

Reduction in overloading incidents

24.1%

Improvement in on-time material availability

22.6%

Decrease in material related disputes

04

USE CASE

Project progress visibility & daily work validation

Construction projects involve multiple sites, vehicles, and teams working simultaneously. Keeping track of what actually happens on the ground on a daily basis is one of the biggest challenges for project managers and leadership teams. This use case focuses on how construction teams can gain real-time and day-wise visibility into site activity, vehicle movement, and completed work



01 No clarity on daily work progress

Problem

Teams don't know which vehicles were active or how much work was completed each day.

Solution

Live dashboards show active vehicles and completed trips for clear daily progress visibility.



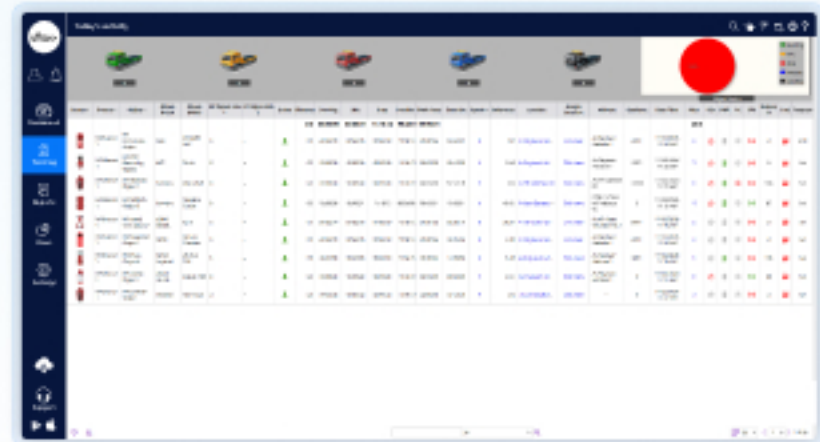
02 Dependence on manual site updates

Problem

Vehicle activity at sites is tracked through phone calls and manual reports, leading to inconsistent updates.

Solution

Activity reports are generated from vehicle movement and completed trips.



03 No validation of planned vs actual work

Problem

Planned work is approved, but actual execution is not verified.



Solution

Comparison of planned trips vs completed trips using trip reports.

Job Name	Est. Cost	Planned Start Time	Actual Start Time	Est. Duration	Actual Duration	Planned End Time	Actual End Time	Est. % Complete	Actual % Complete	Est. Status	Actual Status
Job 1	\$100,000	10/01/2024	10/01/2024	10:00	10:00	10/01/2024	10/01/2024	100%	100%	Completed	Completed
Job 2	\$200,000	10/01/2024	10/01/2024	20:00	20:00	10/01/2024	10/01/2024	100%	100%	Completed	Completed
Job 3	\$300,000	10/01/2024	10/01/2024	30:00	30:00	10/01/2024	10/01/2024	100%	100%	Completed	Completed
Job 4	\$400,000	10/01/2024	10/01/2024	40:00	40:00	10/01/2024	10/01/2024	100%	100%	Completed	Completed
Job 5	\$500,000	10/01/2024	10/01/2024	50:00	50:00	10/01/2024	10/01/2024	100%	100%	Completed	Completed

04 Delayed visibility of site performance

Problem

Project delays and site-level issues are identified late due to lack of daily data.



Solution

Exportable reports showing daily activity, movement, and progress.

Activity	Equipment	Operator	Start Time	End Time	Duration	Distance	Volume	Status	Notes
Excavation	Excavator	John	10/01/2024 08:00	10/01/2024 10:00	2:00	100m	500m³	Completed	Excavated area for foundation.
Grading	Grader	Jane	10/01/2024 09:00	10/01/2024 11:00	2:00	200m	1000m³	In Progress	Grading level 1.5m.
Material Transport	Truck	Mike	10/01/2024 07:00	10/01/2024 09:00	2:00	500m	2000m³	Completed	Delivered materials to site.
Site Cleanup	Truck	Sarah	10/01/2024 11:00	10/01/2024 13:00	2:00	100m	500m³	In Progress	Cleaning up debris.

05 No early warning before site-level delays happen

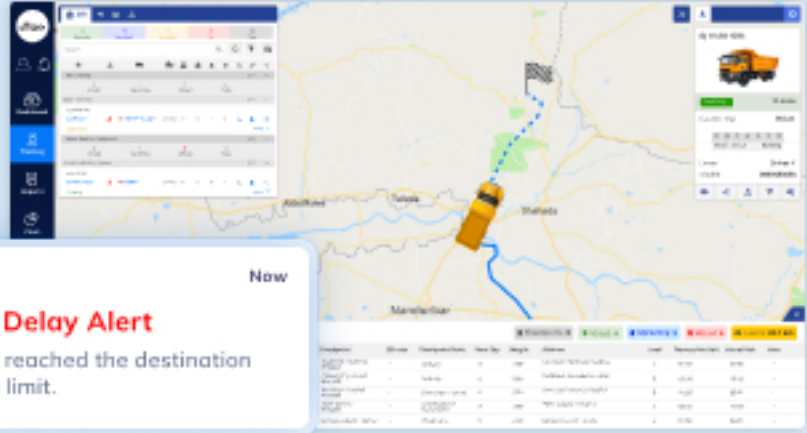
Problem

Project teams come to know about delays only after work is already affected.



Solution

Rule-based alerts for low activity, missed trips, or delayed movement at sites.



trQzee Now

Base Location Delay Alert

The object has not reached the destination within the set time limit.

Object	Destination	Start	End	Status	Distance	Time	Speed	Acceleration	Deceleration
Object 1	Destination 1	Start 1	End 1	Completed	Distance 1	Time 1	Speed 1	Acceleration 1	Deceleration 1
Object 2	Destination 2	Start 2	End 2	In Progress	Distance 2	Time 2	Speed 2	Acceleration 2	Deceleration 2
Object 3	Destination 3	Start 3	End 3	Completed	Distance 3	Time 3	Speed 3	Acceleration 3	Deceleration 3
Object 4	Destination 4	Start 4	End 4	In Progress	Distance 4	Time 4	Speed 4	Acceleration 4	Deceleration 4
Object 5	Destination 5	Start 5	End 5	Completed	Distance 5	Time 5	Speed 5	Acceleration 5	Deceleration 5

Result

Clear daily progress visibility helps construction teams stay on schedule and take faster corrective action.

27.8%

Improvement in project progress visibility

23.1%

Faster identification of delayed or inactive sites

21.4%

Reduction in dependency on manual site reporting

Agriculture Industry











Why this industry is a strong opportunity for you

In agriculture, moving seeds and fertilizers on time is very important. Machines and vehicles also need to be tracked, especially during harvest season. Since farms are in remote areas with less supervision, it is hard to manage everything smoothly. This creates delays, losses, and a strong need for better monitoring solutions.

Source: <https://www.mordorintelligence.com/industry-reports/agriculture-analytics-market>



Key problems you can solve

-  No visibility of tractors and farm machinery
-  Misuse of farm equipment for non-farm work
-  Inaccurate measurement of land covered
-  No record of actual working hours
-  High fuel consumption
-  Frequent equipment breakdowns during critical periods
-  Difficulty managing operations in remote rural areas
-  Tyre wear and sudden tyre failures during peak season

What you can offer with **Uffizio**



Live tracking of tractors and farm vehicles



Geo-fencing for farms and work zones



Fuel monitoring and consumption analysis



Area measurement (field coverage tracking)



Work-hour tracking for farm machinery



RPM monitoring for equipment health



Equipment utilization tracking



Tyre Health & Pressure Monitoring

Key benefits that help close deals faster

- ✓ Clear visibility across farms and fields
- ✓ Reduced misuse of agricultural machinery
- ✓ Better fuel and cost control
- ✓ Timely delivery of farm inputs
- ✓ Smooth harvest-time operations
- ✓ Audit-ready operational data

Hardware used in this Industry



01

USE CASE

Daily tractor & farm equipment operations

In daily farming operations, tractors and farm equipment are used across large fields and villages with minimal supervision.

This use case shows how Uffizio helps bring visibility, control, and accuracy to daily tractor and equipment usage.



01 Tractor moves into the field

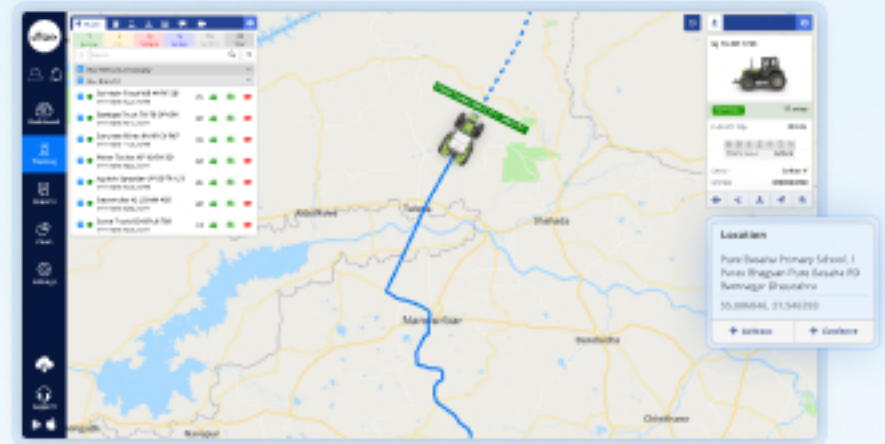
Problem

No real-time visibility of tractor location.



Solution

Live GPS tracking shows exact tractor movement.



02 Vehicle used outside assigned areas

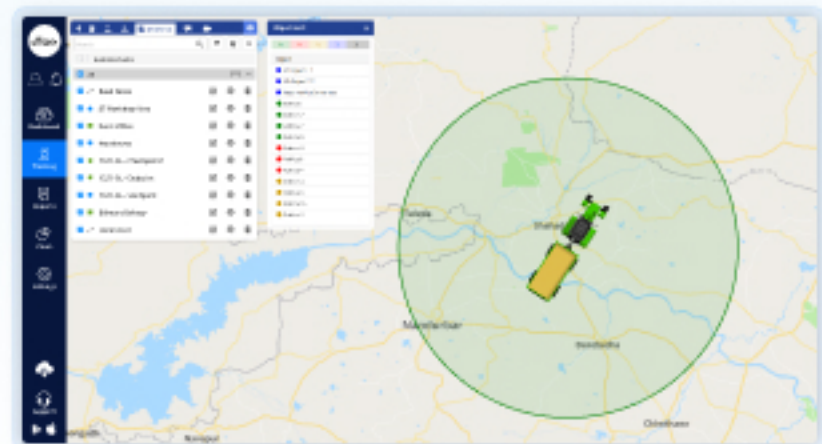
Problem

Tractors are misused for non-approved work.



Solution

Geo-fencing restricts usage to assigned fields.



03 Actual working hours unknown

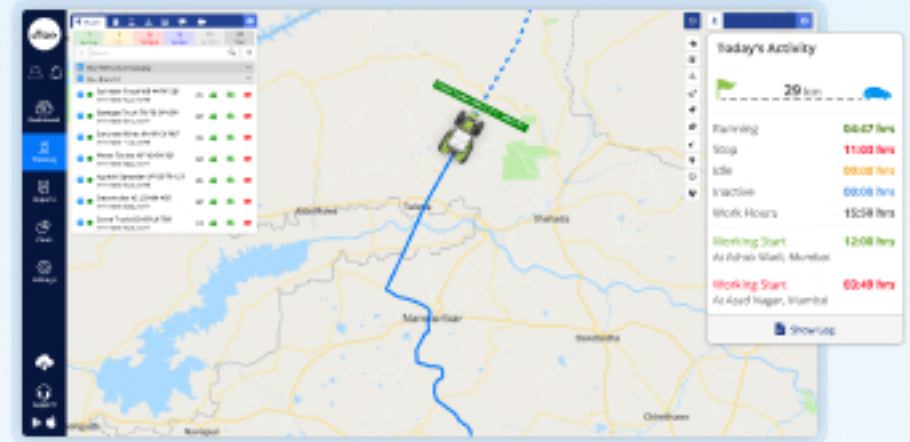
Problem

No clarity on productive vs idle hours.



Solution

Work-hour tracking records real engine usage.



04 Disputes over land covered

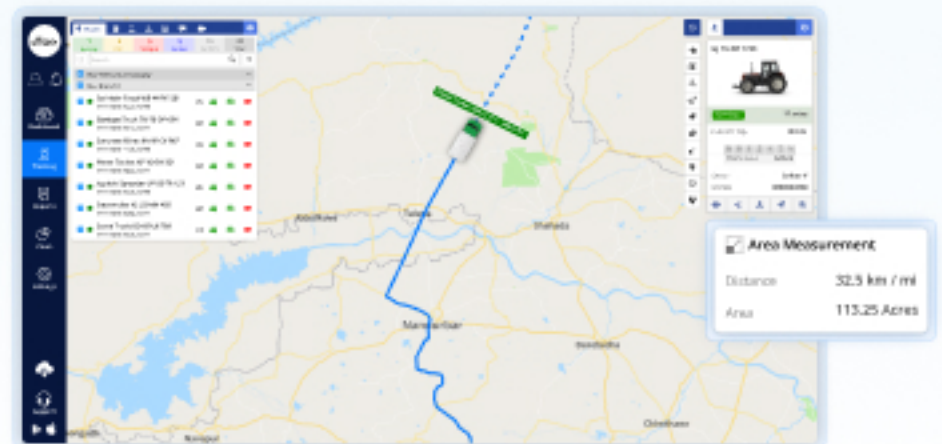
Problem

Manual area calculations are inaccurate.



Solution

Area measurement captures exact field coverage.



05 Fuel consumption visibility

Problem

No clear view of fuel usage during daily farm operations.



Solution

The fuel dashboard shows vehicle-wise fuel usage and sudden fuel drops.



06 Tyre stress during harvest operations

Problem

Heavy loads and rough field terrain cause sudden tyre failures, leading to harvest delays.



Solution

TPMS continuously monitors tyre pressure and temperature and sends instant alerts for abnormal conditions



07 Rough handling of vehicles

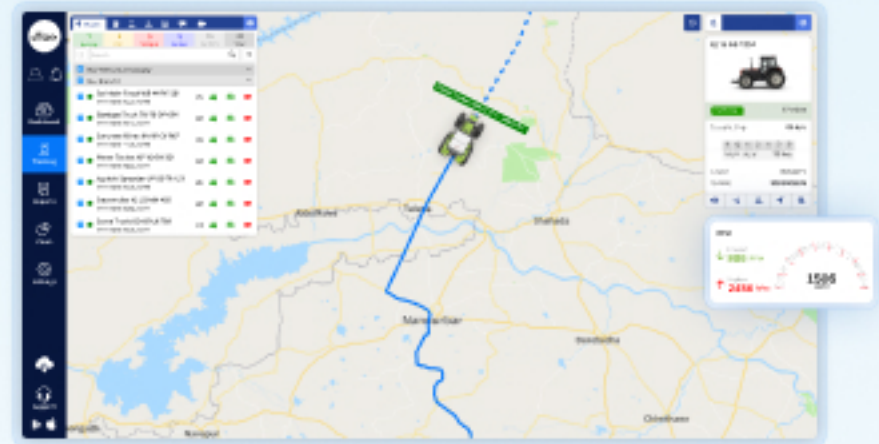
Problem

Vehicles are run at very high engine speed, causing equipment damage.



Solution

RPM monitoring detects harsh machine usage and alerts when the usage is pushed beyond safety limits.



08 No record of daily farm jobs

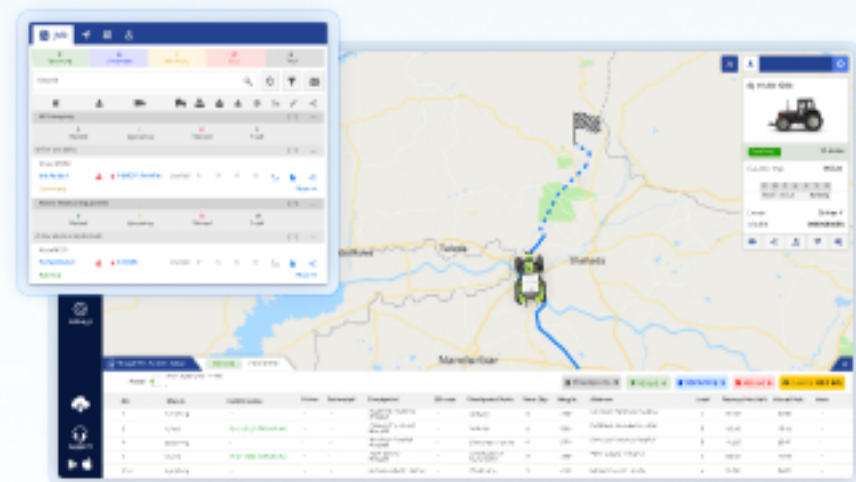
Problem

Tasks are tracked manually or forgotten.



Solution

Job tracking logs each farm activity automatically.



09 Manual reporting and guesswork

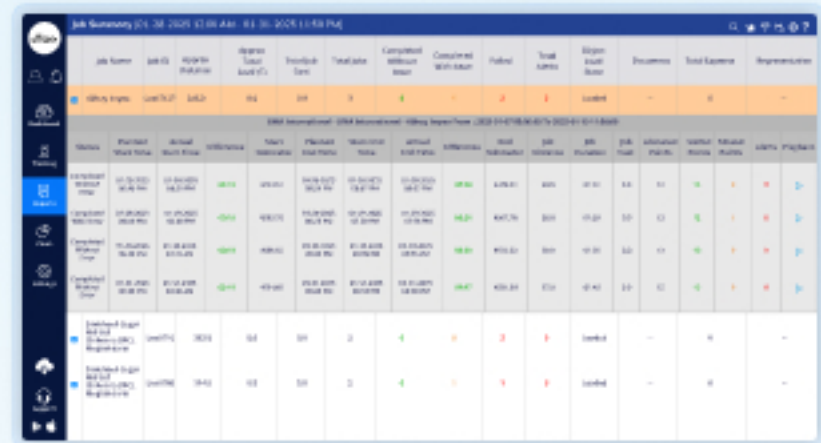
Problem

No reliable data for review or audits.



Solution

Job Summary Reports and Object Job Summary Reports show completed jobs, time taken, and work details.



Job Name	Job ID	Operator	Register	Fuel	Total Area	Completion	Completion	Fuel	Total Area	Register	Documents	Total Expense	Registration
Job 1	12345	John	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Job 2	12346	Jane	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Job 3	12347	John	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Job 4	12348	Jane	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Job 5	12349	John	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Job 6	12350	Jane	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

Result

Clear visibility and accurate measurement across daily farm operations.



Reduction in tractor misuse



Improvement in vehicle utilization



Accurate land coverage data for billing and audits

02

USE CASE

Harvest season logistics management

Harvest season is time-critical. Delays in moving crops from fields to storage or markets can cause losses and chaos.

This use case shows how Uffizio ensures smooth, timely harvest-time transportation.



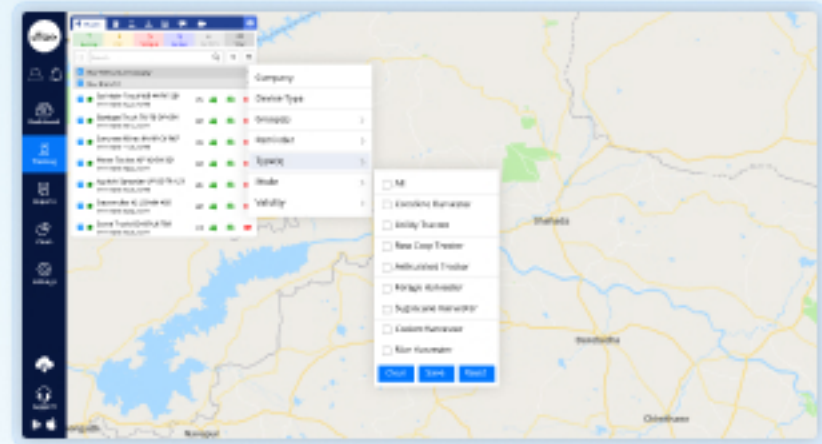
01 Harvest vehicles start operations

Problem

No visibility of multiple vehicles.

Solution

Live tracking shows all active harvest vehicles.



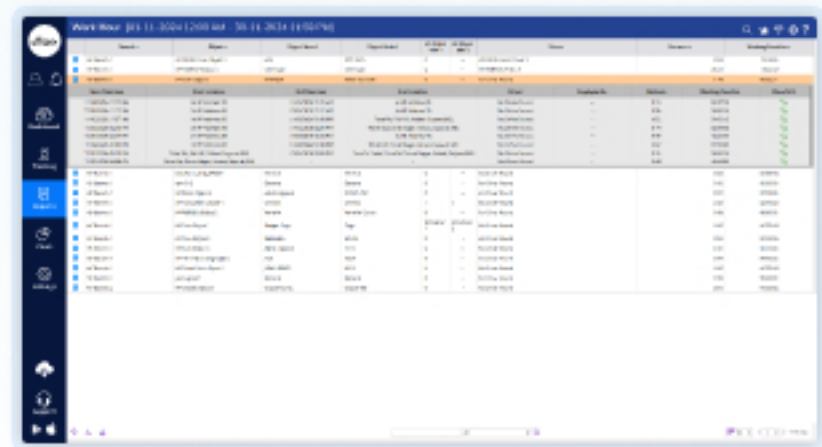
02 Delays in crop transportation

Problem

There is no clear record of how long vehicles work in the field.

Solution

The Work Hour Summary Report shows actual working hours and movement time, helping teams identify delays



05 Overworked vehicles and breakdowns

Problem

Vehicles are used continuously without proper rest, leading to overuse and breakdowns.



Solution

Work-hour and RPM reports show how long and how hard each machine is used, helping to avoid overuse.



Date	Date From	Date To	Operator	Hours	...	...	...	...	...
11/01/2024	11/01/2024	11/01/2024	John Doe	8	...	...	...	...	...
11/02/2024	11/02/2024	11/02/2024	Jane Smith	6	...	...	...	...	...
11/03/2024	11/03/2024	11/03/2024	Mike Johnson	7	...	...	...	...	...
11/04/2024	11/04/2024	11/04/2024	Sarah Lee	5	...	...	...	...	...
11/05/2024	11/05/2024	11/05/2024	David Kim	9	...	...	...	...	...
11/06/2024	11/06/2024	11/06/2024	Emily White	6	...	...	...	...	...
11/07/2024	11/07/2024	11/07/2024	Chris Brown	8	...	...	...	...	...
11/08/2024	11/08/2024	11/08/2024	Alex Green	7	...	...	...	...	...
11/09/2024	11/09/2024	11/09/2024	Mia Black	6	...	...	...	...	...
11/10/2024	11/10/2024	11/10/2024	Noah Grey	8	...	...	...	...	...
11/11/2024	11/11/2024	11/11/2024	Olivia Blue	7	...	...	...	...	...
11/12/2024	11/12/2024	11/12/2024	Liam Red	6	...	...	...	...	...
11/13/2024	11/13/2024	11/13/2024	Ava Purple	8	...	...	...	...	...
11/14/2024	11/14/2024	11/14/2024	Ethan Yellow	7	...	...	...	...	...
11/15/2024	11/15/2024	11/15/2024	Sophia Pink	6	...	...	...	...	...
11/16/2024	11/16/2024	11/16/2024	Lucas Orange	8	...	...	...	...	...
11/17/2024	11/17/2024	11/17/2024	Isabella Green	7	...	...	...	...	...
11/18/2024	11/18/2024	11/18/2024	Mason Blue	6	...	...	...	...	...
11/19/2024	11/19/2024	11/19/2024	Charlotte Red	8	...	...	...	...	...
11/20/2024	11/20/2024	11/20/2024	Benjamin Purple	7	...	...	...	...	...
11/21/2024	11/21/2024	11/21/2024	Abigail Yellow	6	...	...	...	...	...
11/22/2024	11/22/2024	11/22/2024	Isaac Orange	8	...	...	...	...	...
11/23/2024	11/23/2024	11/23/2024	Grace Green	7	...	...	...	...	...
11/24/2024	11/24/2024	11/24/2024	Henry Blue	6	...	...	...	...	...
11/25/2024	11/25/2024	11/25/2024	Madison Red	8	...	...	...	...	...
11/26/2024	11/26/2024	11/26/2024	James Purple	7	...	...	...	...	...
11/27/2024	11/27/2024	11/27/2024	Chloe Yellow	6	...	...	...	...	...
11/28/2024	11/28/2024	11/28/2024	Robert Orange	8	...	...	...	...	...
11/29/2024	11/29/2024	11/29/2024	Victoria Green	7	...	...	...	...	...
11/30/2024	11/30/2024	11/30/2024	William Blue	6	...	...	...	...	...

Result

Clear visibility and accurate measurement across daily farm operations.

50%

Faster movement of harvested crops

35%

Reduction in harvest-time delays

30%

Decrease in crop loss due to late transportation

Mining Industry



Why mining is a great market for you

Mining operations run in remote, high-risk, and high-cost environments. Even small inefficiencies can lead to major losses, safety issues, or operational delays. The mining market size has grown steadily in recent years. It will grow from \$1.96 trillion in 2024 to \$2.06 trillion in 2025 at a compound annual growth rate (CAGR) of 4.6%. The growth in the historic period can be attributed to technological advancements, an increase in investments in mining industry



Source: https://www.researchandmarkets.com/report/mining?srsltid=AfmBOoohd9D46GyQJzeu4oZ2V8uje45x_cYvuYqKgvyP6NyfsbPyVOVc

Key problems you can solve

-  No real-time visibility in remote locations
-  Fuel theft and misuse of heavy vehicles
-  Safety risks due to harsh terrain and long shifts
-  Difficulty tracking expensive equipment
-  Unplanned breakdowns and downtime
-  Unsafe driving in restricted and hazardous zones
-  Frequent breakdowns due to rough equipment handling
-  Lack of centralized reporting across sites

What you can offer with Uffizio



Real-time
vehicle & asset
tracking



Fuel monitoring &
theft detection



Driver behavior &
safety monitoring



Route monitoring &
geo-fencing



SOS & emergency
alerts



Camera / MDVR
integration

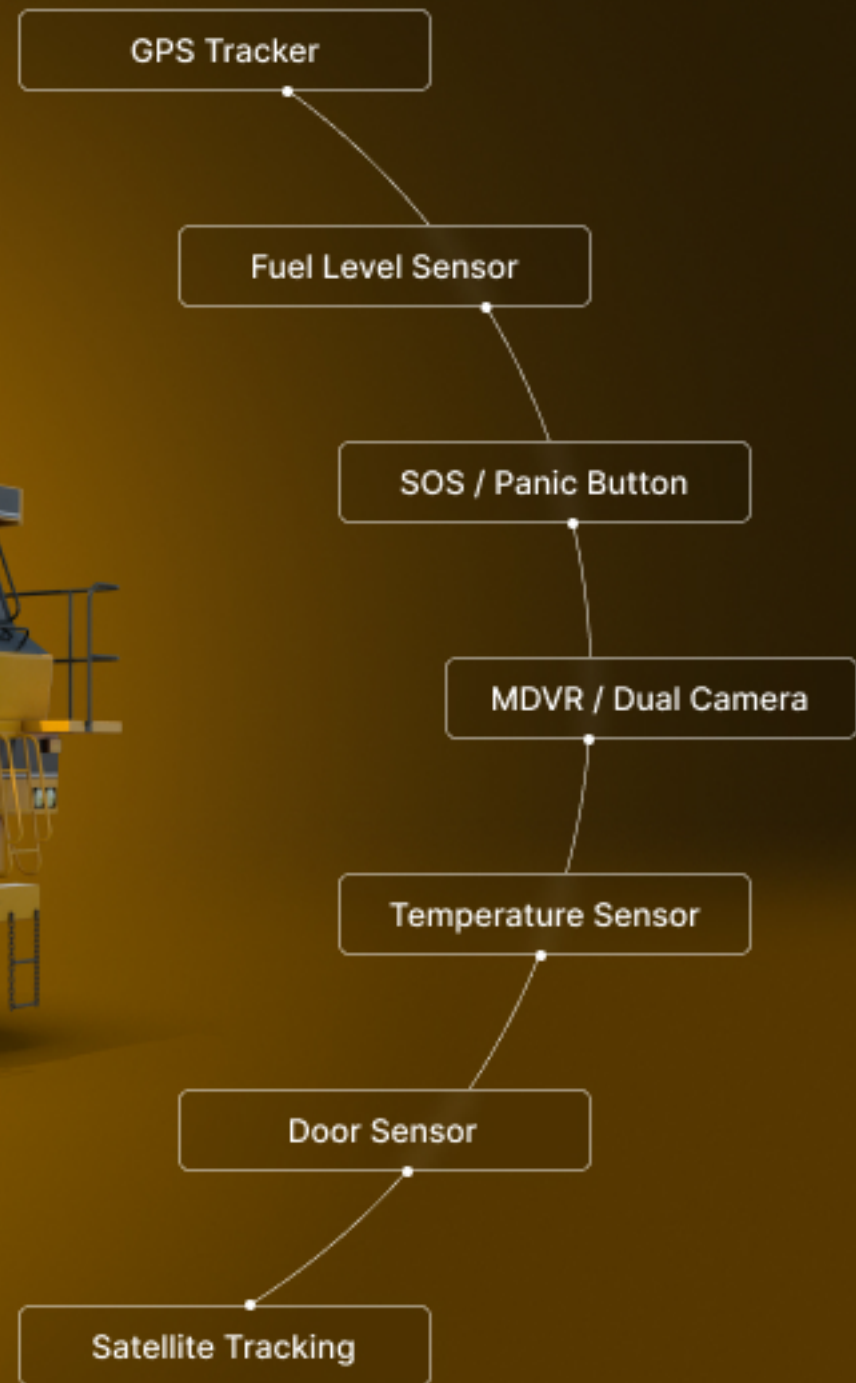


Maintenance &
usage reports

Key benefits that help close deals faster

- ✓ Easy visibility inside mining sites
- ✓ Strong control over fuel and operating costs
- ✓ Clear proof of work done
- ✓ Audit- and compliance-ready data
- ✓ Improved safety in hazardous zones
- ✓ Reduced breakdowns and downtime
- ✓ Better contractor accountability

Hardware used in this Industry



01

USE CASE

Real-time monitoring for mining material movement

In mining sites, dumpers and tippers continuously move ore and overburden between pits, stockyards, and dump zones. Without proper monitoring, operations face fuel loss, low productivity, and disputes with contractors.

This use case shows how Uffizio brings control and visibility to daily material movement.



01 Real-time visibility of individual dumpers

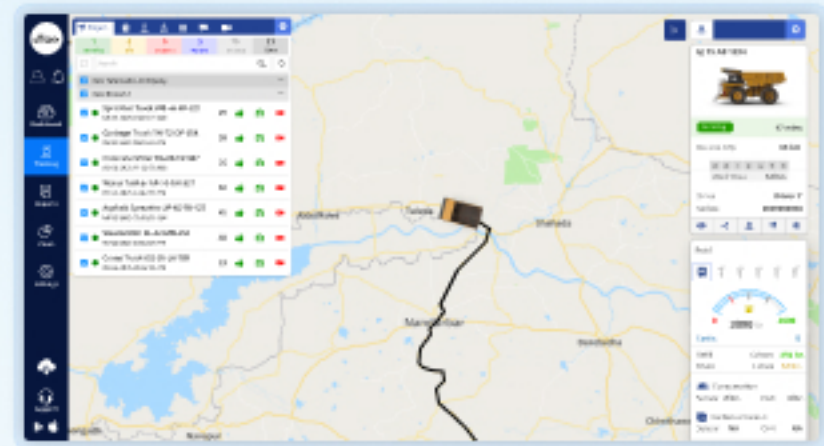
Problem

Supervisors cannot see the real-time movement of a specific dumper once its shift begins.



Solution

Live tracking displays the exact location and movement of the selected dumper in real time.



02 Vehicles move outside approved routes

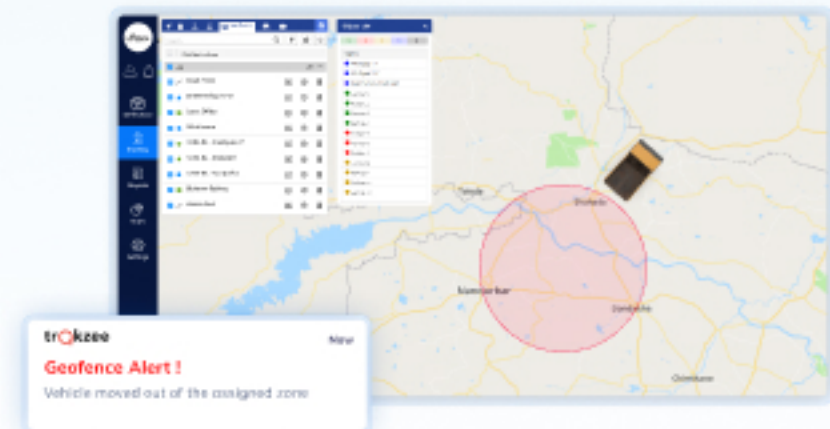
Problem

Supervisors have no visibility when dumpers move away from approved mine roads



Solution

Geofence alerts notify teams when vehicles move outside approved mine roads.



03 Unclear number of trips per shift

Problem

Supervisors don't know how many trips each vehicle actually completes in a shift.



Solution

The object job summary report provides details for trip completed by each vehicle.

Job Name	Shift	Vehicle	Trips	Completed	Completed	Actual	Total	Actual	Efficiency	Operator	Total Trips	Efficiency
Job Summary	2023-07-01	2023-07-01	10	10	10	10	10	10	100%	Operator	10	100%

04 Excessive idle time at loading points

Problem

Dumpers remain idle without reason.



Solution

Idle-time tracking highlights delays instantly.

Object	Object Brand	Object Model	Object Type	Driver/Brand Or Allocation Or WFO/Building	Mining Location	Mining Start Time	Mining End Time	Mining Duration	Stop
Job Test 1	General	General	Default	Test Driver 10 AP	2501 2501 (2501)	2501 0025 Am	2501 0035 Am	00:00:10	Stop

07 Poor control over contractor vehicles

Problem

Contractors and drivers operate without accountability



Solution

Driving behavior reports pinpoint the driver responsible for each violation.

Vehicle	Driver	Event Type	Severity	Location	Time	Status	Resolution	Assigned To	Assigned Date
100001	John Doe	Excessive Speed	High	123 Main St	10:15 AM	Active	Excessive Speed (100+ mph)	John Doe	10/15/2023
100002	Jane Smith	Harsh Braking	Medium	456 Oak St	09:30 AM	Active	Harsh Braking (0.3g)	Jane Smith	10/15/2023
100003	Mike Johnson	Excessive Idling	Low	789 Pine St	08:00 AM	Active	Excessive Idling (15+ min)	Mike Johnson	10/15/2023
100004	Sarah Lee	Excessive Acceleration	Medium	321 Elm St	11:45 AM	Active	Excessive Acceleration (0.5g)	Sarah Lee	10/15/2023
100005	David Kim	Excessive Speed	High	654 Maple St	07:30 AM	Active	Excessive Speed (90+ mph)	David Kim	10/15/2023

08 Rough vehicle handling

Problem

Overuse damages vehicles.



Solution

RPM monitoring detects harsh usage.



09 No proof for reports and reviews

Problem

Manual logs lack credibility.

Solution

Insightful reports provide data-backed proof.



Activity	Asset	Start Date	End Date	Completion Date	Priority Type	Priority Level	Status	Work Order	Inspection Status	Approval Status	Off-Management	Assigned To
Load	1000000001	2024-01-01	2024-01-01	2024-01-01	Normal	High	Completed	1000000001	Pass	Approved	Active	John Doe
Unload	1000000001	2024-01-01	2024-01-01	2024-01-01	Normal	High	Completed	1000000001	Pass	Approved	Active	John Doe
Total Time		00:00:00		00:00:00		00:00:00		00:00:00		00:00:00		00:00:00
Idle Time		00:00:00		00:00:00		00:00:00		00:00:00		00:00:00		00:00:00
Fuel Loss		00:00:00		00:00:00		00:00:00		00:00:00		00:00:00		00:00:00
Load	1000000002	2024-01-01	2024-01-01	2024-01-01	Normal	High	Completed	1000000002	Pass	Approved	Active	John Doe
Unload	1000000002	2024-01-01	2024-01-01	2024-01-01	Normal	High	Completed	1000000002	Pass	Approved	Active	John Doe
Waste	1000000003	2024-01-01	2024-01-01	2024-01-01	Normal	High	Completed	1000000003	Pass	Approved	Active	John Doe

Result

Better control and higher productivity across daily mining operations.

55%

Improvement in trip productivity

40%

Reduction in idle time

35%

Reduction in fuel-related losses

02

USE CASE

Safety & route compliance inside mining sites

Mining sites are hazardous zones where unsafe driving or route deviation can lead to serious accidents.

This use case shows how Uffizio helps enforce safety, route discipline, and equipment health inside mining operations.



01 Vehicles enter restricted mining zones

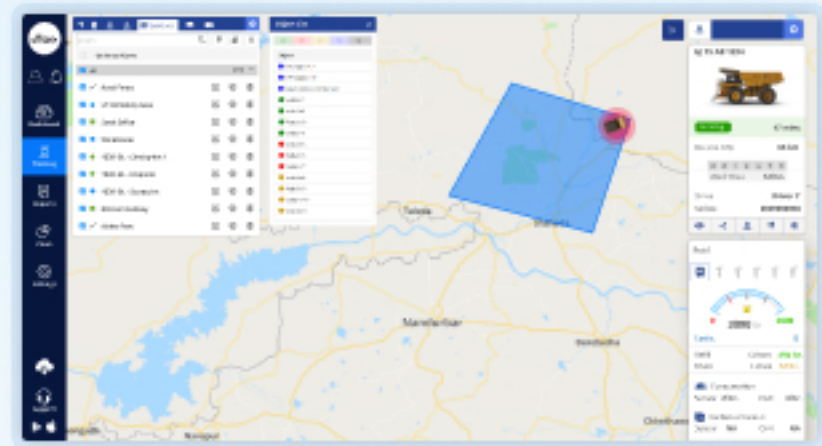
Problem

Supervisors have no visibility when vehicles enter restricted areas.



Solution

Geo-fencing triggers alerts when vehicles enter restricted mining zones.



02 Overspeeding on haul roads

Problem

High-speed driving increases accident risk.



Solution

Speed monitoring triggers instant alerts.



trqkzee

Now

Harsh Acceleration

Braking force exceeded safe limits.

Speed increased from 60 km/h to 90 km/h in 15 seconds.

03 Harsh driving on rough terrain

Problem

Sudden braking and acceleration damage vehicles.



Solution

Driving behavior monitoring improves discipline.



04 Tyre stress during heavy loads

Problem

Tyre failures cause downtime and safety risks.



Solution

Usage patterns and abnormal stoppage alerts detect tyre stress.



05 Unsafe night or low-visibility operations

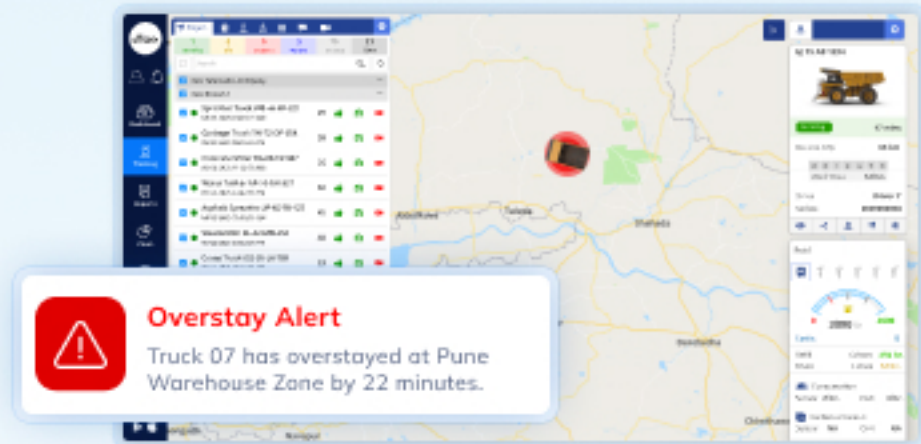
Problem

During night shifts, risky driving or unsafe stoppages are noticed only after an incident occurs.



Solution

Real-time alerts notify supervisors immediately about unsafe movement, long stoppages, or rule violations.



06 No accountability for safety violations

Problem

Violations are difficult to trace.



Solution

Driving behavior reports link each violation directly to the responsible driver of a particular vehicle

Driver	Vehicle	Violation	Severity	Time	Location	Driver ID	Vehicle ID	Violation Code	Violation Description	Status
Driver 01	Truck 01	Excessive Speed	High	10:15	Zone A	001	001	VS001	Excessive Speed (Zone A)	Resolved
Driver 02	Truck 02	Unsafe Stoppage	Medium	10:20	Zone B	002	002	US002	Unsafe Stoppage (Zone B)	Resolved
Driver 03	Truck 03	Unsafe Stoppage	Medium	10:25	Zone C	003	003	US003	Unsafe Stoppage (Zone C)	Resolved
Driver 04	Truck 04	Unsafe Stoppage	Medium	10:30	Zone D	004	004	US004	Unsafe Stoppage (Zone D)	Resolved

07 Frequent breakdowns due to overuse

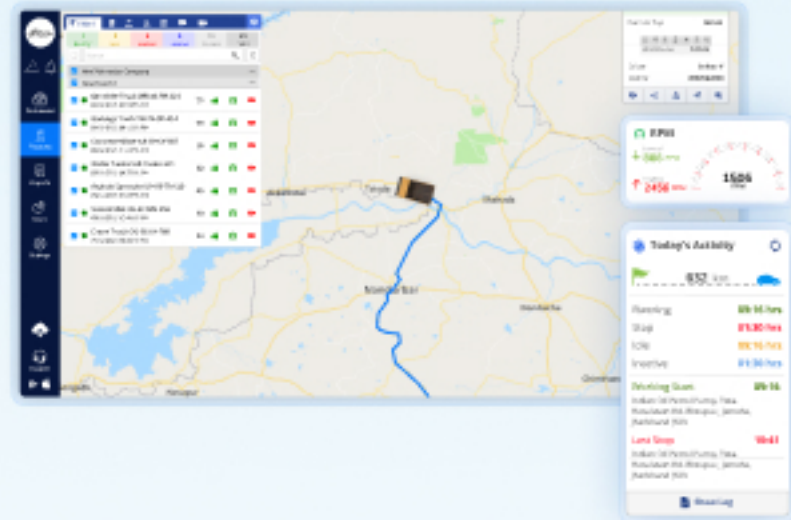
Problem

Machines fail during peak operations.



Solution

RPM and work-hour monitoring prevent overload.



08 Delayed incident response

Problem

Emergency situations are not identified quickly inside mining sites.



Solution

Real-time alerts enable faster awareness and response to on-site incidents.



trQkzee

Now

Emergency Alert Triggered

Immediate action required due to a critical on-site incident.

09 No safety performance data

Problem

Safety reviews are manual and incomplete.



Solution

Driving Behavior Reports and Violation Summary Reports highlight violations, and risks.

Driver	Vehicle	Violation Type	Severity	Count	Score	Compliance Status	Notes
Driver 1	Vehicle 1	Speeding	High	5	100	Compliant	
Driver 2	Vehicle 2	Braking	Medium	3	75	Non-Compliant	
Driver 3	Vehicle 3	Route Deviation	Low	2	50	Non-Compliant	
Driver 4	Vehicle 4	Breakdown	High	1	25	Non-Compliant	

Result

Safer mining operations with better compliance and fewer incidents.

50%

Reduction in safety violations

45%

Fewer route deviation incidents

30%

Reduction in breakdown-related downtime

Marine & Boat Tracking



Why you should consider this market

The marine management software market is valued at USD 4.55 billion in 2025 and is forecast to expand to USD 7.12 billion by 2030, registering a 9.36% CAGR. This growth is propelled by regulatory mandates that require near-real-time emissions monitoring, rising fuel-efficiency targets, and the need to synchronize dispersed fleet operations across oceans.

Source: <https://www.mordorintelligence.com/industry-reports/marine-management-software-market>



Key problems you can solve



No real-time visibility once boats leave shore



Loss of contact in remote or offshore areas



Difficulty locating boats during emergencies



Unplanned route changes due to weather or currents



Risk of boat theft or unauthorized usage



Delayed response during SOS situations



No proof of route, movement, or trip completion



Limited data for compliance and reporting

What you can offer with **Uffizio**



Tracking and
Geo-fencing for
marine zones



SOS / panic alerts
for crew and
passengers



Fuel monitoring
and fuel usage
analysis



RPM monitoring for
engine health and
performance



Maintenance and
service scheduling
alerts



Temperature
monitoring for
onboard storage



Area measurement
for fishing or
operational zones

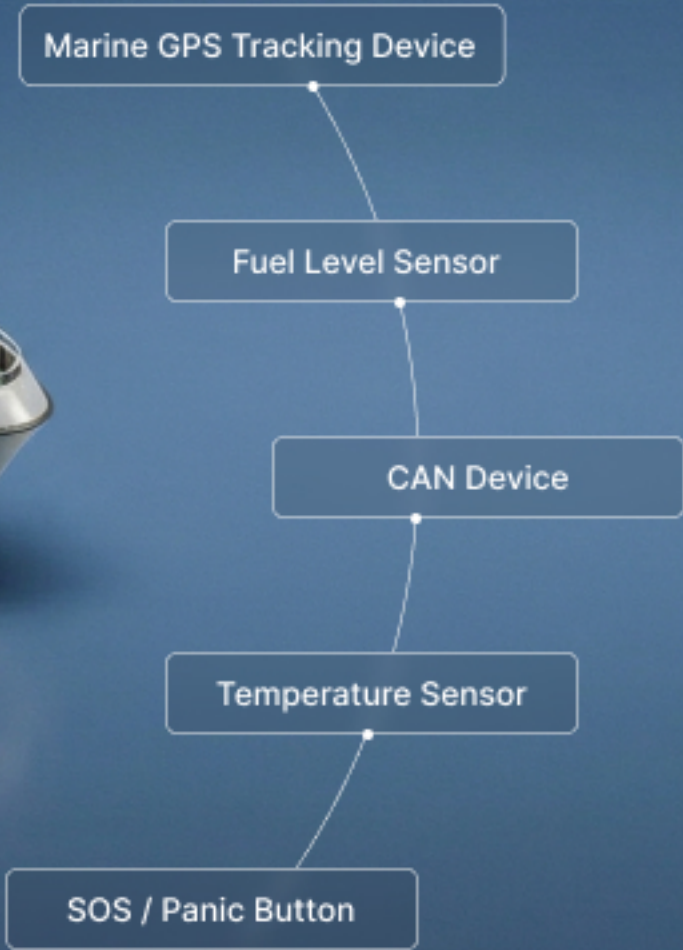


Expense tracking
for trips and
operations

Benefits that help you close deals faster

- ✓ Complete visibility of boats at sea
- ✓ Improved crew and passenger safety
- ✓ Better fuel and operating cost control
- ✓ Reduced breakdowns and downtime
- ✓ Safer storage of temperature-sensitive cargo
- ✓ Stronger compliance and reporting readiness
- ✓ Easy management of multiple boats

Hardware used in this Industry



01

USE CASE

Fishing boat operations

Commercial fishing boats operate far from shore for long hours. Owners need visibility of boat location, fishing areas, fuel usage, storage conditions, and crew safety.

This use case shows how Uffizio helps fishing operators stay safe, compliant, and cost-efficient at sea.



01 Boat leaves shore

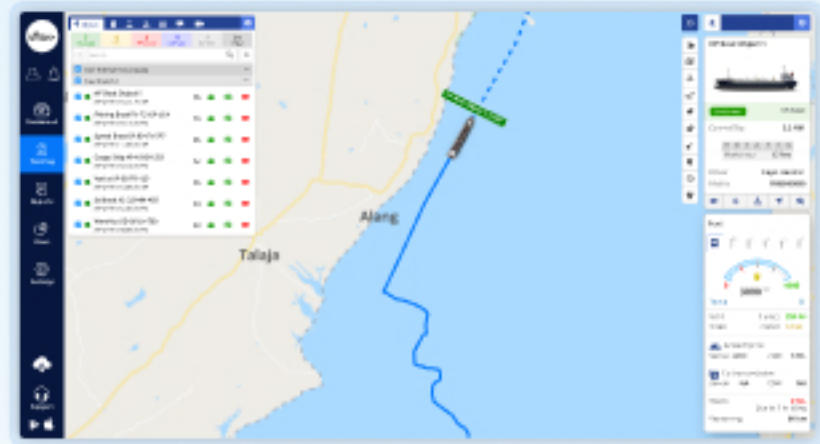
Problem

No visibility once boat moves offshore.



Solution

Live GPS tracking shows real-time location.



02 Fishing area monitoring

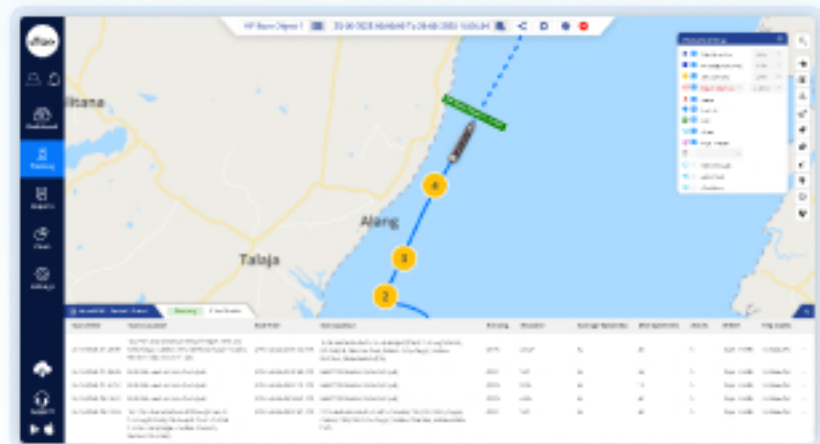
Problem

No clarity on fishing zones covered.



Solution

Route playback shows the complete path the boat followed, making it easy to review covered fishing areas.



03 Fuel usage during long trips

Problem

Fuel consumption is high and uncontrolled.



Solution

Fuel monitoring with multiple sensors in single tank tracks usage and gives fuel accuracy.



04 Engine overstress

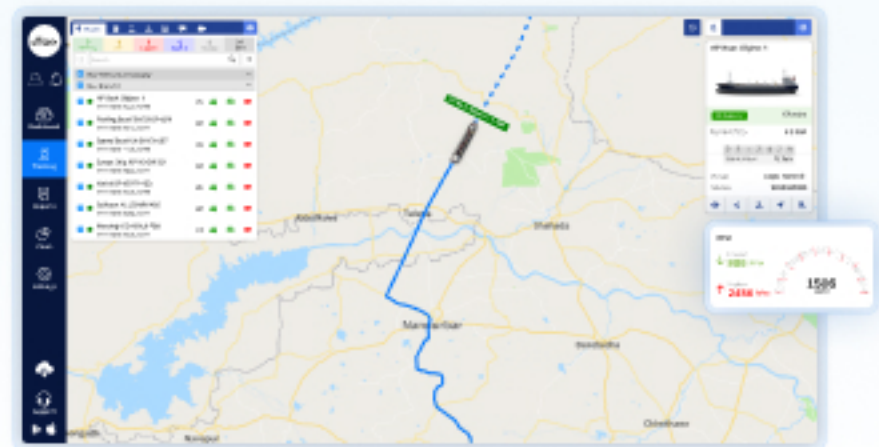
Problem

High RPM damages engines over time.



Solution

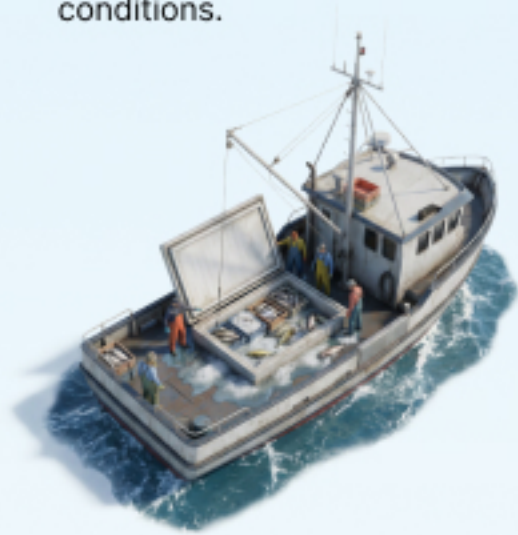
RPM monitoring detects abnormal engine behavior.



05 Storage temperature control

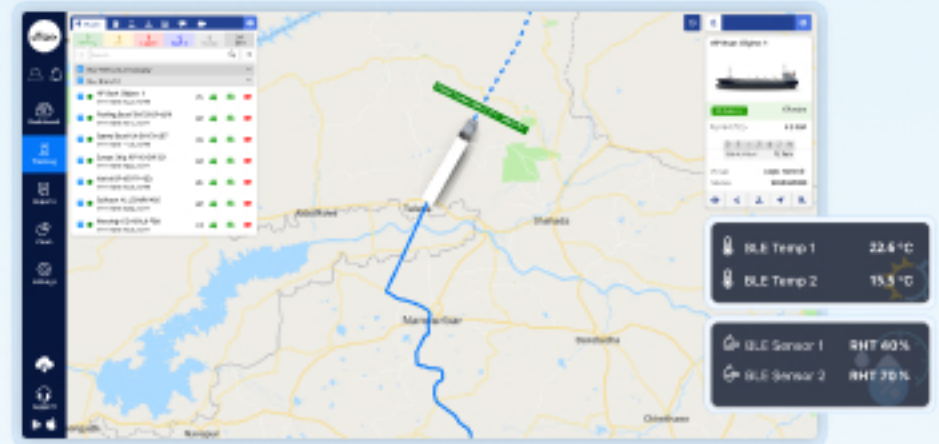
Problem

Fish quality drops due to poor storage conditions.



Solution

Temperature monitoring ensures proper cold storage.



06 Route deviation or drift

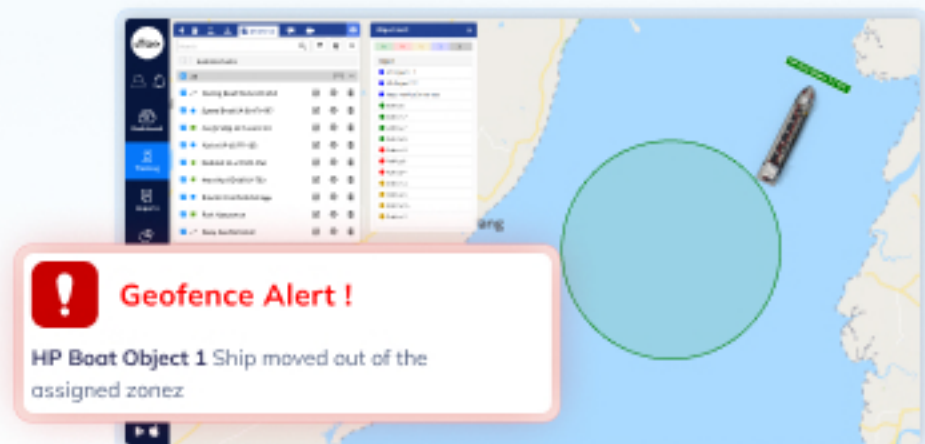
Problem

Boats move outside planned routes unknowingly.



Solution

Geo-fencing alerts for route and zone breaches.



07 Emergency at sea

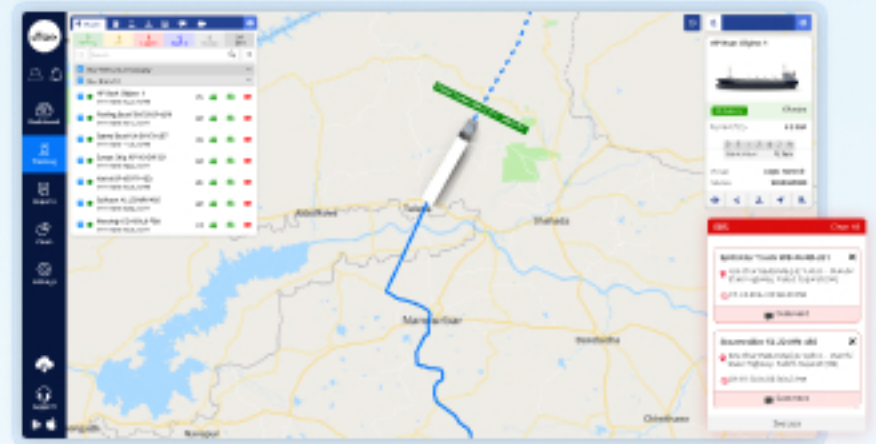
Problem

No quick way to alert authorities.



Solution

SOS alert sends instant emergency notification.



08 Maintenance neglect

Problem

Breakdowns happen mid-sea.



Solution

Maintenance alerts prevent unexpected failures.



09 Trip proof & compliance

Problem

No verifiable records for inspections.



Solution

Job detailed summary and reports provide clear proof.

Job Name	Start	End	Status	Planned Fuel Price	Actual Fuel Price	Est. Hours	Est. Balance	Planned Fuel Cost	Actual Fuel Cost	Est. Catch	Actual Catch	Est. Revenue	Actual Revenue	Est. Profit	Actual Profit	Est. Fuel %	Actual Fuel %	Est. Catch %	Actual Catch %	Est. Profit %	Actual Profit %	
Job 1	10/10/2023	10/10/2023	Completed	1.20	1.15	10	1200	1200	1150	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Job 2	10/11/2023	10/11/2023	Completed	1.20	1.15	10	1200	1200	1150	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Job 3	10/12/2023	10/12/2023	Completed	1.20	1.15	10	1200	1200	1150	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Job 4	10/13/2023	10/13/2023	Completed	1.20	1.15	10	1200	1200	1150	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
Job 5	10/14/2023	10/14/2023	Completed	1.20	1.15	10	1200	1200	1150	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

Result

Safer fishing operations with better cost and quality control.

40%

Reduction in fuel wastage

35%

Fewer engine-related breakdowns

50%

Improvement in catch quality due to temperature control

02

USE CASE

Tourism & passenger ship operations

Tourism ships and passenger boats operate on fixed schedules and carry paying passengers where safety, experience, and reliability are critical. Delays, unsafe movement, or lack of visibility directly impact customer satisfaction and operator reputation. This use case shows how Uffizio helps tourism operators run safer, smoother, and more professional voyages.



01 Scheduled trip begins

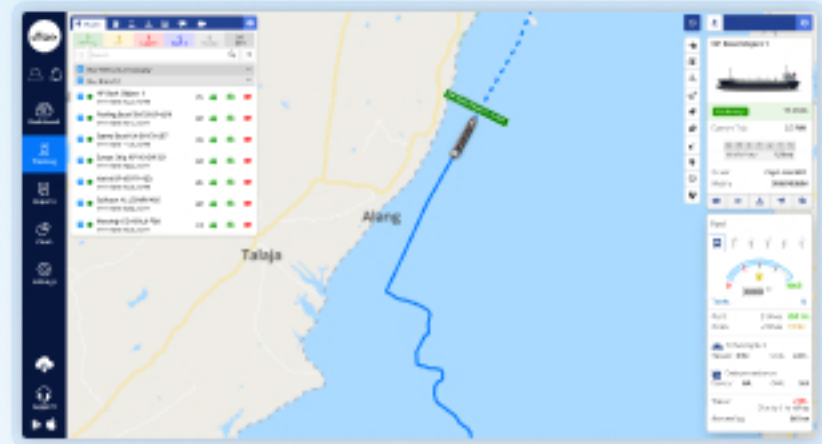
Problem

Operators lack live visibility once the ship leaves the dock.



Solution

Live GPS tracking shows real-time ship location.



02 Route & speed control

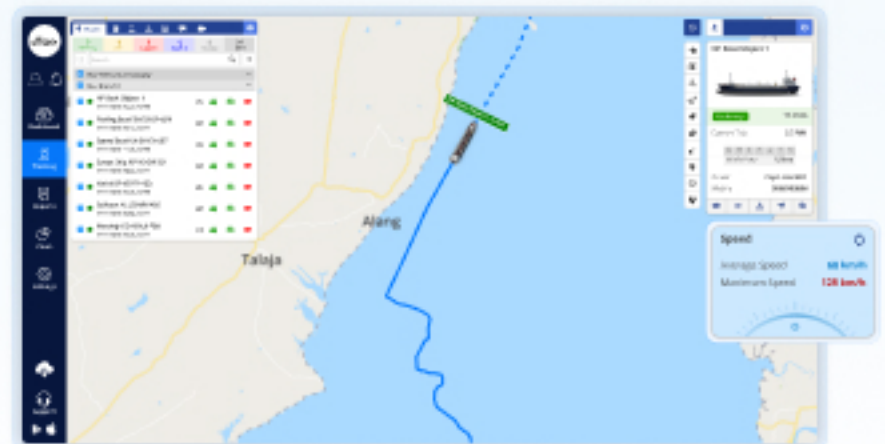
Problem

Unsafe speed or route deviation risks passenger safety.



Solution

Speed monitoring and route tracking ensure controlled movement.



03 Crew & engine stress during continuous trips

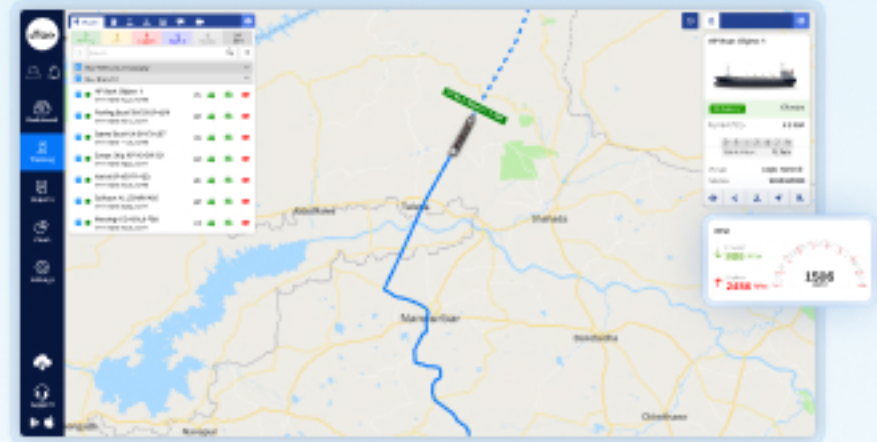
Problem

High RPM and overuse cause breakdowns mid-trip.



Solution

RPM monitoring helps maintain engine health.



04 Multiple trips in a day

Problem

Tracking multiple daily trips manually leads to missed details and confusion.



Solution

Trip history and route playback automatically record every completed trip.

A screenshot of a software interface showing a detailed trip history table. The table has columns for Trip ID, Date, Time, Location, and various engine and sensor data. The data is organized into rows, with some rows highlighted in green and others in red. The table is titled "Trip Summary [20-01-2020 12:00 AM - 20-01-2020 12:00 AM]".

Trip ID	Date	Time	Location	Engine RPM	Engine Temp	Engine Oil Pressure	Engine Oil Level	Engine Oil Quality	Engine Oil Color	Engine Oil Smell	Engine Oil Taste	Engine Oil Touch	Engine Oil Sound	Engine Oil Sight	Engine Oil Smell	Engine Oil Taste	Engine Oil Touch	Engine Oil Sound	Engine Oil Sight
1	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
2	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
3	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
4	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
5	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
6	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
7	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
8	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
9	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
10	20-01-2020	12:00 AM	12:00 AM	1500	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

05 Unauthorized or off-schedule movement

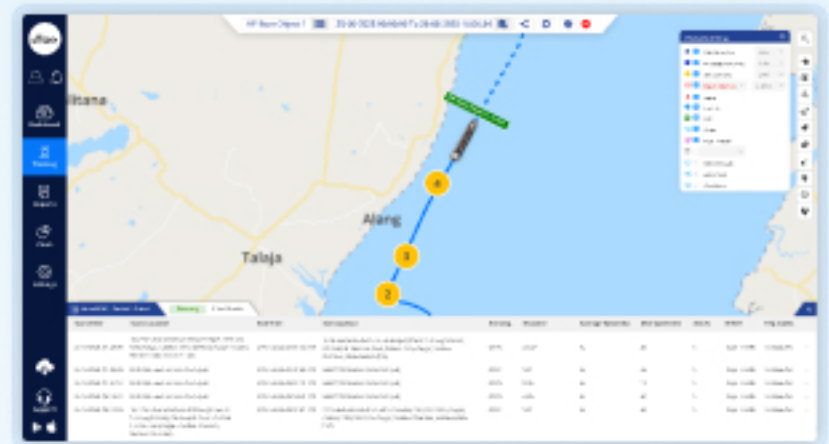
Problem

Managers lack clear records to confirm whether trips followed planned timings and routes.



Solution

Trip history and playback show actual trip timings and movement, helping verify schedule compliance.



Result

Safer journeys with better passenger experience and operational control.

35%

Improvement in on-time trip completion

40%

Reduction in unsafe speed and route violations

30%

Fewer engine-related disruptions

Emergency & Security Fleet











Why this industry is a strong opportunity for you

The homeland security and emergency management market size in 2026 is estimated at USD 4.09 billion, growing from 2025 value of USD 3.82 billion with 2031 projections showing USD 5.77 billion, growing at 7.12% CAGR over 2026-2031. Intensifying overlaps between cyber, physical, and environmental threats motivate governments and private operators to invest in integrated platforms that merge perimeter protection with real-time digital intelligence.



Source: <https://www.mordorintelligence.com/industry-reports/homeland-security-and-emergency-management-market>

Key problems you can solve

 Lack of proof after incidents	 Delayed response time	 Route deviation in sensitive operations	 Slow emergency alert handling
 No real-time visibility during emergencies	 Misuse of vehicles during off-duty hours	 Poor monitoring of driver behavior	 Difficulty coordinating multiple response vehicles

What you can offer with Uffizio



Live tracking of emergency and security fleets



Closest vehicle identification for dispatch



SOS / panic alert from vehicle or driver



Video integration for incident visibility and proof



Unauthorized movement alerts



Route deviation alerts



Incident-based trip and response tracking



Zone, area, and restricted-location geofencing

Benefits that help you close deals faster

- ✓ Faster emergency response
- ✓ Better control over sensitive routes
- ✓ Higher safety for drivers, guards, and crew
- ✓ Strong protection against misuse and theft
- ✓ Clear proof during incidents and investigations
- ✓ Improved discipline and driving behavior
- ✓ Centralized control for multiple vehicles
- ✓ Audit and compliance readiness

Hardware used in this Industry



01

USE CASE

Enhancing accountability in ambulance operations

Ambulances operate in life-or-death situations where every minute matters. Hospitals and emergency teams need to know where the ambulance is, how fast it is moving, and whether it is following the fastest route. This use case shows how tracking and monitoring help ambulance services reach patients faster and save lives.



01 Ambulance dispatched for emergency

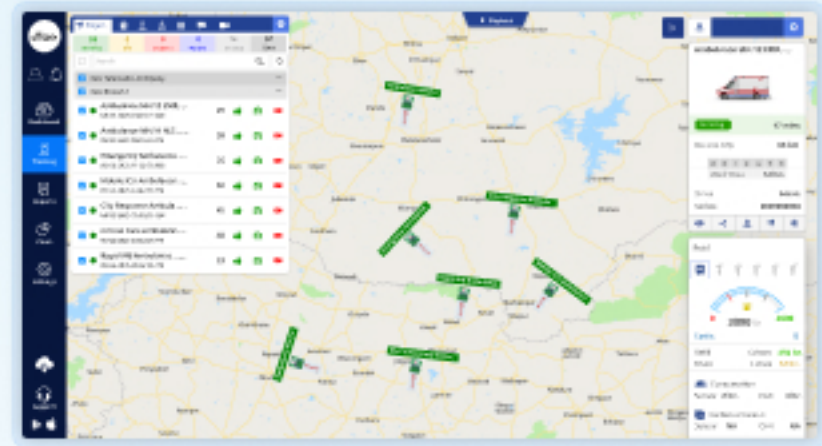
Problem

Control room doesn't know which ambulance is closest.



Solution

System identifies the nearest available ambulance instantly.



02 Delay due to traffic or wrong route

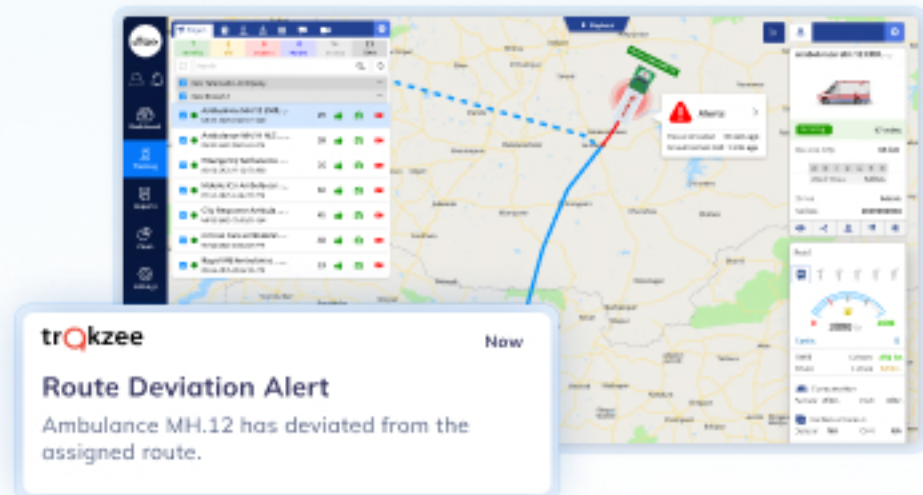
Problem

Ambulance gets stuck or takes longer routes.



Solution

Live tracking and route monitoring ensure faster movement.



03 Overspeeding or unsafe driving

Problem

High speed increases accident risk.

Solution

Speed monitoring improves controlled and safe driving.



04 No alert during emergency inside vehicle

Problem

Driver or paramedic can't call for help quickly.

Solution

SOS button sends instant emergency alerts.



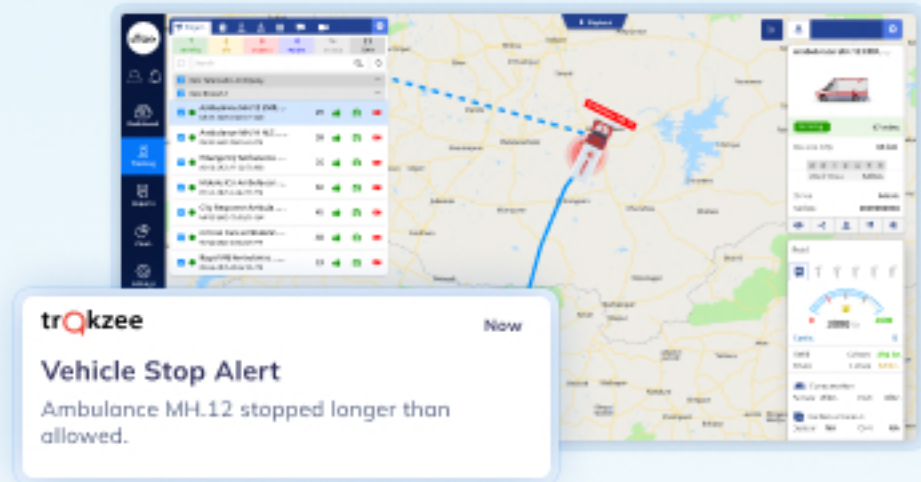
05 Unauthorized stops during critical trips

Problem

Ambulance stops unnecessarily during emergencies.

Solution

Alerts sent if vehicle stops more than the defined time.



06 Poor coordination with hospital

Problem

Hospital staff are not prepared in advance.

Solution

Live ETA helps hospitals prepare before arrival.



07 No proof after emergency case

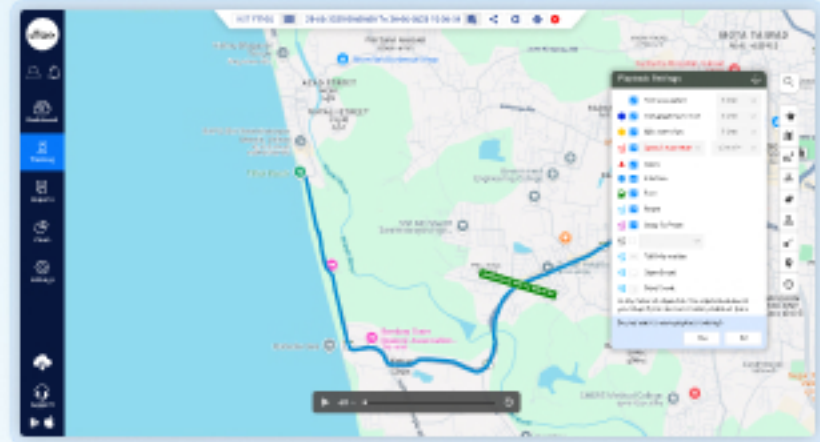
Problem

No data to review response time or actions taken.



Solution

Trip playback and reports show full journey details.



08 Vehicle misuse after duty hours

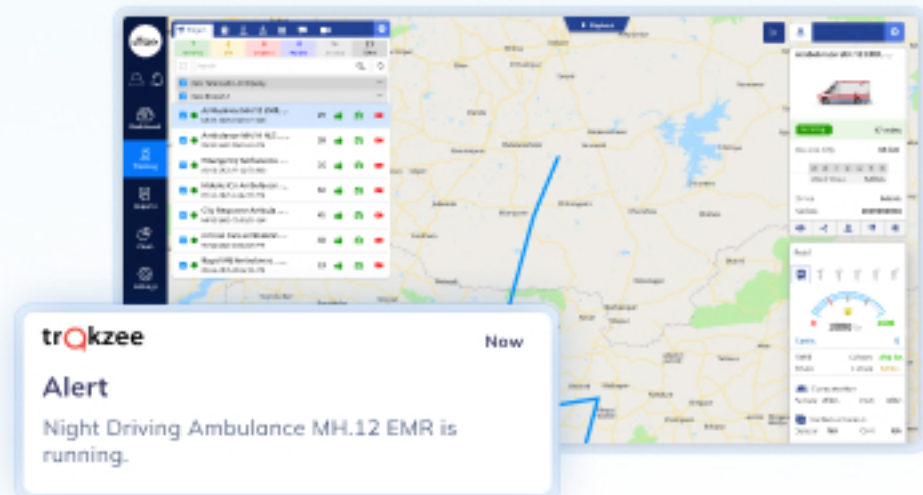
Problem

Ambulances are sometimes used beyond assigned duty hours.



Solution

Time-based alerts notify teams of vehicle movement outside approved working hours.



09 Maintenance issues leading to breakdowns

Problem

Vehicle breakdowns delay emergency response.



Solution

Maintenance alerts keep ambulances road-ready.



Result

Measurable improvement in emergency response and accountability

35%

Faster emergency response time

40%

Reduction in route delays and wrong turns

25%

Improvement in on-time hospital arrival

02

USE CASE

Cash-in-transit fleet operations

Cash-in-Transit fleets move high-value cash and valuables between banks, ATMs, and vaults. These operations are high-risk, time-sensitive, and strictly governed by security protocols. This use case shows how tracking, e-lock, and video telematics help CIT operators secure cash, control routes, and maintain full accountability.



01 Cash vehicle starts assigned trip

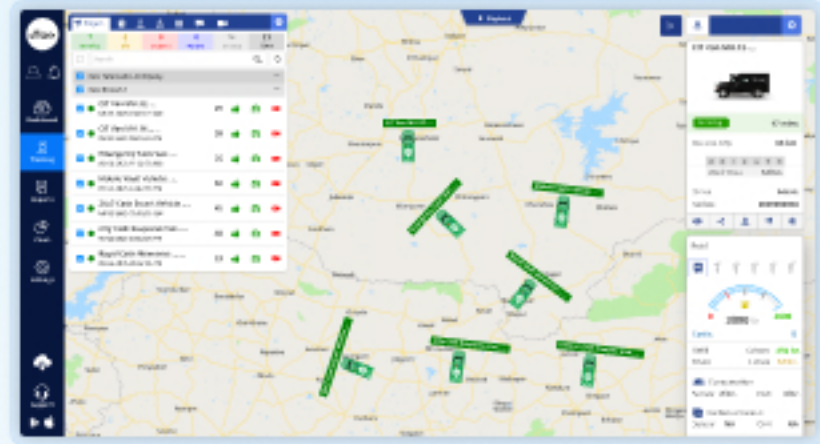
Problem

Once a vehicle is dispatched, control rooms lack real-time visibility of its movement.



Solution

Live tracking shows the exact location and movement of the dispatched vehicle in real time.



02 Vehicle deviates from approved route

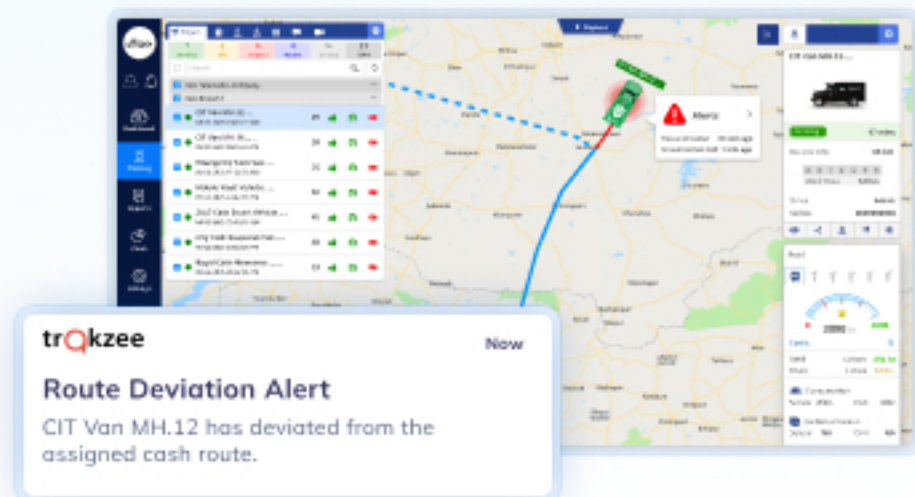
Problem

Route deviation increases security risk.



Solution

Route deviation alerts notify control teams instantly.



trókzee

Now

Route Deviation Alert

CIT Van MH.12 has deviated from the assigned cash route.

03 Risk of inside threats or **sop violations**

Problem

No visibility inside the vehicle cabin.



Solution

Video telematics and DMS monitor driver and guard behavior in real time.



04 Cash access **without authorization**

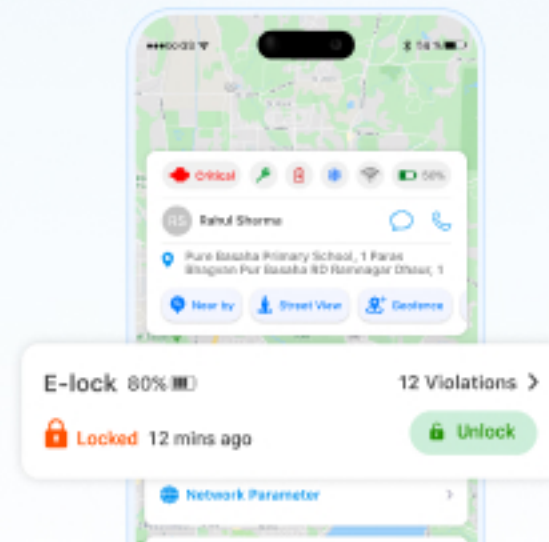
Problem

Manual locks can be misused or forced.



Solution

E-lock allows door opening only after system approval.



05 Unplanned stops at sensitive locations

Problem

Unscheduled halts increase threat exposure.

Solution

Stop and idle alerts notify control room immediately.



06 Driver or guard under silent threat

Problem

Open communication is not possible in threats.

Solution

SOS / panic button sends silent emergency alerts.



07 Unsafe driving in high-risk trips

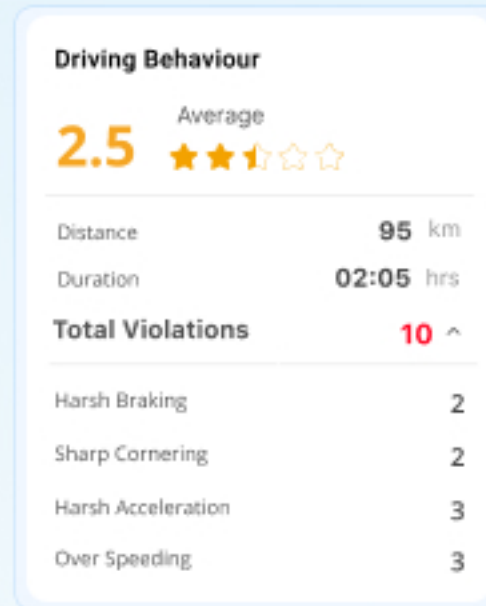
Problem

Rash driving risks accidents and asset loss.



Solution

Speed and driving behavior monitoring ensures discipline.



08 Disputes after cash delivery

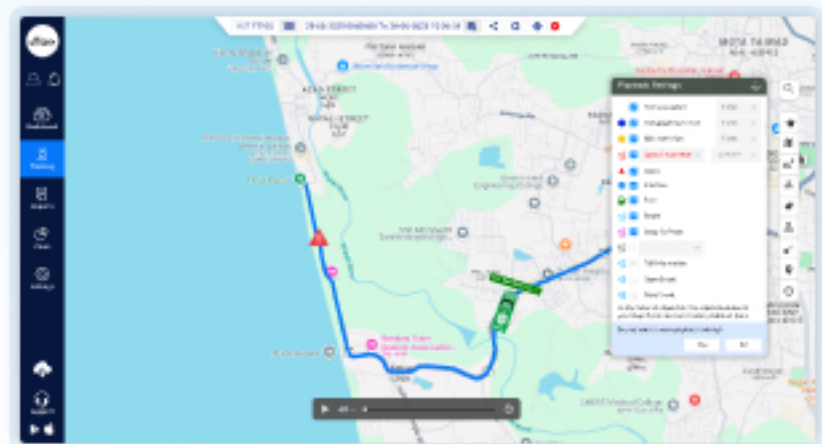
Problem

No proof of what happened during the trip.



Solution

Trip playback and event timeline provide full evidence.



09 Strict audit & compliance requirements

Problem

Teams lack reliable records for audits and security reviews.



Solution

System logs of e-lock events, SOS alerts, and stops provide audit-ready proof.

Company	Route	Event	Last Detected Time	Current Location	Vehicle Status	Location Status	Stop
MP Company	MP000001	MP 000001	07/18/2023 11:11 AM	52 34 102 10414 296	Green	Red	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 1	01/10/2023 10:13 PM	NAQ2222222222222222	Green	Green	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 2	02/05/2023 10:04 AM	NAQ2222222222222222	Yellow	Red	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 3	06/11/2023 02:11 PM	NAQ2222222222222222	Red	Red	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 4	12/08/2023 02:01 AM	NAQ2222222222222222	Green	Red	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 5	01/03/2023 04:04 PM	NAQ2222222222222222	Green	Green	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 6	02/18/2023 12:00 AM	NAQ2222222222222222	Yellow	Green	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 7	04/01/2023 01:01 PM	NAQ2222222222222222	Red	Green	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 8	11/08/2023 01:20 AM	NAQ2222222222222222	Green	Green	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 9	07/08/2023 10:00 AM	NAQ2222222222222222	Green	Green	Green
Yoursys/INC	Yoursys/Route	Yoursys/Event 10	06/14/2023 03:20 PM	NAQ2222222222222222	Green	Green	Green

Result

Higher cash security with zero-tolerance control

50%

Reduction in route deviation incidents

70%

Drop in unauthorized cash access attempts

35%

Faster response during security threats

03

USE CASE

Police & security patrol fleet tracking

Police and security patrol vehicles are responsible for area monitoring, rapid response, and maintaining public safety. They operate continuously across cities, campuses, industrial zones, and sensitive locations. This use case shows how fleet tracking and monitoring help police and security teams respond faster, patrol effectively, and maintain accountability.



01 Convoy movement management

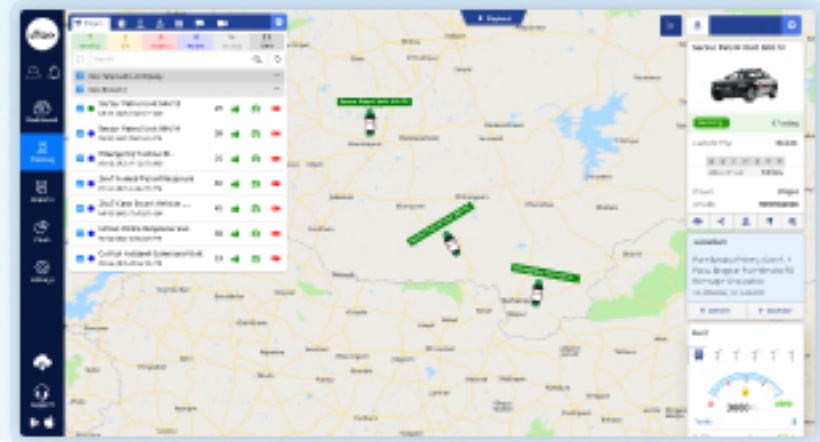
Problem

Vehicles in a convoy get separated, causing coordination and security risks.



Solution

Live tracking shows the position of each convoy vehicle, helping teams maintain formation and coordination.



02 Delayed response to incidents

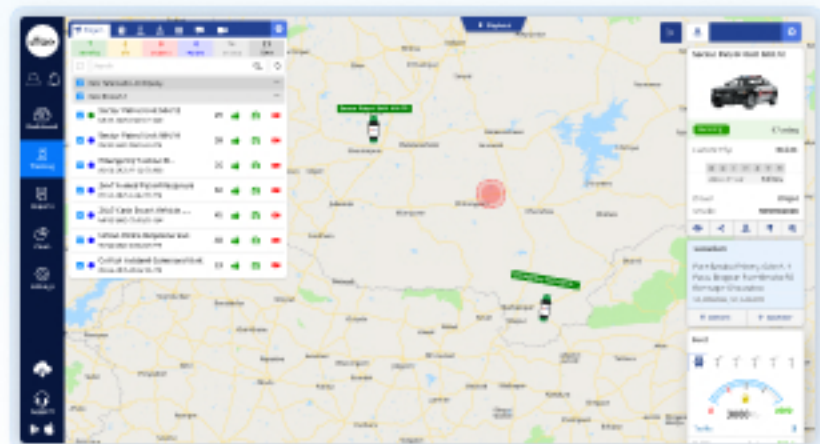
Problem

During emergencies nearest patrol unit is not identified quickly.



Solution

The Nearby feature on live tracking shows patrol vehicles closest to the incident location.



03 Incomplete patrol coverage

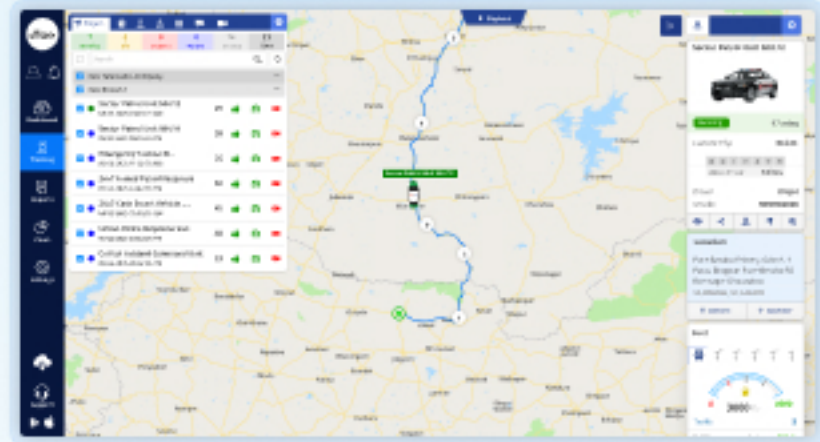
Problem

Some areas are over-patrolled while others are ignored.



Solution

Route tracking ensures all assigned areas are covered.



04 Patrol vehicles deviating from assigned routes

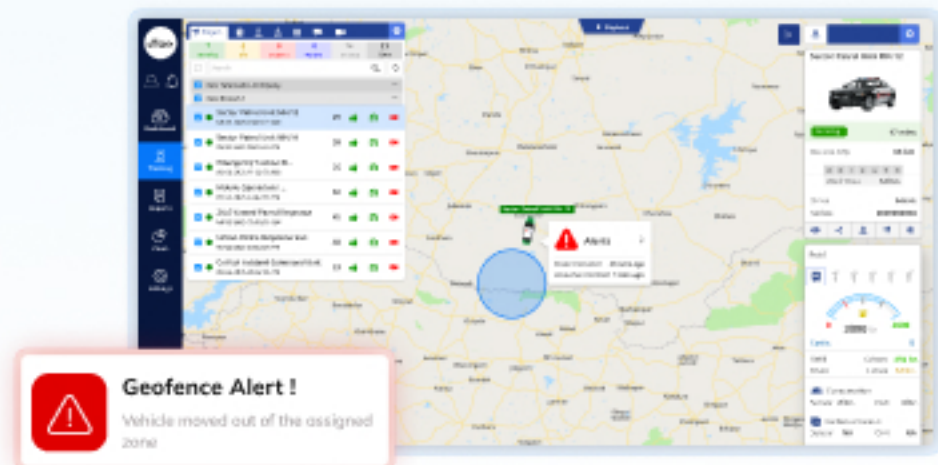
Problem

Vehicles move outside assigned patrol zones.



Solution

Geo-fencing and route deviation alerts notify control teams.



05 Unsafe or rash driving

Problem

High-speed driving increases accident risk.

Solution

Speed and driving behavior monitoring improves safety.



06 No alert during threat situations

Problem

Officers cannot always call for help openly.

Solution

SOS / panic button sends silent emergency alerts.



07 Poor proof after incidents

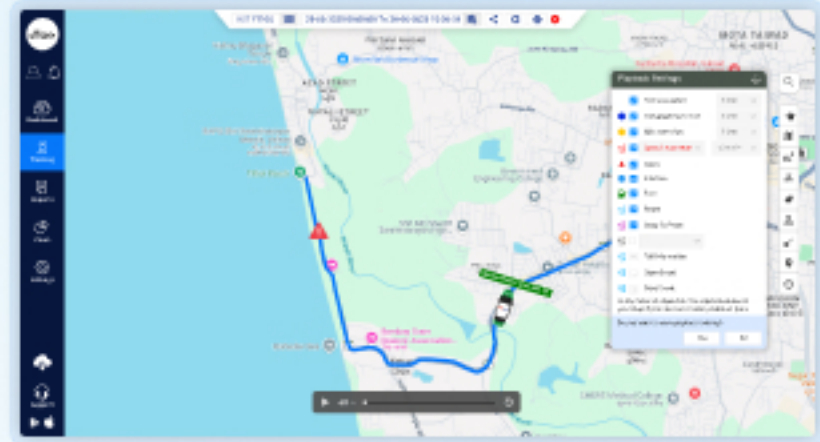
Problem

No data to verify patrol actions.



Solution

Trip playback and event timelines provide clear evidence.



08 Vehicle misuse after duty hours

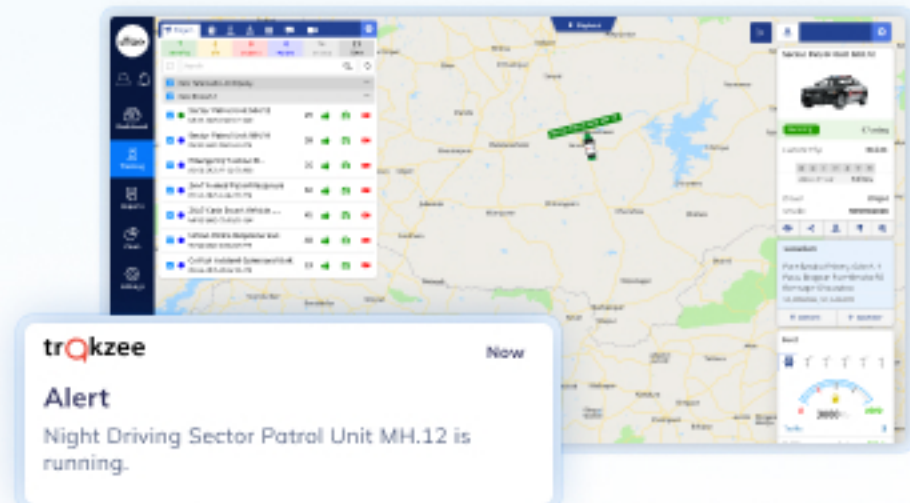
Problem

Patrol vehicles are used outside approved timings.



Solution

Off-duty movement alerts prevent misuse.



09 Audit & accountability pressure

Problem

Manual patrol logs are unreliable.



Solution

Trip summary report and other supportive reports shows when and where vehicles operated.

Search	Filter	Print	Export	Refresh	Help	Settings	Logout	Admin
Vehicle	LT1000000	01/01/2020	01/01/2020	01/01/2020	01/01/2020	01/01/2020	01/01/2020	01/01/2020
Driver	John Doe	01/01/2020	01/01/2020	01/01/2020	01/01/2020	01/01/2020	01/01/2020	01/01/2020
Start Time	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00
End Time	16:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00
Mileage	100	100	100	100	100	100	100	100
Hours	8	8	8	8	8	8	8	8
Status	Completed	Completed	Completed	Completed	Completed	Completed	Completed	Completed

Result

Better patrol coverage with faster response and higher accountability.



Faster response to incidents



Improvement in patrol coverage efficiency



Reduced misuse of patrol vehicles

04

USE CASE

Fire & disaster response fleet operations

Fire and disaster response fleets handle fires, industrial accidents, floods, and large-scale emergencies. These situations require instant response, multiple vehicles, crew safety, and strict coordination. This use case shows how fleet tracking and monitoring help fire and disaster teams reach faster, operate safely, and provide proof of response.



01 Emergency call received

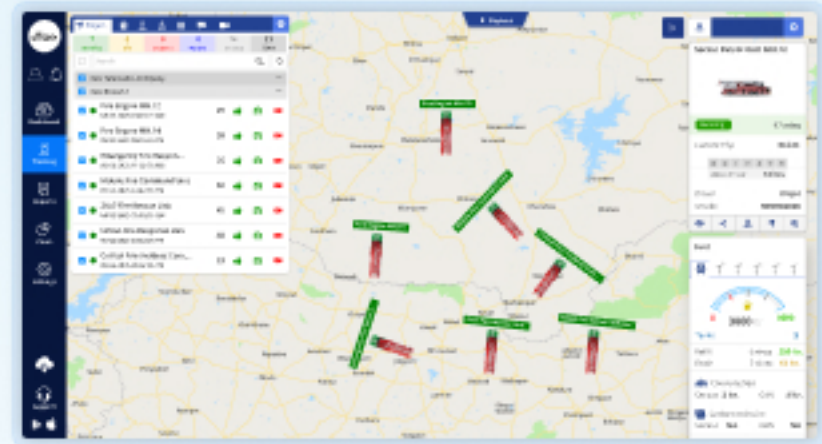
Problem

Control room struggles to identify the nearest fire vehicle.



Solution

System instantly shows the closest available fire unit.



02 Multiple vehicles dispatched together

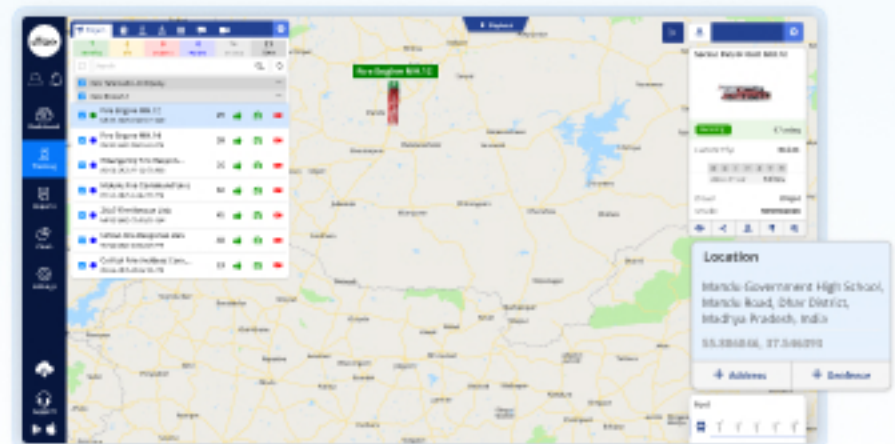
Problem

No clear visibility of all vehicles during response.



Solution

Live tracking shows real-time location of every response vehicle.



03 Delay due to traffic or wrong routes

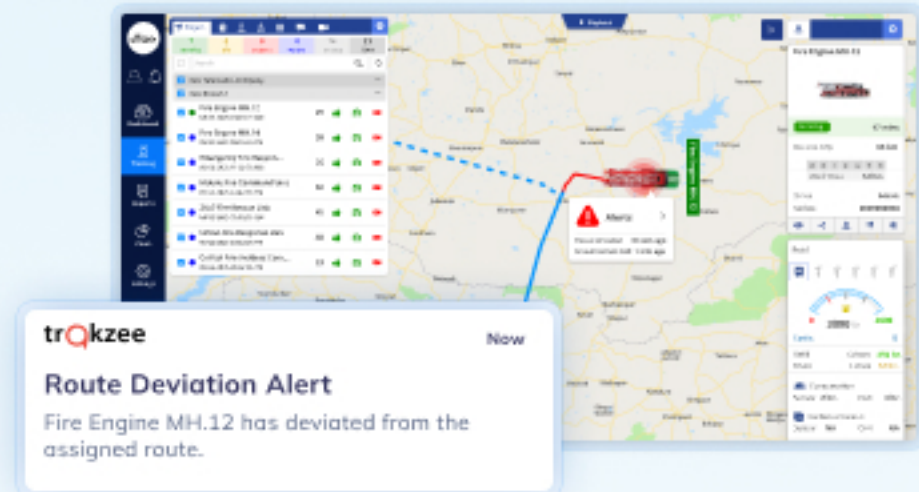
Problem

Control teams are not aware when vehicles take longer or wrong routes while heading to an incident.



Solution

Route deviation alerts notify the control team when a vehicle moves away from the expected route.



04 Crew safety during operations

Problem

Fire crew safety is difficult to monitor remotely.



Solution

SOS / panic alerts allow crew to send emergency signals.



05 Unauthorized stops or route deviations

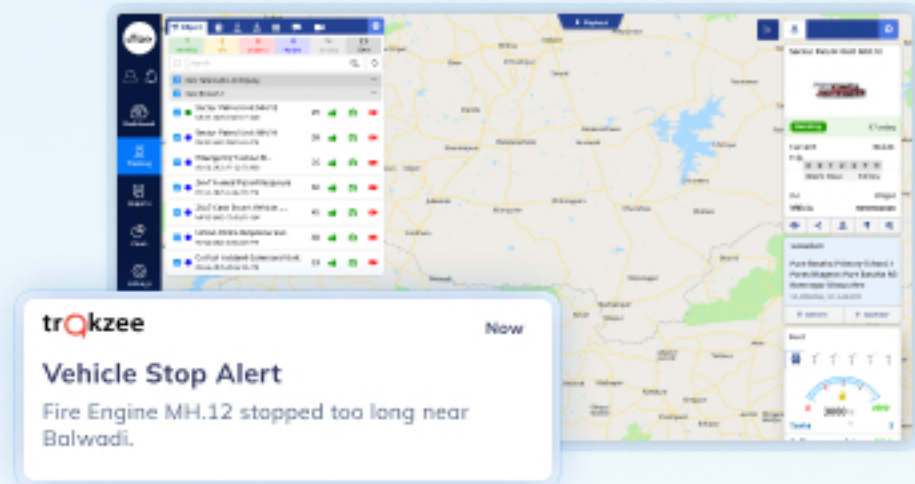
Problem

Vehicles stop or divert unintentionally during emergencies.



Solution

Stop and route deviation alerts notify control teams.



06 Lack of coordination at incident site

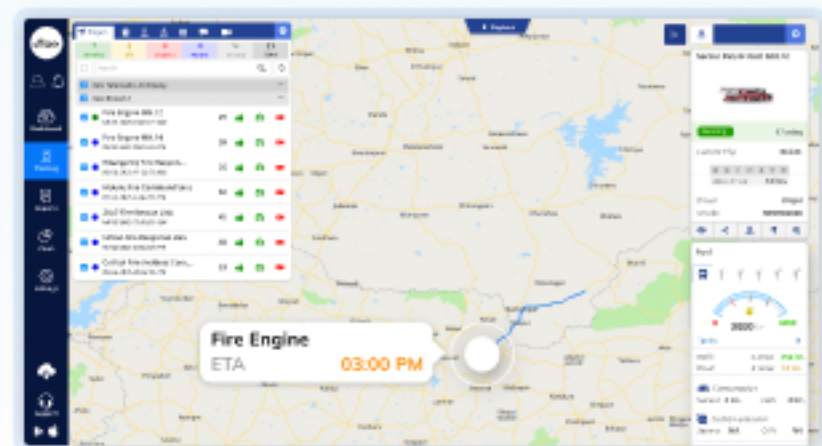
Problem

Control room cannot track which vehicle reached first.



Solution

Live arrival timestamps provide clear coordination.



07 No proof of response time

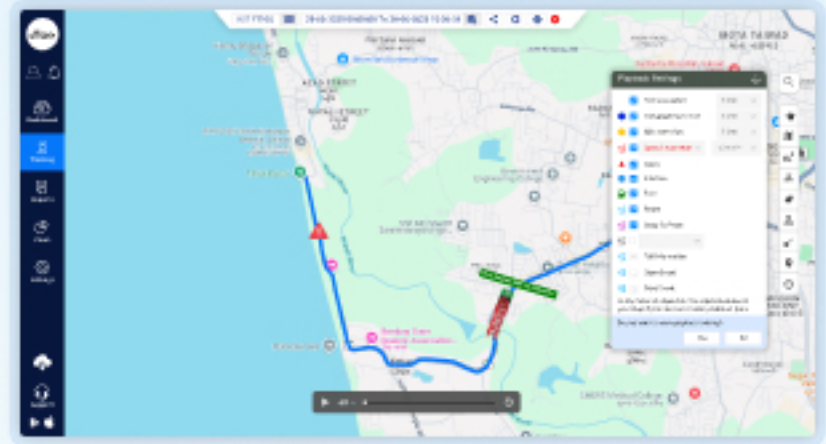
Problem

Authorities question response effectiveness later.



Solution

Trip playback shows dispatch time, route, and arrival.



08 Vehicle readiness issues

Problem

Fire vehicles break down during operations.



Solution

Maintenance alerts keep vehicles operational.



09 Post-incident reporting

Problem

Manual reports are slow and incomplete.



Solution

Automated incident and trip reports provide clear proof.

A screenshot of a software interface titled "Trip Matrix Summary [20-01-2020 13:00 AM - 20-01-2020 18:00 AM]". The interface displays a complex data table with multiple columns and rows, including a prominent orange header row. The table contains various numerical and categorical data points, likely representing trip logs or incident reports.

Result

Faster emergency response with better coordination and accountability.

35%

Faster response to fire and disaster calls

40%

Better coordination between multiple response vehicles

100%

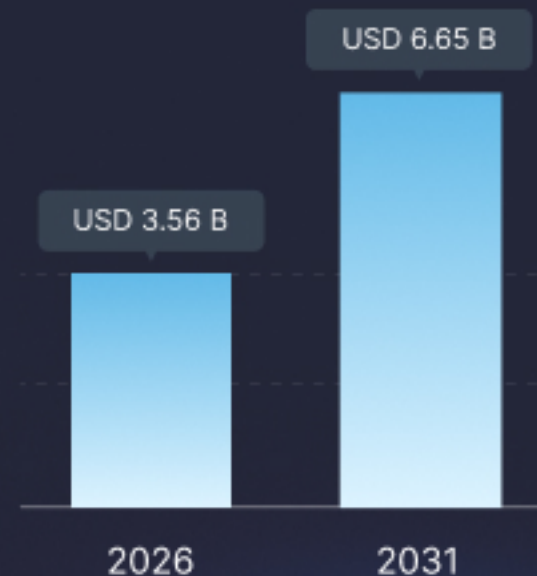
Availability of response-time data for post-incident audits

Pet Tracking Industry



Why this industry is a strong opportunity for you

Pets today are no longer just animals — they are family members. Pet owners are deeply concerned about their pet's safety, health, and well-being, especially when pets go outdoors, travel, or get lost. Pet Wearable market size in 2026 is estimated at \$3.56 billion, growing from 2025 value of \$3.14 billion with 2031 projections showing USD 6.65 billion, growing at 13.33% CAGR over 2026-2031.



Source: <https://www.mordorintelligence.com/industry-reports/pet-wearable-market>

Key problems you can solve



Pets getting lost or running away suddenly



No real-time location when a pet goes missing



Delayed recovery due to lack of tracking



Anxiety and stress when pets are outdoors



No alerts when pets leave safe areas



Difficulty tracking pets in open societies or parks



No history of where the pet has been

What you can offer with Uffizio



Live pet tracking



Safe zone & boundary alerts



Movement history & playback



Multi-pet monitoring



Alert & notification system



Activity & health monitoring

Benefits that help you close deals faster

- ✓ Complete solution for pet safety and well-being
- ✓ Live pet tracking and health monitoring in one platform
- ✓ Centralized system for tracking, health data, and management
- ✓ Tech-driven offering that creates a strong competitive edge
- ✓ Builds trust, improving customer retention and referrals
- ✓ Customizable solutions to meet different pet care needs
- ✓ Scalable software that supports business growth smoothly

Key reasons to invest in pet tracking software

A new revenue stream

Sell a trending product with high profit margin

Growing market demand

Pet parents brings about safety and this brings them in

White label opportunities

Allows you to offer the product under your own brand

Customized solutions

Adapt to client-specific pet care needs with customizable software

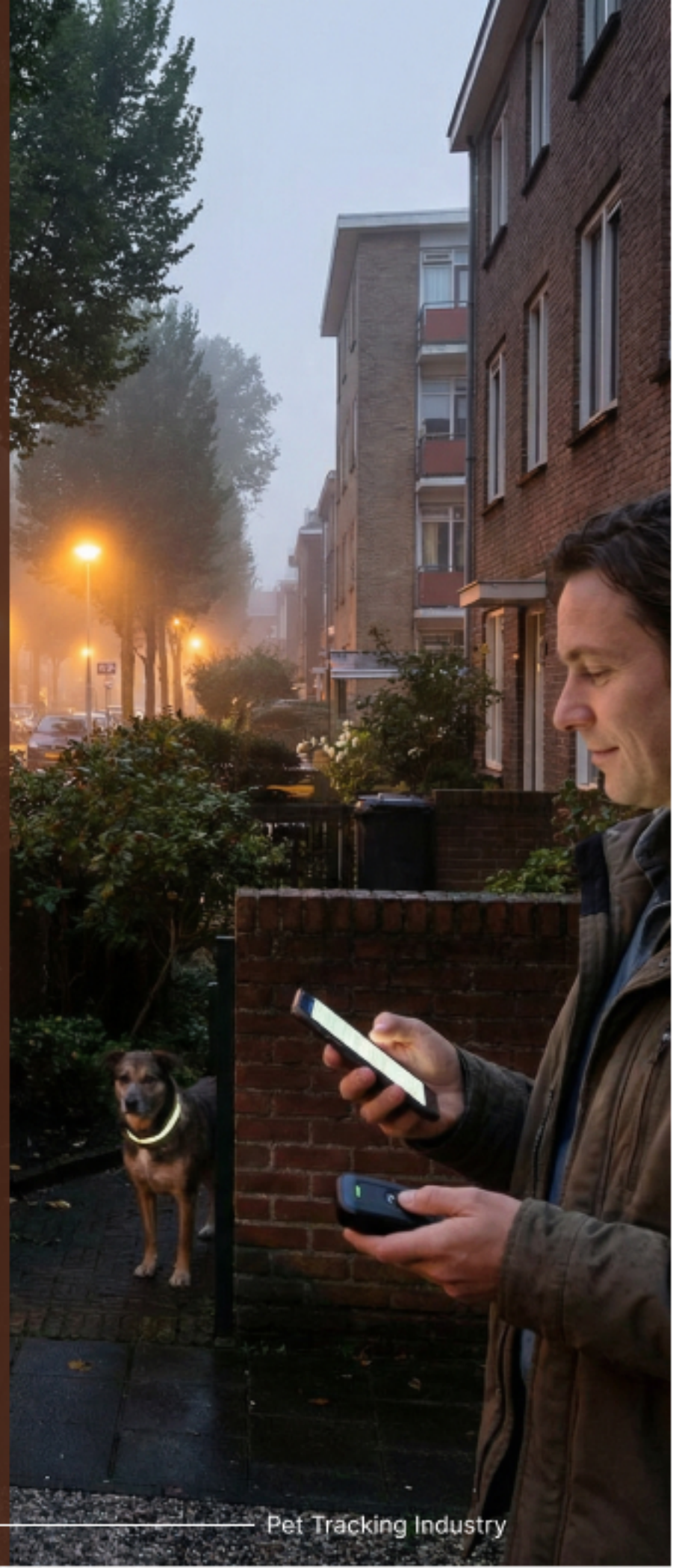


01

USE CASE

Lost pet recovery

Pets can run away unexpectedly due to noise, fear, or curiosity. When a pet goes missing, every minute matters. This use case shows how pet tracking helps owners find their pet quickly and safely.



01 Pet goes missing

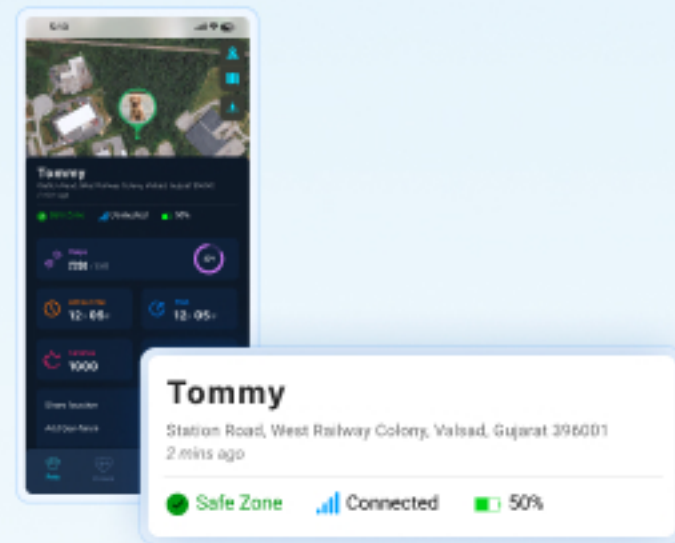
Problem

Owner has no idea where the pet went.



Solution

Live GPS tracking shows real-time location.



02 Panic and delay in search

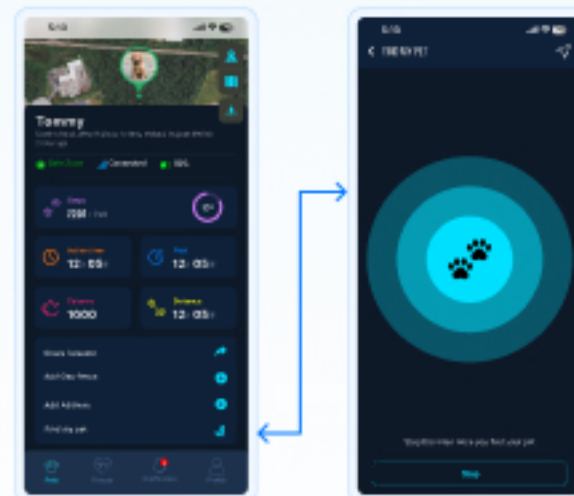
Problem

Manual searching wastes time.



Solution

Lost-pet mode enables continuous tracking.



03 Pet moves beyond familiar area

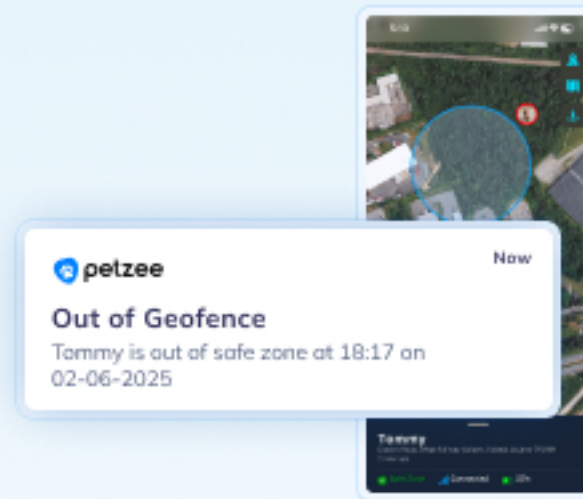
Problem

Pet leaves known surroundings.



Solution

Location updates and geofencing triggers alerts instantly



04 No direction for search

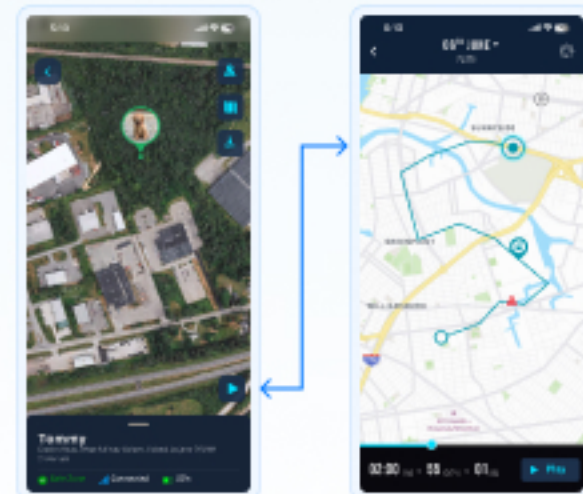
Problem

Owner doesn't know where to go.



Solution

Mobile app navigation guides owner to pet.



05 Need help from family or neighbours

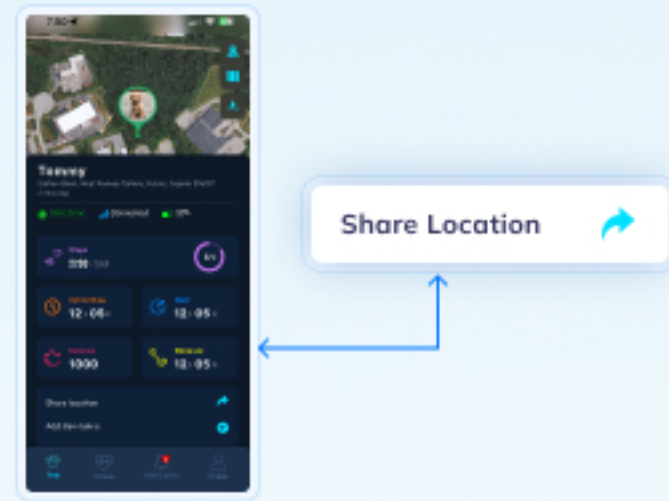
Problem

The owner cannot search alone and struggles to explain the pet's location to others.



Solution

Share pet location with family members, allowing everyone to search together in real time.



Result

Quicker recovery with reduced stress for pet owners.

78%

Faster pet recovery time

55%

Significant reduction in search effort

65%

Higher chances of safe return

02

USE CASE

Daily outdoor safety & monitoring

Many pets go outdoors daily for walks, play, or routine movement. Owners want freedom for their pets without compromising safety. This use case shows how pet tracking ensures safe outdoor activity.



01 Pet leaves home

Problem

Owner loses visibility once pet goes out.



Solution

Live tracking shows pet movement instantly.



02 Pet moves outside safe area

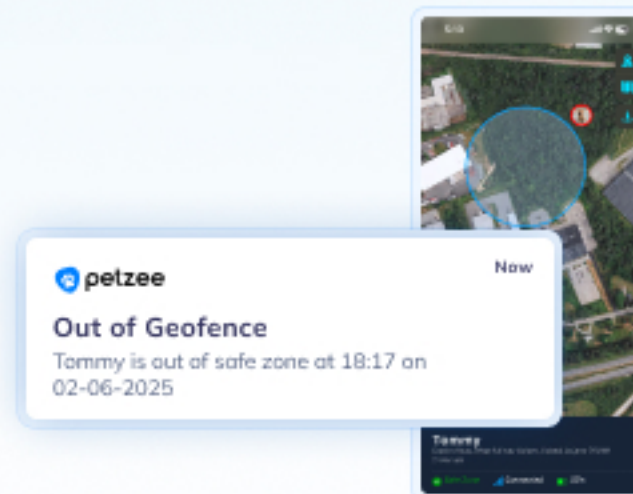
Problem

The pet may wander beyond the allowed or familiar area without the owner noticing.



Solution

Geofence alerts notify the owner instantly when the pet crosses the defined safe boundary.



03 Pet safety risks

Problem

Delays in locating missing pets increased the chances of accidents.



Solution

Historical movement tracking data helped identify frequent escape routes.



04 Multiple pets, single view

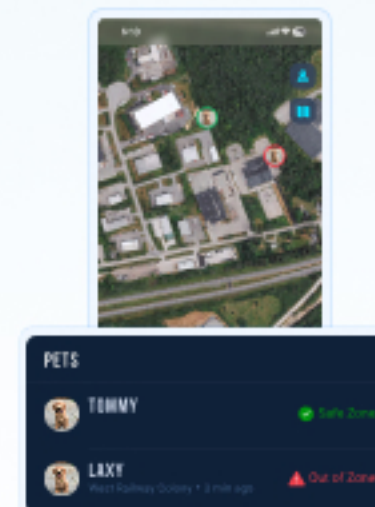
Problem

Owners with more than one pet struggle to track each pet separately.



Solution

Multiple pet tracking allows owners to track all their pets simultaneously from a single app.



05 Long-term health trend analysis

Problem

Pet owners often miss slow, gradual health changes that develop over weeks or months.



Solution

The system gives health trends by analyzing activity, sleep, etc that helps to identify issues



Result

Safer outdoor freedom with constant visibility.

67%

Reduction in lost-pet incidents

75%

Faster response to unsafe or unexpected pet movement

80%

Improvement in owner visibility during outdoor activity

03

USE CASE

Pet health monitoring & wellness tracking

Pets can't tell us when they're unwell. Changes in activity, sleep, or body behavior often go unnoticed until the problem becomes serious. Pet health monitoring through smart tracking helps owners and veterinarians understand a pet's daily health patterns and act early—before small issues turn into medical emergencies.



01 Continuous activity monitoring

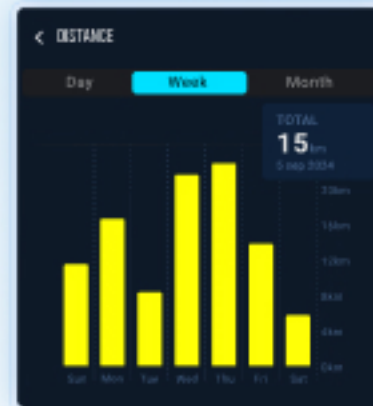
Problem

Owners don't know if their pet is suddenly becoming inactive.



Solution

The tracker monitors daily activity levels, walking patterns to highlight unusual drops or spikes.



02 Sleep & rest pattern tracking

Problem

Irregular sleep can be an early sign of stress, pain, or illness but often goes unnoticed.



Solution

The system tracks sleep duration and quality, helping owners spot changes in rest behavior.



03 Vital health indicators

Problem

Early health issues like fever, stress, or fatigue are hard to detect without visible symptoms.



Solution

Sensors monitor body temperature and movement trends, alerting owners if readings go beyond normal ranges.



04 Inactivity or unusual stop detection

Problem

If a pet stops moving for a long time, owners don't know if something is wrong.



Solution

Inactivity alerts inform owners when a pet stays in one place for too long.



05 Vet-ready health reports

Problem

Pet owners struggle to explain long-term health changes during vet visits.



Solution

The platform generates detailed health reports that can be shared with veterinarians for faster and more accurate diagnosis.



Result

Increase in owner confidence and peace of mind, even when pets are unattended

35%

Reduction in emergency vet visits through timely health alerts

25%

Improvement in overall pet activity levels due to consistent wellness monitoring

30%

Lower long-term medical expenses with preventive health interventions

Employee Transportation









Why this industry is a strong opportunity for you

Employee transportation today directly impacts workforce productivity, safety standards, and operational efficiency. The corporate employee transportation services market is expected to grow from USD 40.18 billion in 2025 to USD 42.3 billion in 2026, and is projected to reach USD 54.7 billion by 2031, growing at a CAGR of 5.27% during 2026–2031.



Source: <https://www.mordorintelligence.com/industry-reports/corporate-employee-transportation-service-market>

Real challenges faced in employee transportations

-  Employees don't know when the vehicle will arrive
-  No safety compliance, especially for female employees
-  Manual rosters and last-minute changes cause daily chaos
-  Delays lead to escalations and HR complaints
-  No confirmation of employee pickup or drop
-  Drivers deviating from routes or skipping pickups
-  Difficulty managing outsourced transport vendors
-  No clear data to resolve complaints or audit trips

What you can offer with **Uffizio**



Live employee vehicle tracking



Employee pickup & drop confirmation



Female first pickup & last drop restriction rule



Real-time ETAs and trip notifications



Automated route planning & geo-fencing



Driver behavior & speed monitoring



SOS & emergency alerts for employees

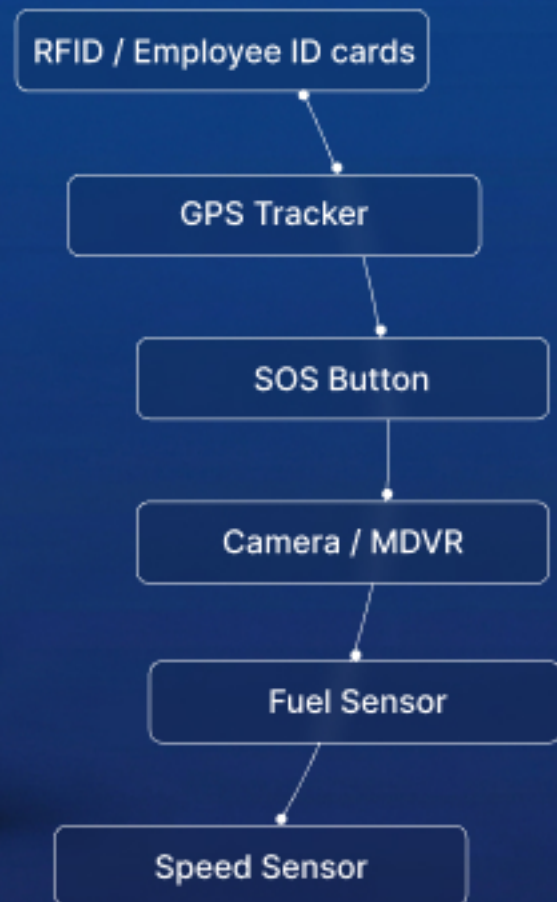


Trip history, attendance & compliance reports

Benefits that help you close deals faster

- ✓ Supports all vehicle operations in one platform
- ✓ Reduces cost by fuel and vehicle monitoring
- ✓ Ensures strict safety compliance for female employees
- ✓ Simplifies large-scale, multi-trip transport operations
- ✓ Reduces HR and admin coordination workload
- ✓ Improves employee punctuality and satisfaction
- ✓ Easy to deploy for transport partners

Hardware used in this Industry



01

USE CASE

Daily employee commute operations with complete visibility

Managing daily employee transportation is not just about assigning vehicles. It is about ensuring employees are picked up and dropped on time, safely, and with full operational transparency. This use case walks through a typical daily office commute using different vehicles for employee transportation management.



01 Vehicle starts from the designated start point

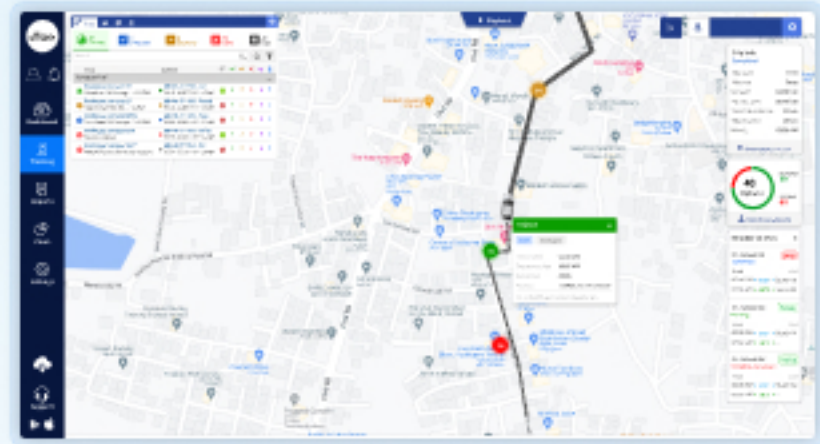
Problem

No visibility once the vehicle leaves start point.



Solution

Live GPS tracking for all assigned vehicles on a centralized platform.



02 Route execution

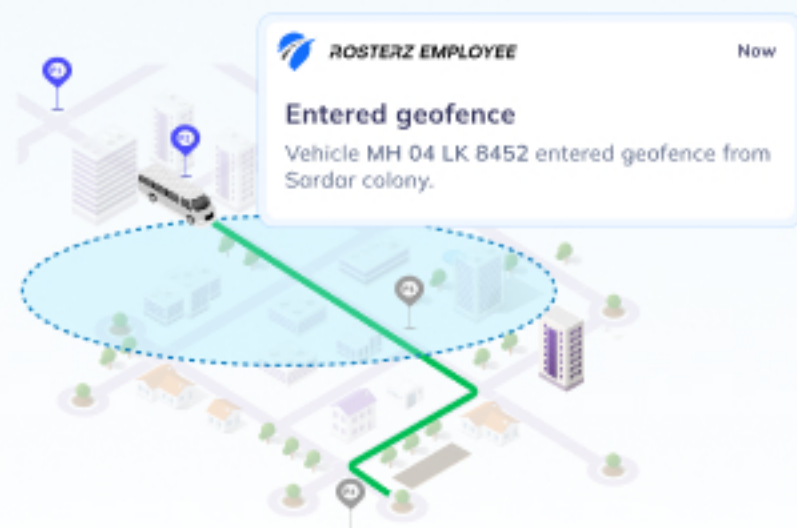
Problem

Drivers may delay pickups or deviate from planned routes.



Solution

Predefined routes with geo-fencing and route deviation alerts ensure discipline.



03 Vehicle approaches pickup point

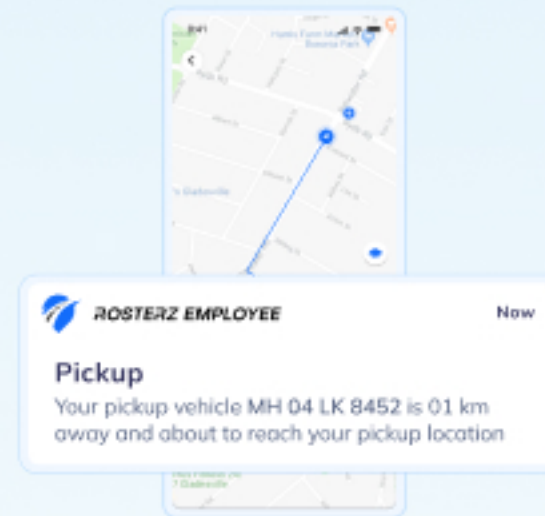
Problem

Employees are unsure about vehicle arrival time.



Solution

Automated ETA notifications are sent before the vehicle reaches the pickup location.



04 Employee pickup and drop confirmation

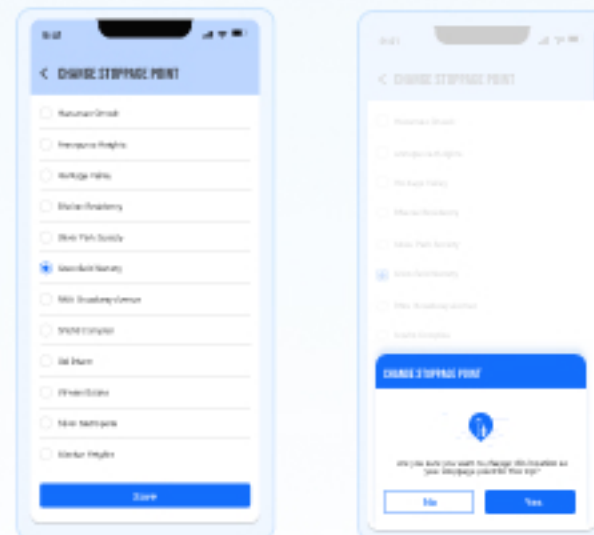
Problem

Disputes around missed or skipped pickups and drops.



Solution

Pickup and drop is digitally confirmed with location stamps.



05 Monitoring during transit

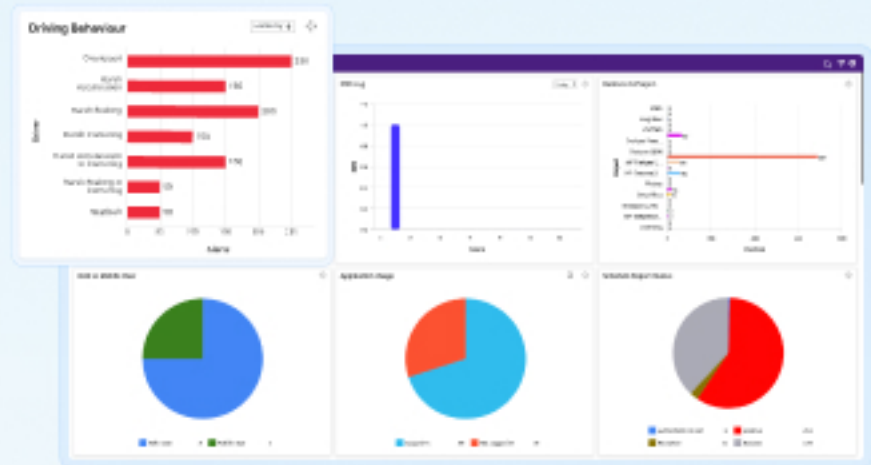
Problem

Unsafe driving and overspeeding increase risk.



Solution

Speed monitoring and driver behavior analysis ensure safer trips.



Result

Clear utilization data helps construction teams reduce idle cost, improve productivity, and extend equipment life.

45%

Improvement in vehicle utilization

35%

Reduction in daily hr complaints

30%

Improvement in on-time pickups and drop-offs

02

USE CASE

Female safety preference with mandatory pickup & drop rules

Employee safety is a priority for every organization, especially when female employees are part of shared transportation routes. This use case shows how Rosterz ensures female employees are picked up and dropped during the middle of the journey, ensuring continuous presence of other employees throughout the trip.



01 Trip creation from employee roster

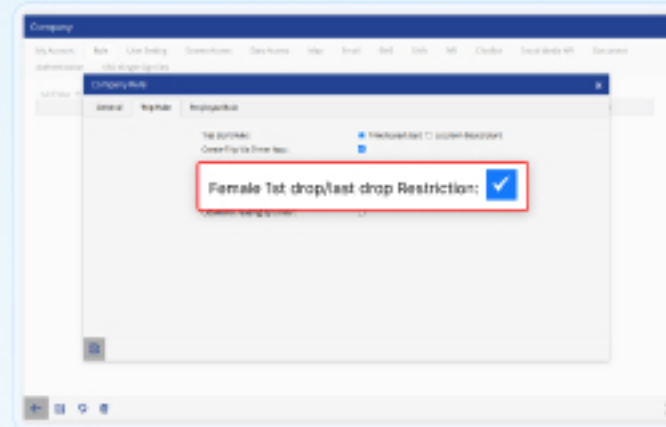
Problem

Manual planning misses safety rules.



Solution

Trips are generated from employee rosters with predefined safety conditions applied.



02 Mid-journey pickup planning for female employees

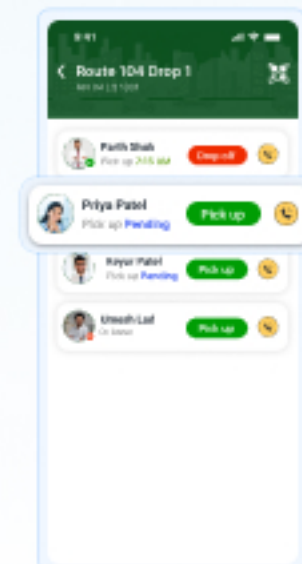
Problem

Female employees picked up first. They travel alone in the vehicle.



Solution

The system plans routes so female employees are picked up after the trip has already started.



03 Location visibility

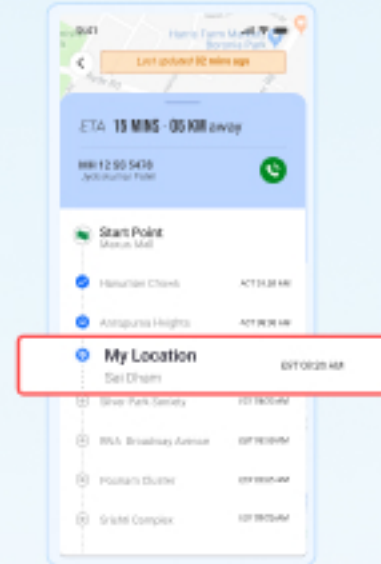
Problem

Female employees cannot see their pickup/drop position in the route.



Solution

The app shows the full trip sequence and highlights their exact position, ensuring they are not picked first or dropped last.



04 Restricted start and end point selection

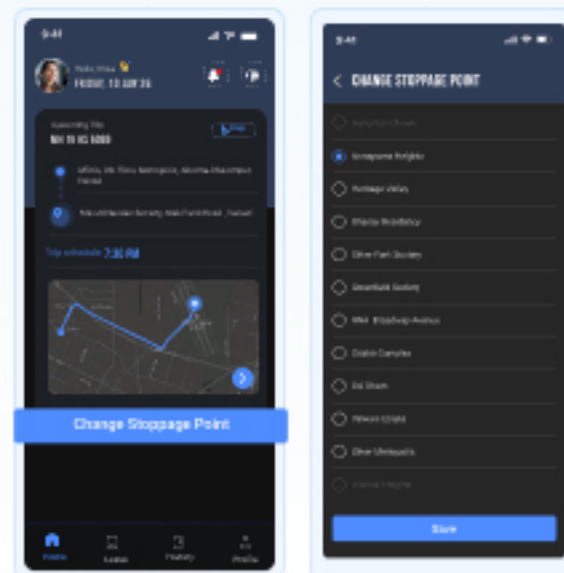
Problem

Female employees may accidentally select the first pickup or last drop location.



Solution

The system disables start and end points during location selection, preventing unsafe assignments.



05 Female last drop enforcement

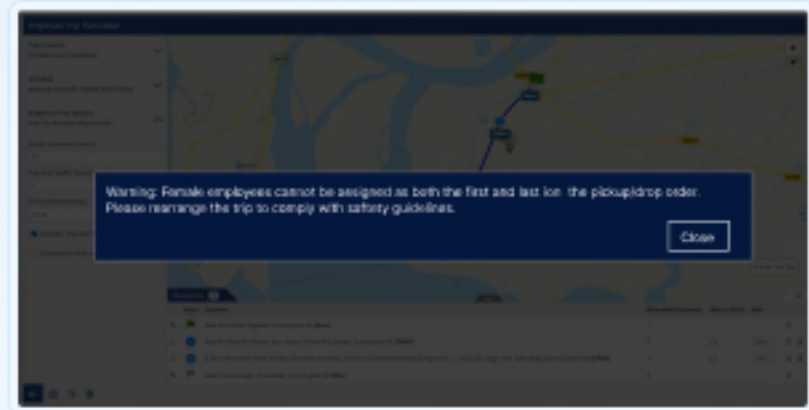
Problem

Female employees dropped after others.



Solution

The system ensures female employees are dropped before the final drop, so the vehicle continues its journey with other employees onboard.



Result

Employee transportation becomes safer, more trusted and policy-driven.



Improvement in safety policy compliance



Increase in female employee confidence



Reduction in legal and reputational risk

03

USE CASE

Adhoc trip booking for one-time employee travel

Not all employee trips are planned in advance. There are situations where a single employee needs a one-time pickup or drop, outside the regular transport plan. Handling such requests manually leads to confusion, delays, and missing records. This use case shows how Rosterz Employee's Adhoc Trip Booking makes one-time employee travel simple, secure, and fully trackable.



01 Need for a one-time, time-based trip

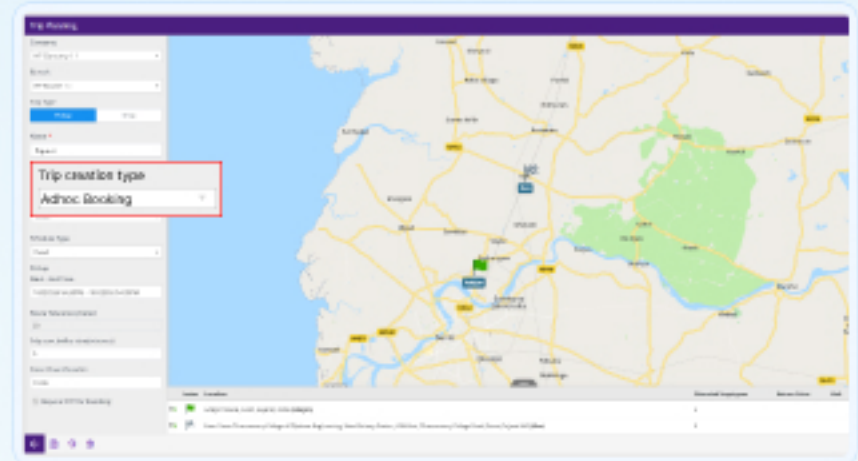
Problem

Transport teams struggle to manage one-time employee pickups or drops without creating full routes.



Solution

An Adhoc trip is created as a time-based trip without requiring routes or checkpoints.



02 OTP-based trip start and end

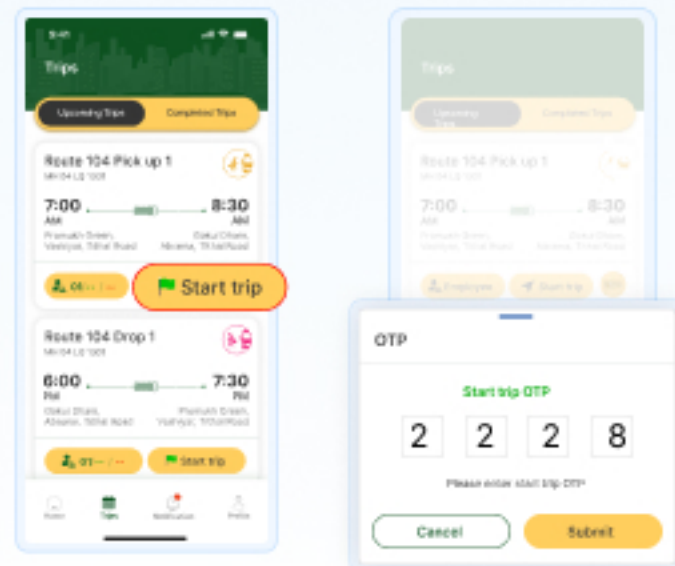
Problem

No confirmation whether the correct trip has started.



Solution

The driver must enter an OTP to start the trip, confirming the right employee and trip.



03 OTP-based trip end

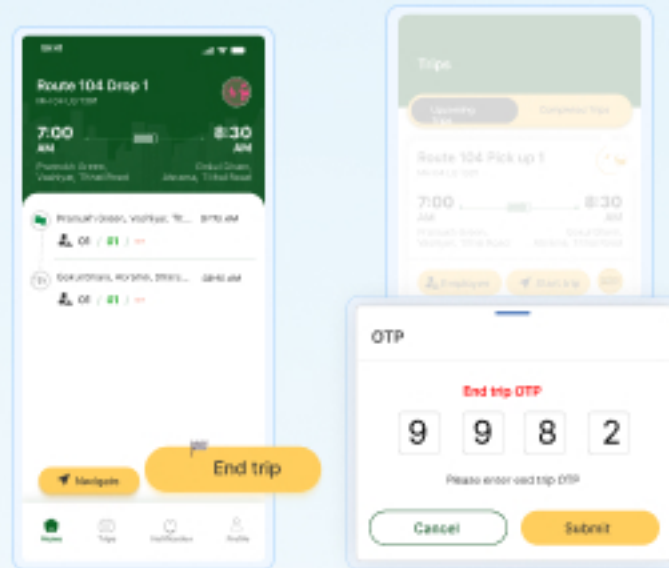
Problem

No confirmation whether the correct trip has ended.



Solution

The driver must enter an OTP to end the trip, confirming the right employee and trip.



04 Corporate visitor travel support

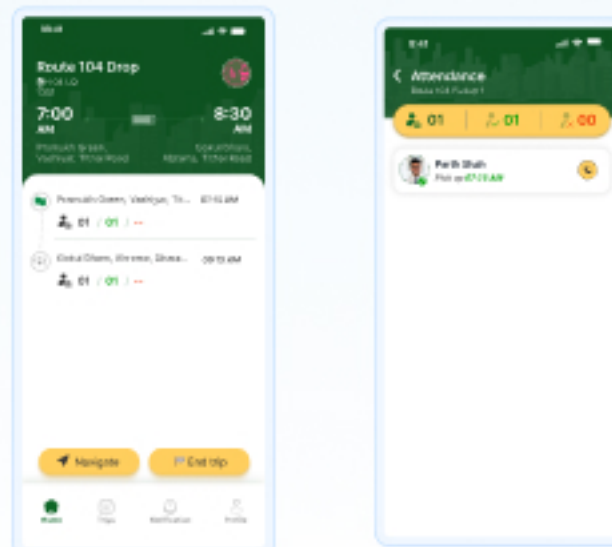
Problem

Corporate visitors need dedicated transport without fixed routes.



Solution

Adhoc trips provide secure, trackable travel with visibility for management and driver.



05 Live vehicle tracking

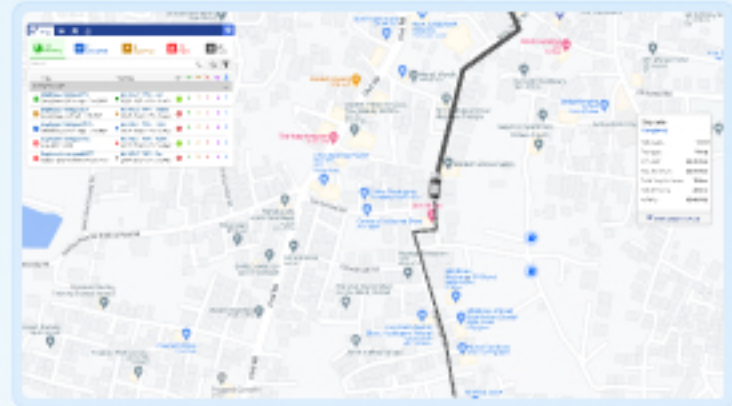
Problem

No visibility once the vehicle is on the move



Solution

The vehicle is tracked live on the web portal.



Result

Adhoc employee trips become fast, secure and easy to manage.

45%

Easier to manage one-time trips made

40%

Fewer trip errors with otp verification

50%

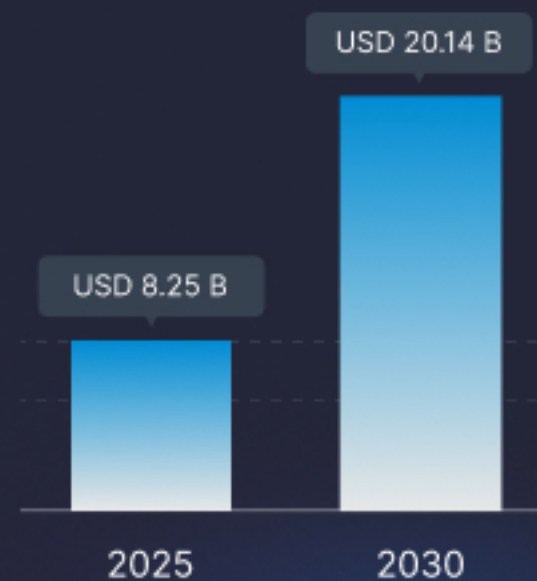
Improved visibility with live vehicle tracking

Electric Vehicle










Why this industry is a strong opportunity for you

The electric vehicle industry is moving from early adoption to large-scale commercial deployment. Governments are pushing sustainability goals, fuel prices remain unpredictable, and businesses are actively transitioning to electric fleets to reduce long-term operating costs. The electric vehicle telematics market size is valued at USD 8.25 billion in 2025 and is projected to reach USD 20.14 billion by 2030, reflecting a robust 19.54% CAGR through the forecast period.



Source: <https://www.mordorintelligence.com/industry-reports/electric-vehicle-telematics-market>

Key problems you can solve

-  Battery range uncertainty
-  Lack of visibility into battery health
-  Inefficient charging schedules
-  Difficulty managing mixed EV fleets
-  High energy consumption due to poor driving behavior
-  No early warning for low battery situations
-  Limited reporting on EV performance metrics

What you can offer with Uffizio



Real-time
battery status
monitoring



Energy
consumption
tracking



State of Charge &
battery health
insights



Predictive alert



Driver behavior
analysis



Centralized
dashboard



Detailed EV
performance reports

Benefits that help you close deals faster

- ✓ Reduced operational risk with proactive battery and charge monitoring
- ✓ Improved vehicle uptime, especially for route-based operations
- ✓ Extended battery life, protecting high-value EV investments
- ✓ Clear ROI visibility, making EV adoption more predictable
- ✓ One solution for mixed fleets, avoiding multiple systems

Why you should invest in Our EV management solution



Scalable solution

Works for small projects and large fleets alike.

Accurate battery insights

Helps track battery performance and avoid sudden issues.

Strong support & training

Ongoing help to ensure smooth setup and usage.

Flexible customization

Can be adjusted to fit different client needs.

01

USE CASE

Electric bus operations for public transport authorities

Electric buses are now a core part of city public transport systems. Authorities must ensure bus availability, route reliability, and passenger service continuity, while managing charging, power constraints, and reporting pressure.

This use case shows how Elexee helps electric bus authorities run daily operations smoothly and predictably.



01 Peak-hour bus shortage

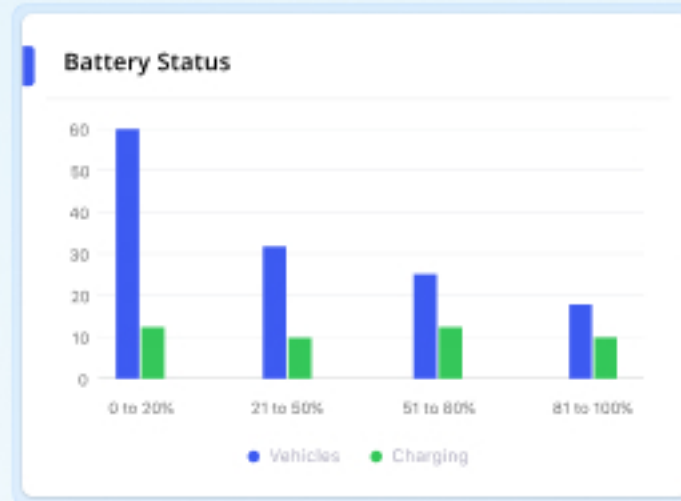
Problem

Some buses are not fully charged or ready during morning and evening rush hours.



Solution

Elxee provides real-time charging status, ensuring buses are prepared before dispatch.



02 Charging queue at depots

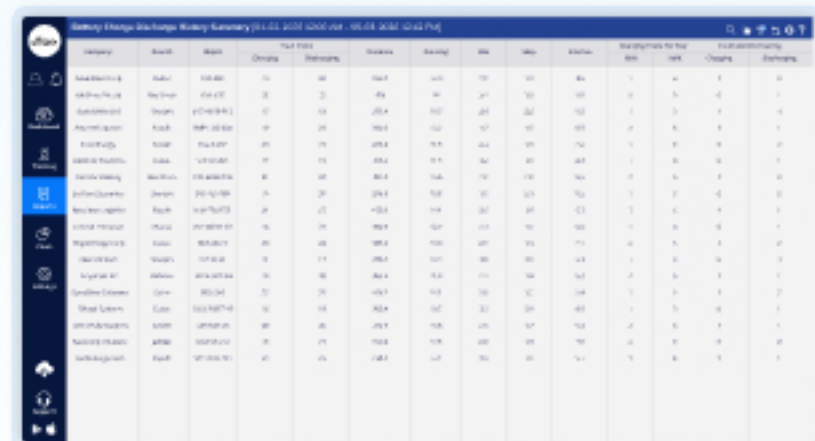
Problem

Limited chargers cause buses to wait and delay routes.



Solution

Charging history and usage data help to plan charging schedules.



Vehicle	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 1	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 2	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 3	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 4	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 5	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 6	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 7	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 8	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 9	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge
Vehicle 10	Brand	Model	Capacity	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge	Charging	Discharge

03 Power outages at charging stations

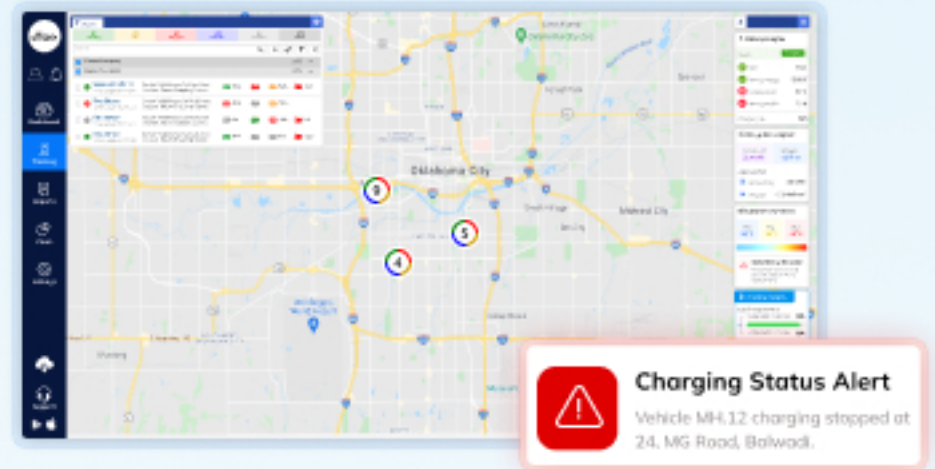
Problem

Grid issues disrupt overnight or mid-day charging.



Solution

Charging disconnection alerts help depots take quick action.



04 Unreliable real-world range

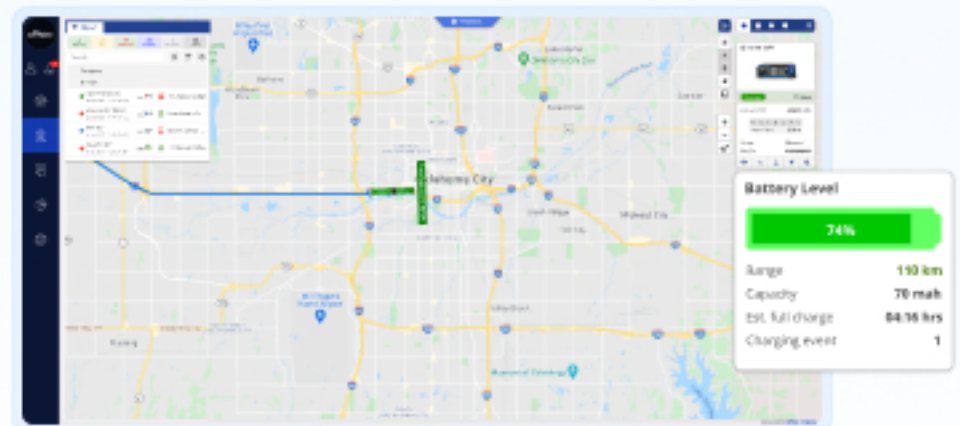
Problem

Actual range changes due to traffic and passenger load.



Solution

Elxee tracks real route-wise energy usage to estimate usable range.



05 Battery degradation across fleet

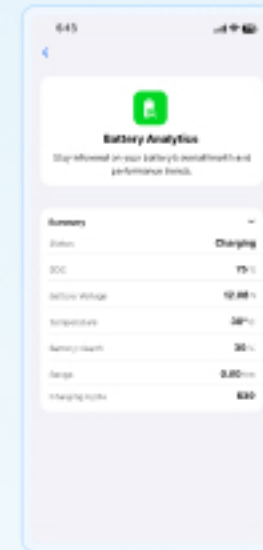
Problem

Some buses lose range faster, without early warning.



Solution

Battery health trends highlight underperforming buses early.



Result

More reliable public transport with confident EV operations.

35%

Improvement in peak-hour bus availability

30%

Reduction in route disruptions

45%

Less charging delays through planned usage

02

USE CASE

Electric two-wheeler fleets for food & hyperlocal delivery

Electric two-wheelers are widely used for food delivery, grocery delivery, pharmacy drops, and hyperlocal logistics.

These fleets operate under high delivery pressure, tight timelines, and continuous stop-and-go traffic.

The biggest challenges are not just route delays — but battery drain, rider behavior, and unplanned charging interruptions.



01 Battery drain during delivery rush

Problem

Riders run out of charge mid-shift, causing delivery delays and customer complaints.



Solution

Live battery monitoring shows real-time charge level and remaining range for every vehicle.



02 Unplanned charging & downtime

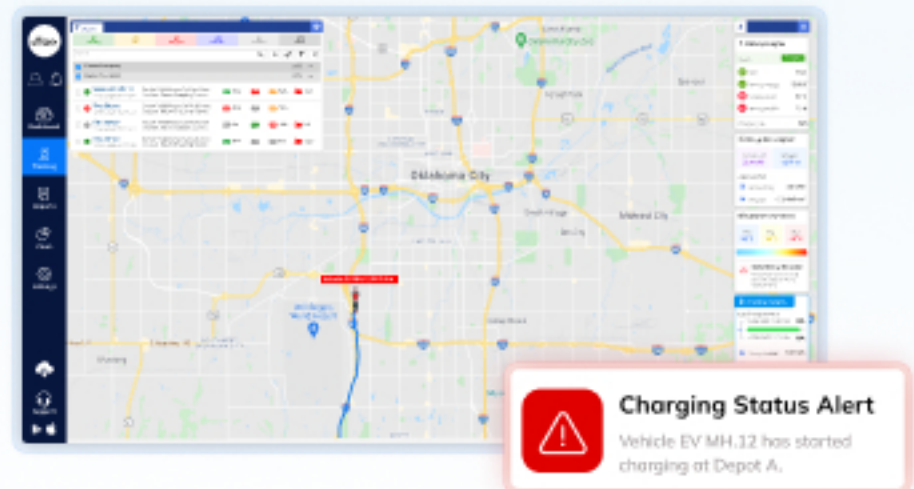
Problem

Riders stop for charging without informing supervisors.



Solution

Charging status alerts notify when vehicles start and stop charging.



03 No visibility on rider location

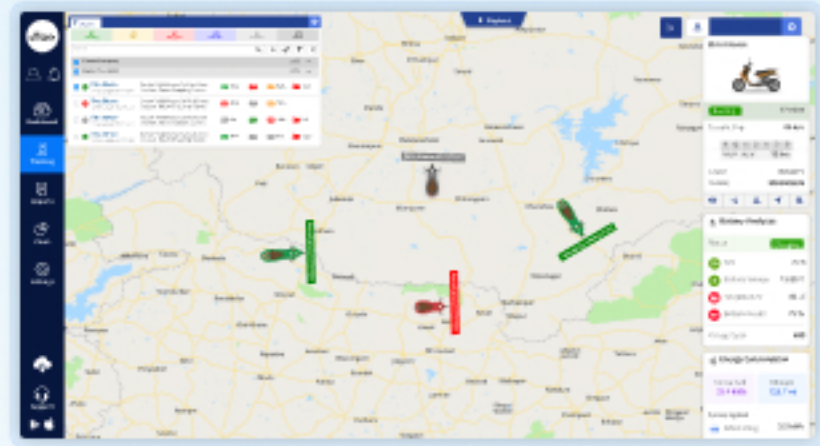
Problem

Operations teams cannot track multiple riders at once.



Solution

Live tracking dashboard with continuously updated ETA.



04 Range anxiety & route planning

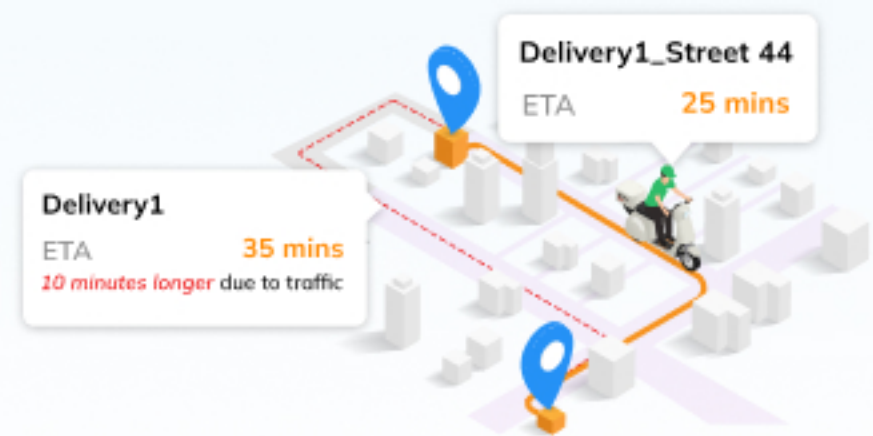
Problem

Riders avoid longer routes fearing battery shortage.



Solution

Route planning based on battery level and delivery distance.



05 Vehicle misuse beyond assigned zone

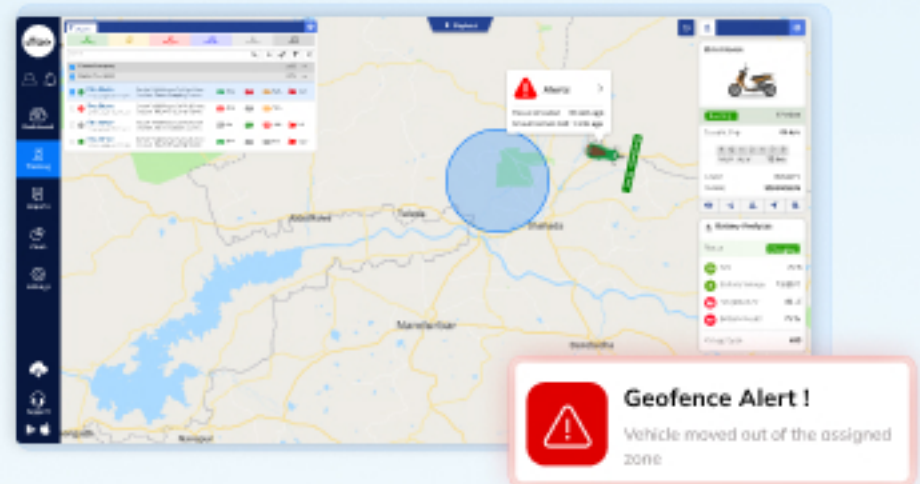
Problem

Vehicles are used for personal tasks outside delivery zones.



Solution

Geofencing alerts when vehicles move outside approved areas.



Result

Electric two-wheeler fleets operate with controlled charging, optimized routes, and improved rider accountability.

28%

Reduction in battery-related delivery delays

22%

Improvement in delivery efficiency

18%

Increase in average battery life

03

USE CASE

Electric rental & commercial EV fleets

Electric rental fleets and commercial EV operators manage vehicles that are used by multiple drivers across shifts or clients. The challenge is not just tracking — it's managing battery health, usage patterns, charging compliance, and asset protection.



01 Battery health degradation

Problem

Frequent fast charging and improper usage reduce battery life.



Solution

Battery health monitoring tracks charging cycles, depth of discharge, and performance trends.



02 Improper charging practices

Problem

Drivers charge vehicles inconsistently.



Solution

Charging behavior reports and location-based charging tracking.

A screenshot of a charging behavior report dashboard. The dashboard shows a table with columns for 'Station', 'Name', 'Status', 'Cycle', '1st Chg', '2nd Chg', '3rd Chg', '4th Chg', '5th Chg', '6th Chg', '7th Chg', '8th Chg', '9th Chg', '10th Chg', '11th Chg', '12th Chg', '13th Chg', '14th Chg', '15th Chg', '16th Chg', '17th Chg', '18th Chg', '19th Chg', '20th Chg'. The table contains data for various stations and their charging cycles. The dashboard also includes a sidebar with navigation options like 'Home', 'Reports', 'Settings', and 'Help'.

03 No visibility on energy consumption per vehicle

Problem

Operators cannot compare which vehicles consume more energy.



Solution

Energy consumption analytics with vehicle-wise comparison.



Vehicle	Brand	Model	Capacity	Energy	Cost	Efficiency	Range	Charging	Health	Status
EV001	Tesla	Model S	75 kWh	12000	12000	100%	300	100%	Good	Active
EV002	BMW	i4	70 kWh	11000	11000	100%	280	100%	Good	Active
EV003	Mercedes	EQS	100 kWh	15000	15000	100%	400	100%	Good	Active
EV004	Vauxhall	Ampera-e	50 kWh	8000	8000	100%	200	100%	Good	Active
EV005	Hyundai	Ioniq	64 kWh	10000	10000	100%	250	100%	Good	Active
EV006	Volvo	XC40	78 kWh	13000	13000	100%	320	100%	Good	Active
EV007	Peugeot	Ionium	65 kWh	9500	9500	100%	230	100%	Good	Active
EV008	Renault	Zoe	40 kWh	6000	6000	100%	150	100%	Good	Active
EV009	Nissan	Leaf	62 kWh	9000	9000	100%	220	100%	Good	Active
EV010	Ford	Mustang Mach-E	91 kWh	14000	14000	100%	350	100%	Good	Active

04 Vehicle idle time & underutilization

Problem

Some EVs remain parked while others are overused.



Solution

Utilization reports showing trip frequency and active hours.



Vehicle	Brand	Model	Capacity	Energy	Cost	Efficiency	Range	Charging	Health	Status
EV001	Tesla	Model S	75 kWh	12000	12000	100%	300	100%	Good	Active
EV002	BMW	i4	70 kWh	11000	11000	100%	280	100%	Good	Active
EV003	Mercedes	EQS	100 kWh	15000	15000	100%	400	100%	Good	Active
EV004	Vauxhall	Ampera-e	50 kWh	8000	8000	100%	200	100%	Good	Active
EV005	Hyundai	Ioniq	64 kWh	10000	10000	100%	250	100%	Good	Active
EV006	Volvo	XC40	78 kWh	13000	13000	100%	320	100%	Good	Active
EV007	Peugeot	Ionium	65 kWh	9500	9500	100%	230	100%	Good	Active
EV008	Renault	Zoe	40 kWh	6000	6000	100%	150	100%	Good	Active
EV009	Nissan	Leaf	62 kWh	9000	9000	100%	220	100%	Good	Active
EV010	Ford	Mustang Mach-E	91 kWh	14000	14000	100%	350	100%	Good	Active

05 Range planning for commercial trips

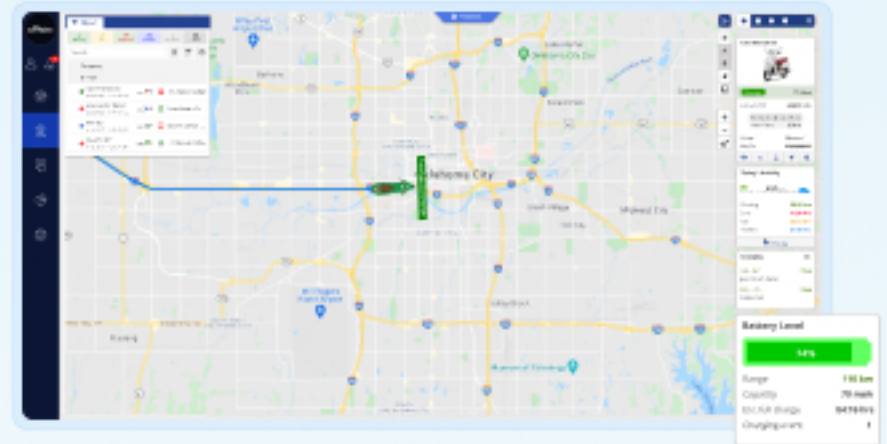
Problem

Long-distance trips risk mid-route charging delays.



Solution

Dynamic range estimation with live battery data.



Result

Electric rental and logistics fleets operate with improved battery health control, higher utilization and predictable performance

30%

Improvement in fleet utilization

25%

Reduction in battery degradation risks

20%

Lower operational energy costs

Public Transportation

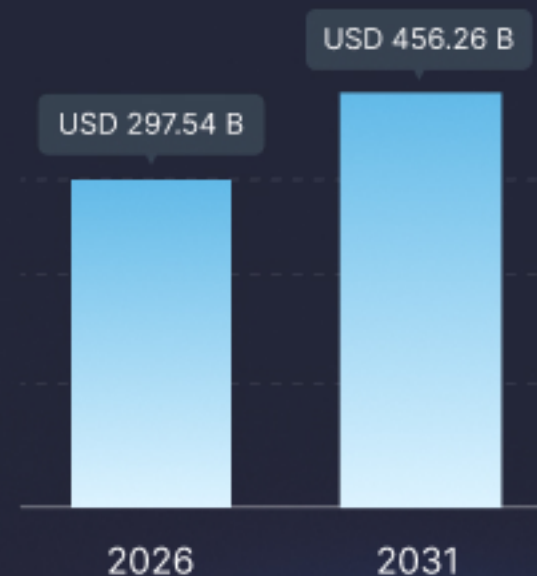


801	Маяк	19.52V
062	Светлый	19.52V
251	Светлый	19.29V
353	Светлый	19.10V











Why this industry is a strong opportunity for you

As urban populations increase, cities are under pressure to provide reliable, transparent, and efficient public transport services. The public transportation market was valued at USD 273.14 billion in 2025 and estimated to grow from USD 297.54 billion in 2026 to reach USD 456.26 billion by 2031, at a CAGR of 8.93% during the forecast period (2026-2031).



Source: <https://www.mordorintelligence.com/industry-reports/public-transportation-market>

Real challenges faced in public transportation

-  Passengers don't know the bus location
-  No accurate arrival time information at stops
-  Overcrowding without real-time visibility
-  Delays and service gaps create passenger frustration
-  No centralized control over routes, depots, and vehicles
-  Limited visibility into driver performance
-  Complaints without data to verify incidents
-  Manual reporting and poor planning insights

What you can offer with Uffizio



Historical trip data
and analytics



Real-time passenger
information



Estimated arrival
times at stops



Route, stop, and
depot management



Vehicle assignment
and scheduling



Driver behavior and
speed monitoring



Announcements and
service alerts



Incident and
breakdown reporting

Benefits that help you close deals faster



GTFS supported



Reduces daily commuter complaints



Enhances operational visibility for authorities



Supports data-driven route and schedule planning



Improves driver discipline and safety



Strengthens city's smart mobility image



Scalable across cities, regions, and fleets



Improves passenger satisfaction and trust

Hardware used in this Industry



01

USE CASE

Daily city bus operations with live passenger information

For most passengers, public transport experience depends on predictability. Knowing when the bus will arrive and whether it is on route makes all the difference.

This use case shows how a public transportation system improves daily bus operations and passenger experience from depot to destination.



01 Bus starts from depot

Problem

No visibility once the bus leaves the depot.



Solution

Live GPS tracking activates and displays the bus location on the control dashboard.



02 Route execution

Problem

Buses may run late or deviate without notice.



Solution

Assigned routes are monitored with deviation alerts for operators.



05 Monitoring operations

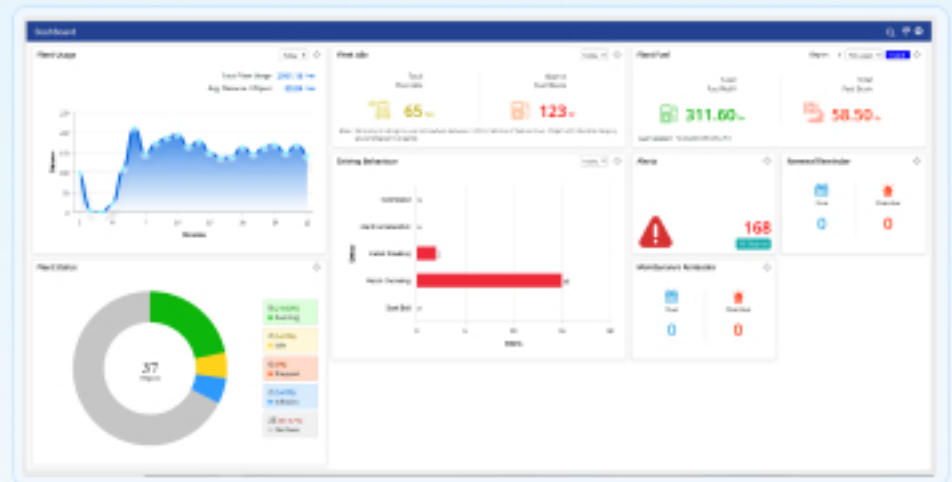
Problem

Authorities lack real-time operational oversight.



Solution

Central dashboard shows fleet status, delays, and service performance.



Result

Public transportation operations become more reliable, predictable and passenger-friendly.

25%

Reduction in passenger waiting time

30%

Improvement in on-time bus arrivals

35%

Fewer passenger complaints



Turn Your Implementation into Inspiration

If you've successfully deployed any of these use cases or built something unique that goes beyond this book?



Scan here and upload your use case

uffizio»

www.uffizio.com