

ADVANCED FLEET MANAGEMENT SOFTWARE

EBOOK



PURPOSE OF THIS EBOOK

Fleet management is no longer just about tracking vehicles—it's about enhancing productivity, reducing operational inefficiencies, and meeting diverse business needs. This eBook is designed specifically for system integrators to explore how Trakzee can empower them to deliver fleet management solutions to their clients.

Through this eBook, you will:

Gain insights into the **challenges** faced by fleet managers and how Trakzee resolves them.

Explore **Trakzee's** versatile features, provides practical solution to improve productivity.

Equip yourself with the knowledge to serve your clients with Trakzee as a value-driven solution.

By the end of this eBook, you'll have a clear understanding of how Trakzee transforms fleet management and strengthens your offerings as a trusted partner.

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INTRODUCTION



“ Advanced fleet management software is designed to streamline fleet operations. It empowers businesses with tools for live tracking, proactive maintenance, driver behavior monitoring, and real-time insights. It helps your clients improve efficiency, safety, and cost control. By integrating advanced technology with user-centric design, the software adapts to diverse industries and operational needs. ”





**WHY FLEET MANAGEMENT IS A
BIG OPPORTUNITY FOR YOU?**



Deliver accurate insights

Provide actionable analytics to improve operational efficiency and fleet performance for clients.



Unlock revenue growth

Tap into new business opportunities and drive consistent revenue streams with innovative offerings.



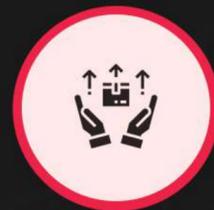
Ensure seamless integration

Offer smooth implementation with existing systems, enhancing value and reducing transition time.



Expand service offerings

Diversify your solutions with customizable and scalable fleet management tools tailored to client needs.



Strengthen client partnerships

Build trust and long-term collaborations with clients by delivering reliable and impactful results.





CHALLENGES IN **FLEET OPERATIONS**





1

Fuel theft and unmonitored consumption

Lack of tracking for fuel refills, drains, and usage increases the risk of theft and hidden operational losses.

2

Unsafe and untracked driving behavior

Inadequate tracking of driving habits such as harsh braking and speeding compromises safety.

3

Unmonitored and missed maintenance

Failing to track maintenance schedules leads to vehicle downtime, costly repairs, and reduced operational efficiency.

4

Inefficient route and job allocation

Improper route assignments and misaligned tasks cause delays, higher fuel consumption, and reduced productivity.

5

Underutilized assets

Difficulty in tracking vehicle and equipment usage leads to idle resources and higher operational inefficiencies.

6

Compliance and regulatory challenges

Adapting to ever-changing compliance requirements, such as emissions standards and tax regulations, becomes complex without automated systems.



SOLUTION THROUGH FEATURES



Fleet management requires a unified approach to tackle various challenges, from operational inefficiencies to safety risks. Our advanced software offers a suite of interconnected features. It is designed to provide accurate insights, streamline workflow, and ensure compliance. By utilizing tools like real-time tracking, driver behavior monitoring, fuel management, and automated maintenance alerts, businesses can optimize operations, minimize costs, and enhance fleet safety. This section explores how each feature plays a vital role in transforming fleet operations into a seamless and efficient process.



Dashboard



Live tracking



Reports



Charts

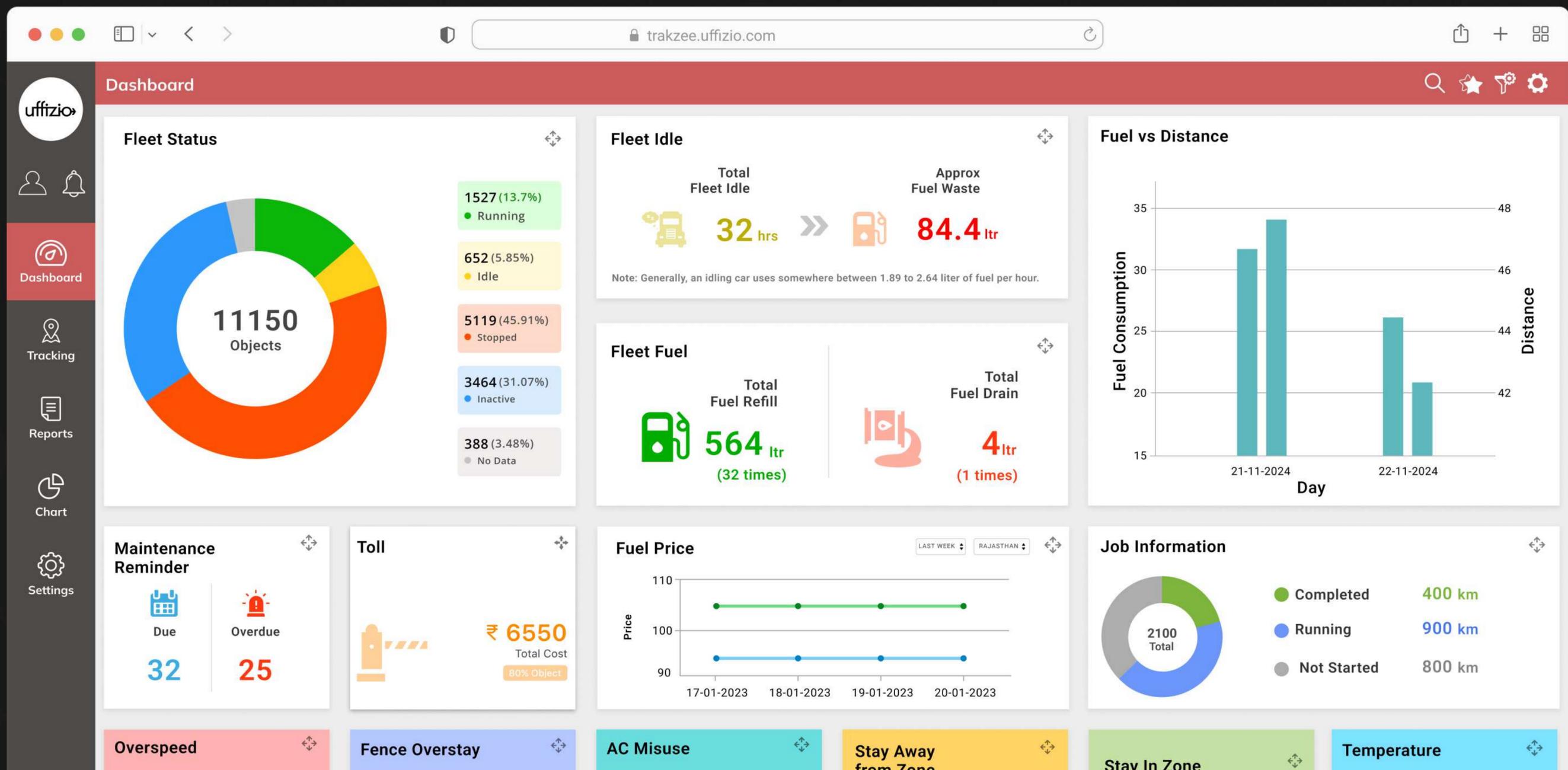


Alerts



INFORMATIVE DASHBOARD

Gain quick, real-time and actionable insights with our user friendly yet highly customisable dashboard. Track fleet activities, manage and monitor operations—all in one place, tailored to suit your client's preferences.



KEY INSIGHTS



1

Interactive data visualization

Graphical widgets provide clear insights into operations. This helps users to make informed decisions faster.

2

Customizable widget layout

Drag, drop, and prioritize widgets such as fleet activity, fleet logs, technicians, parts inventory, and tariffs. Choose what matters most to display on your screen.

3

Expandable widgets

Dive deeper into the data by expanding widgets. Clicking on icons reveals detailed insights in tabular or written formats, offering a clearer understanding of critical information.

4

User-specific dashboards

Differentiate views for company users and admin users, offering role-specific insights for better control and decision-making.

BENEFIT

Enables quick decision-making by providing a clear view of fleet data—all accessible in one place.

LIVE TRACKING

Monitor your fleet with a single screen designed to do it all—track vehicle locations, oversee daily vehicle activities and much more. Customize the view to suit your needs and keep everything at your fingertips for effortless live tracking.

The screenshot displays the Uffizio live tracking interface. At the top, the browser address bar shows 'trakzee.uffizio.com'. The main area is a map with a green truck icon and a blue route line. A sidebar on the left contains navigation icons for 'uffizio', 'Dashboard', 'Tracking', 'Reports', 'Chart', and 'Settings'. Below these is a table of vehicle status:

Object	Running	Idle	Stopped	Inactive	No Data	Total
	1516	613	4665	3616	382	10792

Below the table is a search bar and a list of vehicles under 'Your Company'. Each entry includes a checkmark, vehicle name, date, and status icons. The 'Tracking' section is highlighted in red. On the right, a detailed view for vehicle 'GJ 15 AB 1234' is shown, including a truck image, status 'Running' for 17 mins, current trip of 06 km, work hour of 12 hrs, driver 'Driver Y' with mobile number 9898989898, and location 'Pure Basaha Primary School, 1 Paras Bhagvan Pure Basaha RD Ramnagar Dhaurahra'. A 'Today's Activity' section shows 632 km total, with 09:16 hrs running and 01:30 hrs stop.

KEY INSIGHTS



1

Real-time fleet overview

View day-to-day activities, vehicle locations, and operational statuses with just a click, ensuring streamlined fleet oversight.

2

Customizable control panel

Adjust panels, icons including multiple map layout support, and widgets to prioritize the information you need, creating a seamless and user-focused tracking experience.

3

Integrated hardware data

Access insights from all connected hardware—OBD devices, sensors, and other vehicle equipment—for a complete and unified operational perspective.

4

Trip playback insights

Analyze historical trips with playback tools that show route details, stoppages, idling times, alerts, refueling points, and sensor-specific data.

BENEFIT

Manage every aspect of fleet operations from a single screen—track and make real-time updates without switching interfaces.

CRITICAL ALERT NOTIFICATION

Stay informed about your fleet's activities with configurable alerts that ensure timely actions and better management. With over 150+ alert types available, you can customize notifications to match your operational needs.

The screenshot displays the 'Alert Detail' configuration page in a web browser. The browser's address bar shows 'www.smartwaste.com'. The page has a red header with the 'uffizio' logo and a navigation sidebar on the left with icons for Dashboard, Tracking, Reports, Chart, and Settings (which is highlighted in red). The main content area contains the following configuration fields:

- Company:** HP Company (dropdown)
- Branch*:** All (text input)
- Based On*:** Vehicle Vehicle Group Vehicle Type
- Object*:** All (text input)
- Alert Name*:** (empty text input)
- Alert Type*:** Elock Unauthorized Access (dropdown)
- Value*:** Greater than (dropdown) [] (Minutes)
- Text*:** Elock Unauthorized Access (text input)
- Valid Day(s)*:** Everyday Custom
- Valid Time From*:** 00 : 00 To: 23 : 59 (time pickers)
- Timezone*:** UTC+05:30 - Asia/Kolkata (dropdown)
- Severity*:** Low (dropdown)
- Action:** SMS Email Notification

KEY INSIGHTS



1

Custom alert settings

Configure alerts based on different aspects. Tailor alert conditions to meet specific operational requirements.

2

Multiple delivery channels

Receive alerts via SMS, email, push notifications, IVR (Interactive voice response) based notification or social media APIs, ensuring timely updates through your preferred communication medium.

3

Priority-based notifications

Set severity levels for alerts to prioritize critical notifications and focus on urgent issues effectively.

4

Time-specific configurations

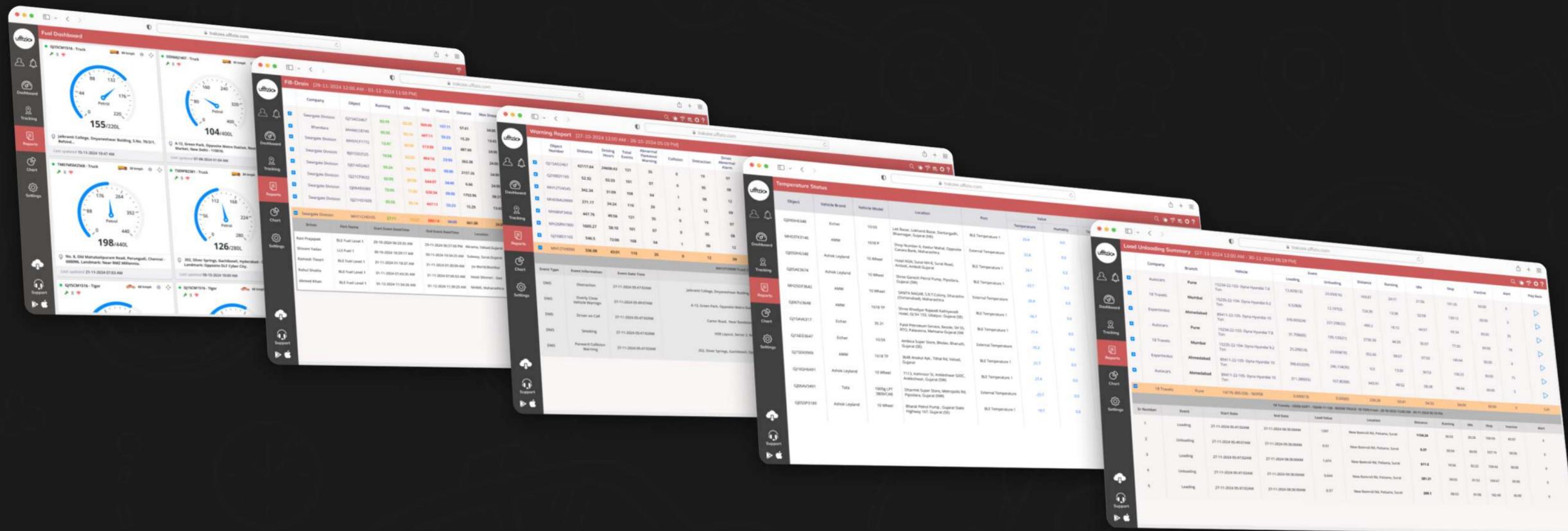
Schedule alerts for specific days or hours, ensuring they are relevant and actionable during your operational hours.

BENEFIT

Receive real-time, user-specific alerts that enable proactive responses to critical events, minimizing downtime, enhancing safety and smooth fleet operations.

DETAILED REPORTS

Access detailed insights with over 100 customizable reports, covering every aspect of fleet operations. Designed to simplify fleet management, these reports help you make informed decisions with ease.



KEY INSIGHTS



1

Wide-ranging report categories

Access reports for areas like vehicle activity, sensors, geofences, expenses, driver behavior, fuel, temperature, jobs, video telematics, and many more. Each category is designed to provide precise insights.

2

Multiple layered reports

Get summary and detailed breakdowns for better clarity and accurate analysis.

3

Custom scheduling

Schedule reports to be generated and delivered automatically at specific times, ensuring timely insights without manual effort.

4

Mobile-friendly access

View reports on mobile applications for on-the-go monitoring and decision-making.

5

Multiple download formats

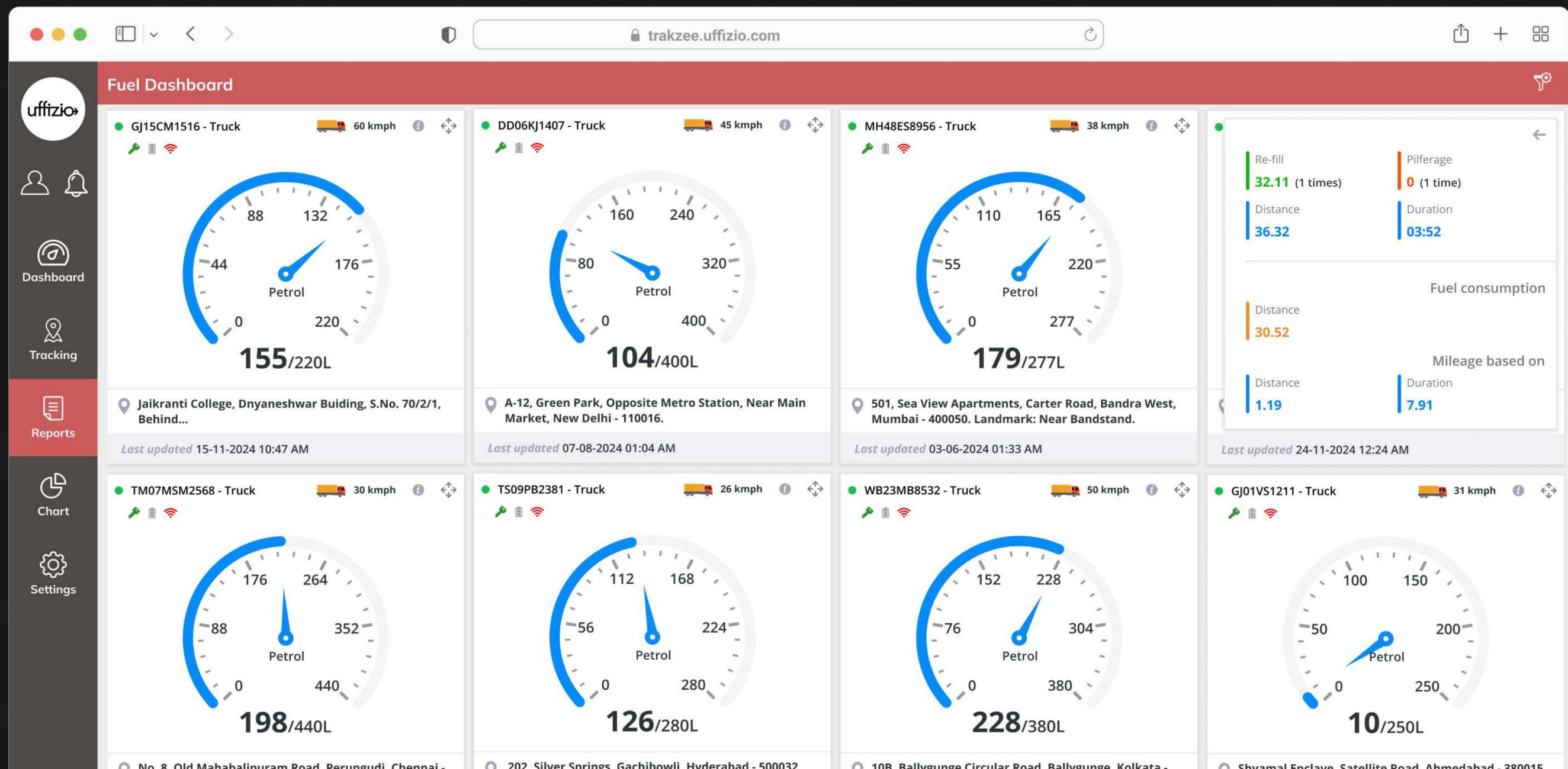
Export reports in summary or detailed formats, available in PDF, XLS and CSV, making it easier to analyze and share data.

BENEFIT

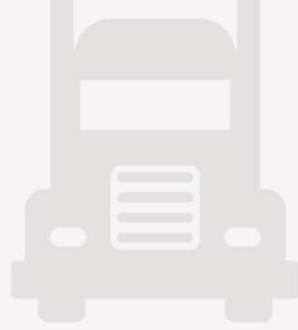
Simplifies fleet management by providing clear, organized insights that help managers track performance, identify trends, and make strategic decisions with ease.

FUEL MONITORING

Ensure accurate fuel management with advanced monitoring tools that detect irregularities, track consumption, and provide precise data for necessary actions to be taken.



KEY INSIGHTS



1

Live fuel monitoring

Track live fuel levels, detect sudden drains, and monitor idling directly from the live tracking screen widget.

2

Informative dashboard insights

Access dedicated widgets showing fuel usage trends, consumption-distance ratios, fleet's refill and drain events.

3

Fuel reports for optimization

Analyze complete fuel data with detailed reports and dedicated fuel dashboard that help reduce inefficiencies, detect theft, and control expenses.

4

Fuel events alert notifications

Get real-time alerts for fuel refueling, draining, and idling activities to ensure timely responses.

BENEFIT

Helps you track and manage fuel usage effectively, detect theft and irregularities, and take timely actions to prevent wastage.

VIDEO TELEMATICS

Empower your fleet with a smarter approach to safety. Monitor live events, capture key incidents, and analyze driving behavior. Discover how AI-powered video monitoring turns insights into actions, ensuring safety and operational control.

The screenshot displays the Uffizio video telematics dashboard. The browser address bar shows `trakzee.uffizio.com`. The dashboard features a sidebar with navigation options: Dashboard, Tracking, Reports, Chart, and Settings. The main content area is titled "Live Streaming" and shows a list of filters on the left, including "Company 1", "Branch", and "Object ABC 123". Below the filters, four live streaming channels are displayed in a 2x2 grid:

- V5 Dashcam | Channel 1:** Shows the driver's perspective from inside the cab. Status: Active | 10 viewers. Resolution: 1024 Bytes | 2mb/s, 500 X 200px.
- V5 Dashcam | Channel 2:** Shows the forward view of the road. Status: Active | 10 viewers. Resolution: 1024 Bytes | 2mb/s, 500 X 200px.
- V5 Dashcam | Channel 3:** Shows the interior of the truck. Status: Active | 10 viewers. Resolution: 1024 Bytes | 2mb/s, 500 X 200px.
- V5 Dashcam | Channel 4:** Shows the exterior view of the truck on the road. Status: Active | 10 viewers. Resolution: 1024 Bytes | 2mb/s, 500 X 200px.

Each channel includes a play button, a camera icon, and a share icon. The background of the dashboard shows a map and various vehicle data points.

KEY INSIGHTS



1

Real-time video monitoring

Live streaming with AI-driven detection helps to immediately identify and address unsafe driving practices.

2

Seamless playback for better insights

Revisit critical trips with detailed event timelines to review stops, driver actions, and incidents for compliance and driver training.

3

Event-based monitoring with ADAS & DMS

Automatically record high-impact events like harsh braking, overspeeding, or sudden stops, while detecting unsafe driving behaviors such as distractions or fatigue using advanced driver monitoring systems.

4

Critical safety alerts

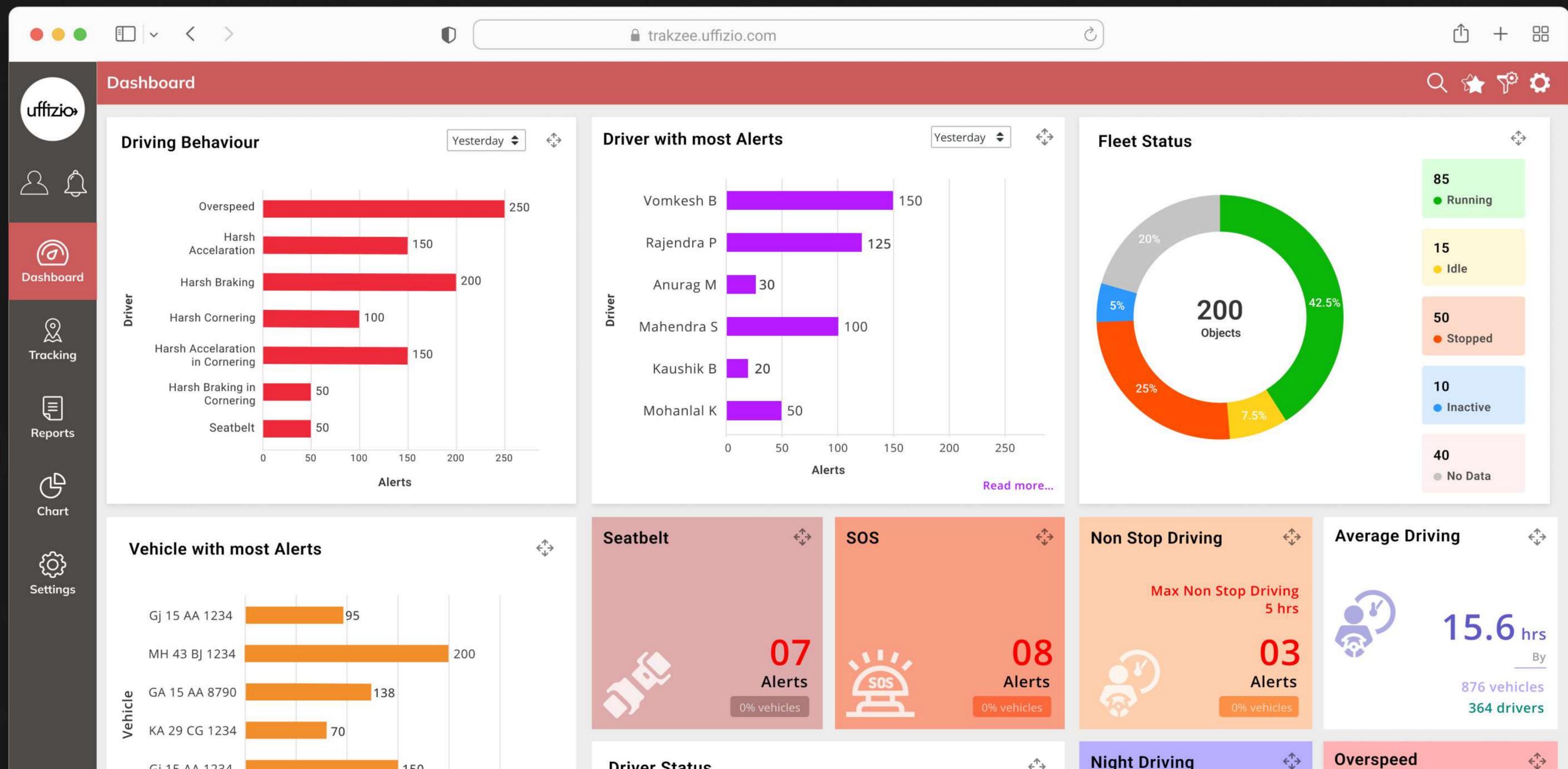
Receive instant alerts on driver behavior and safety events such as distracted driving, smoking detection, forward collision warnings, and lane departures.

BENEFIT

View real-time and historical event's video data and alerts to promote fleet safety, reduce liabilities, and ensure better decision-making with minimal effort.

DRIVING BEHAVIOR MONITORING

Empower safer fleets by detecting and addressing risky driving behaviors in real-time. Gain valuable insights to improve driver performance and ensure compliance with safety protocols.



KEY INSIGHTS



1

Real-time behavior tracking

Monitor risky actions such as harsh braking, overspeeding, and sudden acceleration to enhance safety.

2

Driver performance scorecards

Evaluate driving patterns using scoring systems (RAG reports) to identify top performers and drivers needing corrective training.

3

Violation trend analysis

Detect recurring unsafe behaviors and take corrective actions with detailed reports that provide insights into fleet-wide driving habits.

4

Customizable alerts

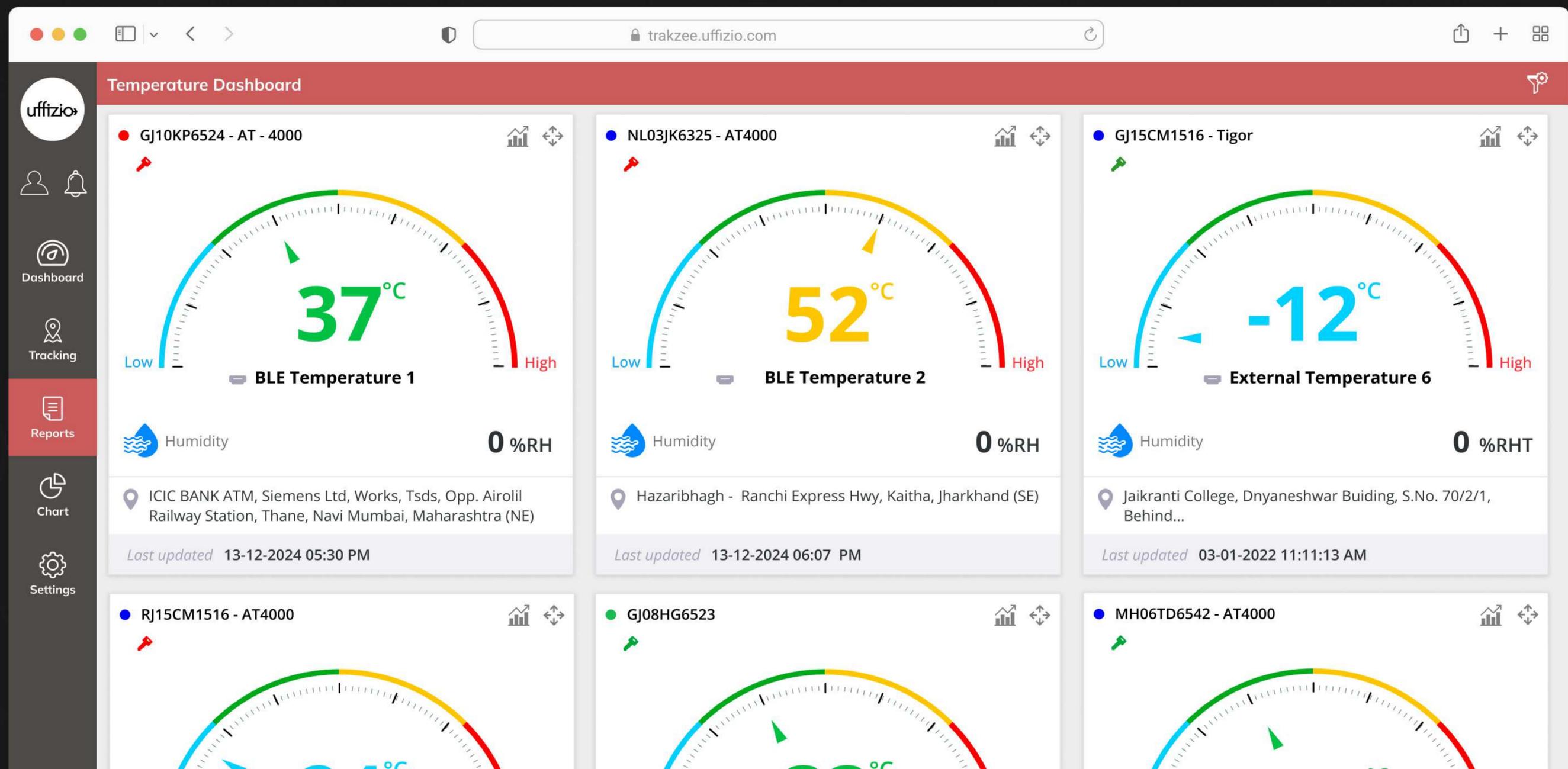
Set up instant notifications for rule violations, such as excessive idling, harsh cornering, and distracted driving, to enforce safety standards.

BENEFIT

Enhances road safety and fleet efficiency by detecting risky behaviors, improving driver accountability, and ensuring compliance with safety standards.

TEMPERATURE MONITORING

Keep temperature-sensitive goods under control with real-time monitoring, instant alerts, and in-depth reports. Stay ahead of deviations, prevent spoilage, and maintain compliance with multiple sensor support, including humidity sensors.



KEY INSIGHTS



1

Real-time temperature monitoring

Get real-time temperature and humidity readings directly from the live tracking screen to detect fluctuations before they impact sensitive goods.

2

Historical playback

View historical temperature data and analyze trends directly on the live tracking screen to monitor performance for specific jobs or trips.

3

Dedicated dashboard & reports

View live temperature data and detailed reports to track fluctuations, detect trends, and ensure compliance.

4

Temperature deviation alerts

Receive immediate notifications when temperature or humidity exceeds safe limits, ensuring quick action to prevent losses.

BENEFIT

Maintains temperature control with real-time tracking, automated alerts, and dedicated reports to ensure goods safety and regulatory compliance.

TIRE MANAGEMENT AND TPMS

Optimize tire usage and ensure fleet safety with advanced tools for tire management and TPMS. Gain insights to reduce costs and improve tire usage and efficiency.

The screenshot displays the 'Tire Inspection' web application interface. The browser address bar shows 'trakzee.uffizio.com'. The left sidebar contains navigation icons for 'uffizio', 'Dashboard', 'Tracking', 'Reports', 'Chart', and 'Settings'. The main content area is divided into several sections:

- Form Fields:** Includes 'Company *' (Telematics), 'Branch *' (Telematics), 'Object *' (ITriangle Obd), 'Odometer *' (36710.09), and 'Inspection *' (Front).
- Inspection Questions:** A series of questions with radio button options for 'Yes' and 'No':
 - FL0: Is the tires have lumps or bumps or cracks? (No selected)
 - Is anything stuck in the tire? (No selected)
 - Is the tire size correct? (No selected)
 - Is the tire in good condition? (No selected)
 - Is the tire inflated properly? (No selected)
 - Is the tire wearing unevenly? (No selected)
 - Is the tire wear too quickly? (No selected)
 - Is there an unusual wear pattern on the tire? (No selected)
- Input Fields:** 'Depth' and 'Remark' text input fields.
- Tire Diagram:** A schematic diagram titled 'ITriangle Obd' showing a vehicle's chassis with three axles labeled 'Front', '1', '2', '3', and 'Rear'. Each axle has two wheels. The front axle wheels are labeled 'FL1' and 'FL0', with 'FL0' highlighted in blue. The rear axle wheels are labeled 'RR0' and 'RR1'.

KEY INSIGHTS



1

Tire stock management

Maintain accurate records of tire inventory, including stock levels, locations, and inspection history to prevent shortages and unplanned expenses.

2

Tire operations and inspections

Track tire-related activities like puncture repairs, rotations, and maintenance. Helps in identifying the issues like uneven wear or cracks through regular inspections.

3

Tire pressure and temperature monitoring

Detect low pressure or overheating instantly to reduce the risk of blowouts and unplanned downtime.

4

Incident alerts and analytical trends

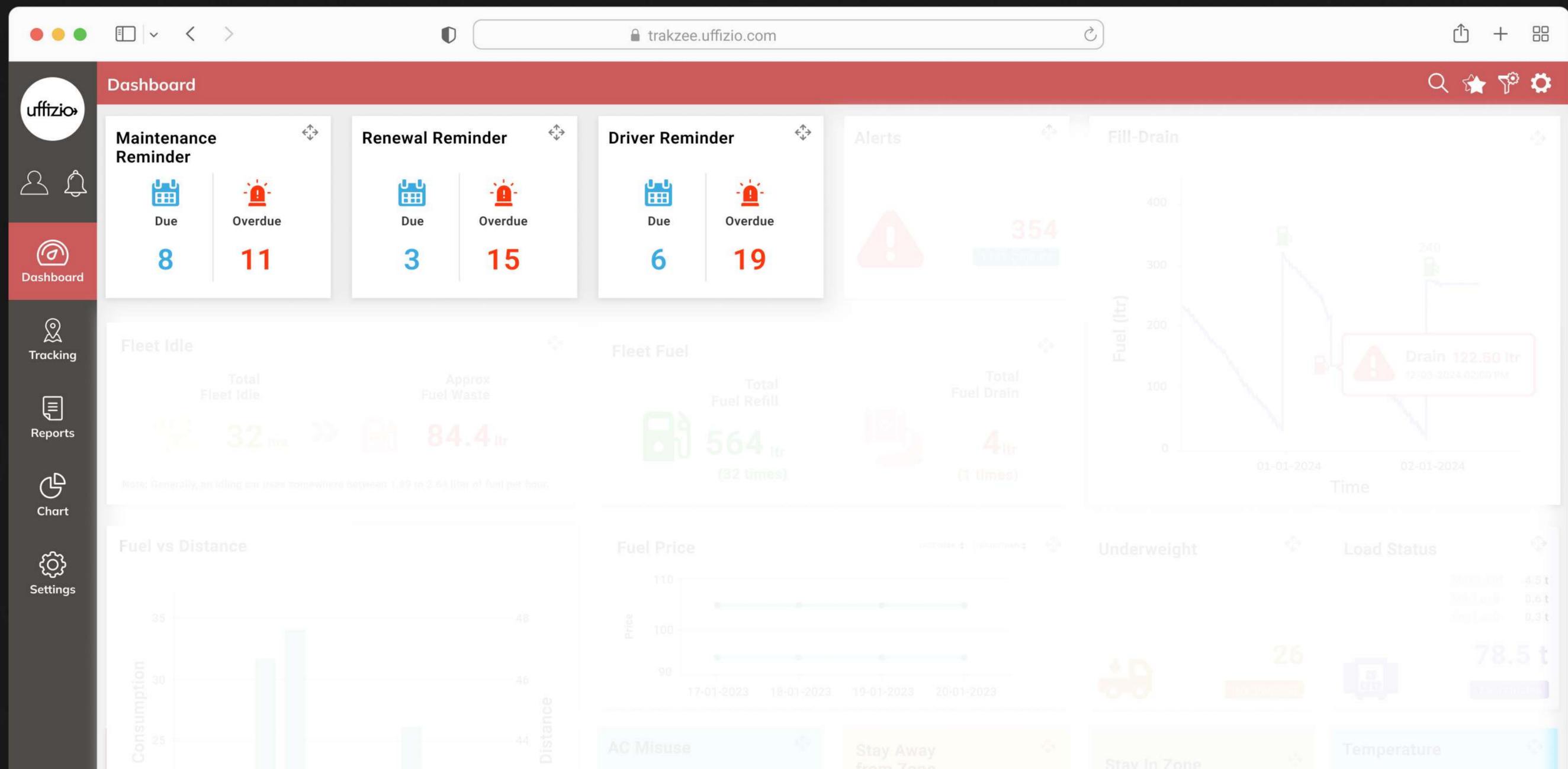
Receive real-time notifications for pressure drops, overheating, or maintenance needs—helping prevent costly repairs and disruptions.

BENEFIT

Prevent tire-related failures, reduce downtime, and maximize tire lifespan with real-time monitoring and proactive maintenance.

FLEET MAINTENANCE AND VEHICLE INSPECTION

Keep the fleet in top condition with predictive maintenance alerts and app-based inspections. Ensure timely issue resolution and compliance tailored for your operational needs.



KEY INSIGHTS



1

Maintenance reminders

Get notified about servicing, part replacements, and document renewals to keep the fleet in optimal condition.

2

Digital vehicle inspections

Conduct app-based vehicle inspections to identify and document faults, ensuring vehicle being in top condition.

3

Maintenance history and tracking

Access detailed service records and vehicle health insights to plan preventive maintenance and avoid sudden failures.

4

Critical alerts and issue resolution

Receive real-time alerts for overdue maintenance, component failures, or compliance violations to enable quick action.

BENEFIT

Enables proactive fleet management by preventing unexpected breakdowns and ensures compliance with scheduled maintenance, automated inspections, and instant alerts.

JOB AND ROUTE OPTIMIZATION

Optimize fleet operations by streamlining job assignments and route planning. This helps the manager ensure timely task completion and efficient resource utilization.

The screenshot displays the 'Job Planning' interface on the website www.smartwaste.com. The interface is divided into several sections:

- Left Sidebar:** Contains navigation icons for Dashboard, Tracking, Reports, Chart, and Settings (highlighted in red).
- Form Fields:**
 - Company: HP Company
 - Branch: HP Branch 2
 - Name*: Multiple Checkpoint Allocation
 - Description: (empty)
 - Job Type: With Object (selected), Without Object
 - Assign To: HP Object 21
 - Representative: Select Some Options
 - Consider Via: Map
 - Convoy: (checkbox unchecked)
 - Object Load State: --- Select ---
- Map:** Shows a route starting from Valsad, Gujarat, India, passing through Checkpoint 1 (DSP Office, Valsad) and Checkpoint 2 (Dungri, Valsad), and ending in Bilimora, Gandevi Taluka, Navsari, Gujarat, India. The route is highlighted in blue.
- Copy from Panel:**
 - Copy from: Previous job (selected), Playback
 - Select: (dropdown)
 - Add start and end points
 - Start and End Point as Same
 - Checkpoints with reach time
 - Consider Job with Route
 - Route Tolerance (meter): 50
 - Job start buffer time (minutes): 5
- Checkpoints Table:**

Index	Location	Halt
Start	Valsad, Gujarat, India (Start)	
1	DSP Office, Valsad, SH6, Valsad Taluka, Valsad, Gujarat, 395125, India (Checkpoint 1)	0:00
2	Dungri, Valsad Taluka, Valsad, Gujarat, 396385, India (Checkpoint 2)	0:00
End	Bilimora, Gandevi Taluka, Navsari, Gujarat, 396321, India (End)	

KEY INSIGHTS



1

Efficient job allocation

Assign tasks dynamically based on location, driver availability, and operational priorities to minimize delays.

2

Route optimization

Generate the shortest and most fuel-efficient routes by factoring in traffic conditions, job urgency, and distance.

3

Real-time job tracking

Monitor job progress, task completion, and route adherence live, allowing quick adjustments when needed.

4

Dynamic adjustments

Adapt routes and schedules instantly to accommodate last-minute changes or unexpected situations.

5

Job alerts and deviations

Receive instant alerts for delayed job start/end and route deviations, ensuring timely execution and adherence to planned schedules.

BENEFIT

Ensure seamless task execution with real-time job tracking and route optimization, reducing delays and maximizing fleet productivity.

TRAILER MANAGEMENT

Efficiently allocate, monitor, and secure trailers with real-time trailer tracking and management. Ensure optimized performance through dedicated module.

The screenshot displays the Uffizio Trailer Management interface. On the left, a sidebar lists navigation options: Dashboard, Tracking, Reports, Chart, and Settings. The main area features a map showing a red tractor pulling a white trailer on a street grid. A blue line indicates a route. Landmarks include Friendship Baptist Church, Bethel African Methodist Episcopal Church, Asbury Park, and Brando's Citi Cucina. The right-hand panel provides details for a specific trailer, GJ 15 AB 1234, including its status (Running), current trip (06 km), work hour (12 hrs), and driver information (Driver Y, Mobile 9898989898). Below this, details for Trailer 123456 are shown, including its code (ABC112233), RFID Tag (0123456789), Beacon Tag (0123456789), and shift (9 AM - 7 PM).

Trailer	Code	Status	Actions
Uffizio		[20]	—
Uffizio		[20]	—
BHN Trailer 1	123456		
BHN Trailer 2	234567		
BHN Trailer 3	345678		
KSA Trailer 1	456789		
KSA Trailer 2	567890		
KSA Trailer 3	678901		
KSA Trailer 4	789012		
KWT Trailer 1	890123		
KWT Trailer 2	910234		
KWT Trailer 3	012345		
OMN Trailer 1	112345		
OMN Trailer 2	122345		
OMN Trailer 3	233456		
QTR Trailer 1	445678		
QTR Trailer 2	556789		
QTR Trailer 3	667890		
UAE Trailer 1	778901		
UAE Trailer 2	889012		

KEY INSIGHTS



1

Trailer allocation and grouping

Assign trailers based on availability, capacity, or location and group them for streamlined management and resource optimization.

2

Live trailer tracking

Monitor trailer locations and movements to ensure route adherence, reduce delays, and improve operational visibility.

3

Usage analytics & reports

Gain insights into trailer utilization trends to detect inefficiencies, reduce idle time, and optimize scheduling.

4

Critical event alerts

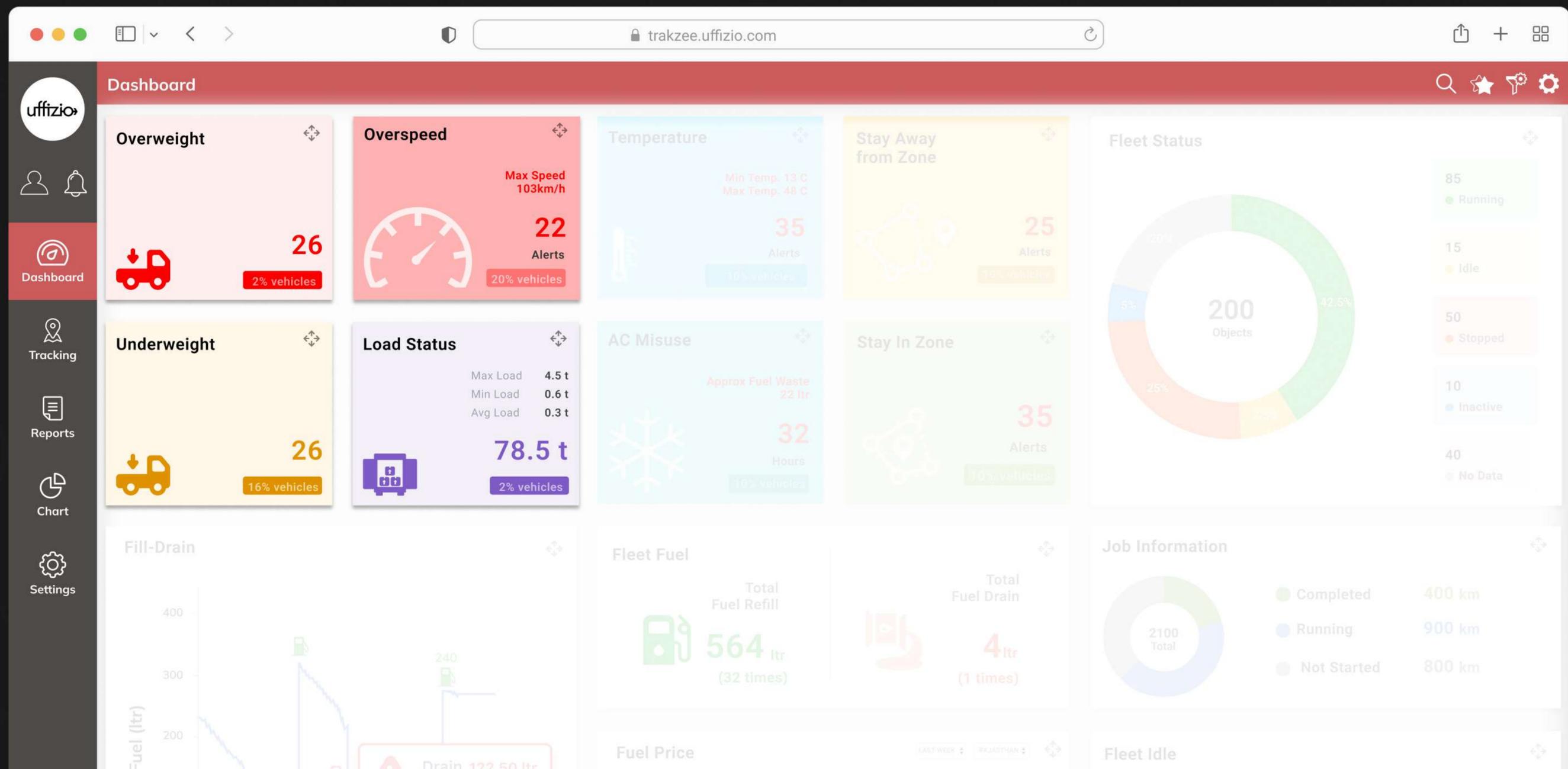
Receive notifications for disconnects, low battery, or pressure drops to prevent breakdowns and delays.

BENEFIT

Maximizes trailer utilization and security with real-time tracking, proactive alerts, and data-driven insights for better fleet performance.

LOAD MONITORING

Track and manage vehicle load data in real time with advanced monitoring feature. This helps to ensure safe transportation, optimized operations, and compliance with regulations.



KEY INSIGHTS



1

Real-time load tracking

Monitor load weight and distribution in real-time directly from the tracking screen for proactive management.

2

Overload and underload prevention

Monitor and maintain loads within recommended weight limits to ensure safety and efficiency.

3

Load analytics

Access detailed reports and visualized data to track load trends, optimize vehicle capacity, and reduce inefficiencies.

4

Compliance monitoring

Automate load checks to adhere to weight regulation. It helps in avoiding penalties and ensuring safe operations.

BENEFIT

Optimize vehicle load capacity with real-time insights, reducing wear and tear while ensuring best condition of the vehicle.

DRIVER MANAGEMENT

Effectively manage drivers for task assignment, performance tracking, and optimizing productivity to ensure seamless operations.

The screenshot displays the Uffizio Driver Management dashboard. The top navigation bar includes a search bar and a 'Driver' tab. Below the navigation bar, a summary section shows driver status counts: Available (1516), Not Available (6), On Leave (0), Allocated (1326), and Not Allocated (190), with a total of 3038 drivers. The main content area is divided into two sections: a list of drivers and a map view.

Company	Driver Name	Vehicle No.	Status	Default
Gupta Travels Raipur	Prabhu Jadhav	MH 14 KQ 4446	Allocated via	Default
	Shrikant Waghmare	MH 14 KA 6985	Allocated via	Default
	Vishal Gaikwad	MH 14 KA 9125	Allocated via	Default
	Kiran Ghodke	MH 12 QW 6286	Allocated via	Default
	Ajinkya Bhdarge	MH 14 HU 4181	Allocated via	Default
Akshar Gases Bhatpore	Shivaji Yadav	GJ 05 CU 1936	Allocated via	Default
	Raymal Vasava	Gj 21 OP 5624	Allocated via	Default
	Dilip Nayak		Allocated via	Default

The map view on the right shows a street map with a blue route highlighted. Landmarks include Friendship Baptist Church, Asbury Park, Asbury Jewellery, Tabernacle of Glory, Johnny Mac House of Spirits, The ShowRoom Cinema, Brando's Citi Cucina, Catsbury Park, Shelter Home, and Trading Post. The map interface includes a search bar, a star icon, a map icon, a location pin icon, a zoom in/out icon, and a refresh icon.

KEY INSIGHTS



1

Efficient driver allocation

Assign drivers based on RFID, Beacon & manually; checking availability, skills, and compliance with task or route demands to improve productivity.

2

Attendance and work hour tracking

Use tools like RFID, biometrics, or QR codes for accurate attendance and automated work hour monitoring.

3

Driving behavior monitoring

Analyze metrics like overspeeding, harsh braking, and idling to ensure safety and minimize risks.

4

Regulatory compliance management

Track driver documentation and hours of service to meet regulatory requirements and optimal allocation of drivers.

BENEFIT

Ensures precise driver allocation, safety monitoring, and compliance tracking for improved fleet efficiency and risk management.

EXPENSE MANAGEMENT

Manage fleet expenses directly from your fleet management platform. Track fleet expenses in real-time with automated reporting and categorization, ensuring financial accuracy and cost control.

The screenshot displays the Uffizio fleet management interface. The central map shows a truck's route in a city street grid, with a green truck icon and a blue path. The left sidebar contains navigation options: Dashboard, Tracking (highlighted), Reports, Chart, and Settings. The top navigation bar includes an 'Object' dropdown and a search bar. Below the search bar, a table lists tracked objects with their status and icons.

Object	Status	Count	Icons		
1516 Running	613 Idle	4665 Stopped	3616 Inactive	382 No Data	10792 Total
Object	Search	Refresh	Filter	Settings	
Your Company					
<input checked="" type="checkbox"/>	Diesel Tanker MH.12 JF 7...	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	Diesel Tanker MH.14 DM...	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	MH 12 LT 5550 - MH.12 JF 7...	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	Mobi GPS 6972 KI057...	3	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	4G-6A-4G-6A	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	MG - Truck 4445	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	Cargo Truck - 7898	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	Milk Truck - 0497	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	Tanker MH.12 JF 789	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	Diesel Tanker GJ.12 JA...	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	Generator - 44578	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	PQ - Diesel - 48	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	PL - Tanker MH. 40. 33	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	MH-KL00 - 42	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	Tire01-900	0	🔑 🇺🇸 📶 🚒		
<input checked="" type="checkbox"/>	Laptop - 91	0	🔑 🇺🇸 📶 🚒		

The right sidebar shows details for a specific vehicle: **GJ 15 AB 1234**. It includes a truck image, status 'Running' for 17 mins, current trip of 06 km, and a work hour meter showing 12 hrs. The driver is identified as 'Driver Y' with mobile number 9898989898. A summary card shows an expense of 12562 for the last 7 days, with buttons for '+ Expense' and 'History'.

KEY INSIGHTS



1

Instant expense upload

Log and track various fleet related expenses in real-time, ensuring up-to-date financial records in the same software.

2

Expense categorization

Organize expenses into costs which are fixed and variable with detailed subcategories for better financial planning.

3

Automated reports & analytics

Generate real-time reports for trend analysis, cost allocation, and budget forecasting.

4

Seamless integration

Sync expenses with fuel cards, invoices, and other external systems through API-based data exchange.

BENEFIT

Streamlines fleet and financial management by consolidating expense tracking within the same system, making expense tracking seamless and operations more transparent.



EXTENDED SOFTWARE
FUNCTIONALITY



Enhancing fleet operations requires more than just monitoring—they require flexibility, compliance, and seamless hardware integration. This section dives into how our software extends beyond core functionalities to support regulatory compliance, specialized hardware compatibility, and custom integrations. Whether it's aligning with industry standards, integrating unique sensors, or streamlining operations, these capabilities ensure a smarter, more adaptable fleet ecosystem. Discover how these enhancements can empower your business.



Technician management



Inventory management



EV fleet management



Elock



RPM



Customer Support ChatBot



Toll management



Customised API

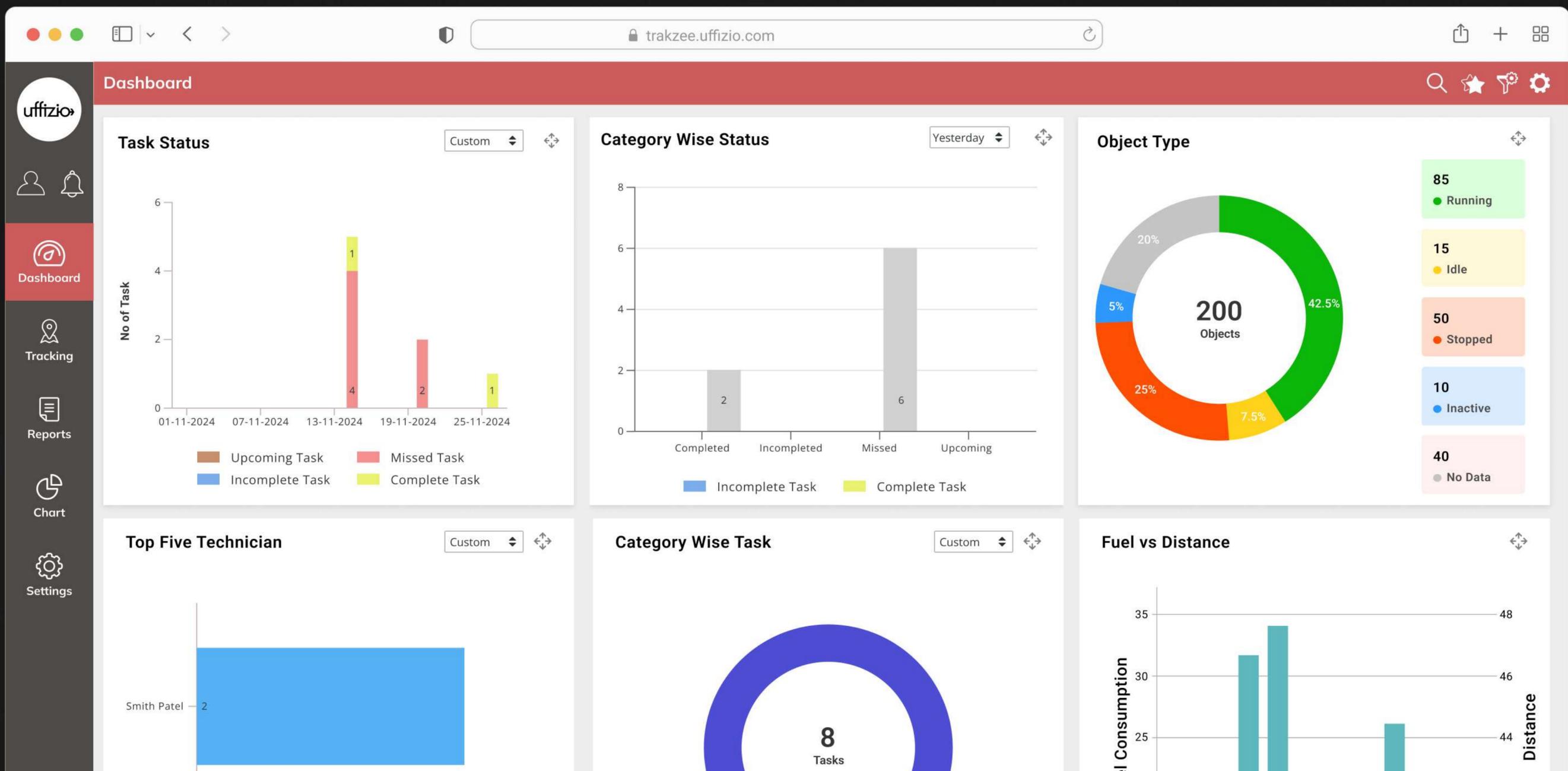


PTO



TECHNICIAN MANAGEMENT

Effectively manage technicians for task assignments, performance tracking, and seamless operations. Optimize productivity by monitoring availability, task progress, and compliance.



KEY INSIGHTS



1

Efficient technician allocation

Assign technicians based on availability, expertise, and task priorities to ensure timely service completion.

2

Task tracking & progress monitoring

Track assigned tasks, their progress, and completion status in real-time for better workflow management.

3

Expense & log management

Maintain a digital record of expenses, logs, and service details to enhance accountability and cost control.

4

Profile & access management

Configure technician profiles and create and mark the task as done from the application itself.

BENEFIT

Enhances technician productivity with structured task assignments, real-time monitoring, and optimized resource utilization.

INVENTORY MANAGEMENT

Efficiently manage fleet-related assets, including tracking, selling, and organizing inventory directly from the software. Streamline stock control and ensure optimal utilization of resources.

The screenshot shows the 'Inventory' page of the Uffizio application. The interface includes a sidebar with navigation icons for Dashboard, Tracking, Reports, and Settings. The main content area features a table with the following columns: Users, Available Stock, Total, IMEI No, Purchase Date, Invoice No, Device Model, Port Number, Sim Card, History, and QR Code. The table is filtered by 'Selected User' and contains 15 rows of device data. A search bar is located above the table, and filter tabs for 'All' and 'Selected User' are present.

Users	Available Stock	Total	IMEI No	Purchase Date	Invoice No	Device Model	Port Number	Sim Card	History	QR Code
Distributor 1	0	4								
PPN Networks	0	0								
Test Purpose	0	0								
Payal Reseller	0	2								
Distributor 2	0	6								
Distributor 3	0	0								
Dharmin	6	6								
Surya Demo	0	0								
Your Company	0	133								
Subreseller@abc.com	31	131								
yourcompanyguest@xyz.com	1	2								
company@test.in	0	0								
corporation@gmail.com	0	0								
ghindustries@gmail.com	0	0								
maxsolutions@company.com	0	0								
Reseller	0	0								
Smart Waste	0	1								

KEY INSIGHTS



1

Device tracking & management

Monitor and organize fleet devices, ensuring proper allocation and availability.

2

Stock control & utilization

Maintain accurate records of available stock, sold devices, ensuring seamless renewals and tracking.

3

Seamless selling & renewals

Manage device sales, automate billing, and track transactions efficiently.

4

Fleet-integrated inventory

Sync inventory with fleet operations to optimize resource planning and prevent service interruptions.

BENEFIT

Simplifies inventory handling by integrating stock tracking, sales, and subscription-based inventory management within the same platform, improving operational efficiency and reducing manual workload.

ELOCK MONITORING

Enhance cargo security and access control with an advanced Elock system, allowing remote locking, unlocking, and real-time monitoring of vehicle compartments.

The screenshot displays the Uffizio Elock Monitoring interface. The central map shows a vehicle (GJ 15 AB 1234) in motion, indicated by a blue line and a green truck icon. The left sidebar contains navigation options: Dashboard, Tracking, Reports, Chart, and Settings. The top navigation bar shows the Uffizio logo and a search bar. The main content area is divided into several sections:

- Object Summary:** 1516 Running, 613 Idle, 4665 Stopped, 3616 Inactive, 382 No Data, 10792 Total.
- Your Company:** A list of tracked objects with their status, location, and icons for various functions (lock, unlock, location, etc.).
- Vehicle Details (GJ 15 AB 1234):** Running, 17 mins, Current Trip 06 km, Work Hour 12 hrs, Driver Y, Mobile 9898989898.
- E-Lock Status:** 100% battery, Locked for 17 mins.
- Violations:** 5 total violations, including Tamper (2), Wrong Password Attempt (3), Unauthorized RFID Attempt (0), and Open back cap Attempt (1).

KEY INSIGHTS



1

Sub-lock configuration & management

Link multiple sub-locks (e.g., hatches, valves) to a main Elock and manage them individually for added security.

2

Monitor e-lock actions

View e-lock status, violations, signal strength, and battery levels directly from the live tracking screen.

3

Secure unlock logging

Track all unlock events with user details, timestamps, and GPS locations, ensuring complete visibility.

4

Automated compliance & alerts

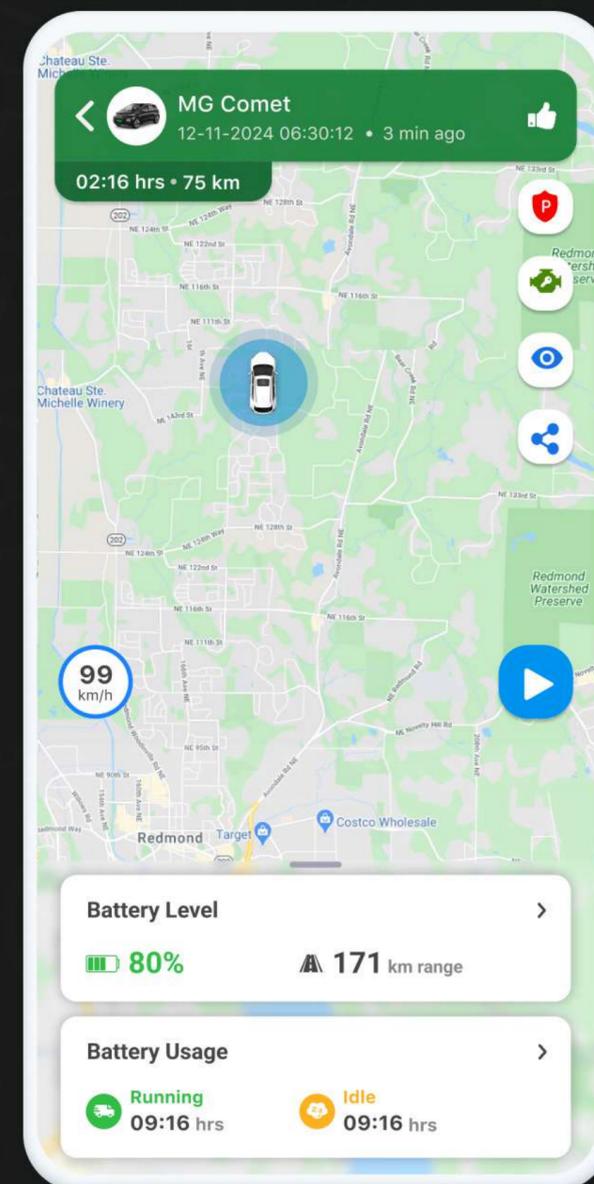
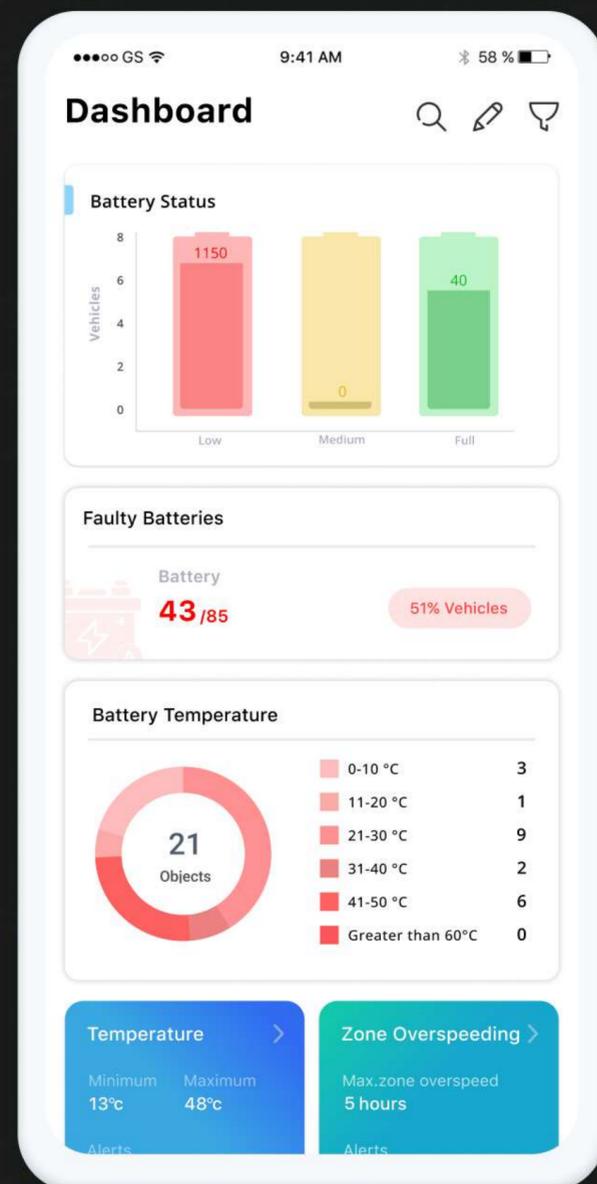
Get instant alerts for unauthorized access, tampering, or low battery conditions.

BENEFIT

Strengthens fleet security with remote-controlled access, real-time monitoring, and complete audit logs, ensuring compliance and preventing unauthorized access.

EV FLEET MANAGEMENT INTEGRATION

Extend your fleet management capabilities with EV-specific monitoring tools, seamlessly integrated into the system.



KEY INSIGHTS



1

Dedicated EV dashboard

Gain a real-time overview of fleet battery health, temperature, and performance metrics.

2

Live tracking with EV insights

Monitor battery status, SOC (State of Charge), and key EV sensor data within the live tracking screen.

3

EV-specific reports & alerts

Access battery usage reports and receive alerts for battery thresholds to ensure optimal performance.

4

Seamless mobile app access

Ensure compatibility with mobile applications for real-time EV fleet monitoring and battery management.

BENEFIT

Enhance EV fleet operations with specialized tracking, battery health monitoring, and performance insights, all within a unified fleet management system.

RPM MONITORING

Gain insights into engine performance with RPM monitoring, helping fleets optimize vehicle utilization and ensure safe operations.

The screenshot displays the Uffizio tracking dashboard. On the left, a sidebar contains navigation icons for Dashboard, Tracking, Reports, Chart, and Settings. The main area features a map with a blue path indicating a vehicle's route. A detailed information panel on the right shows the following data for vehicle GJ 15 AB 1234:

- Vehicle: GJ 15 AB 1234
- Status: Running (17 mins)
- Current Trip: 06 km
- Work Hour: 12 hrs
- Driver: Driver Y (Mobile: 9898989898)

A prominent RPM monitoring overlay is shown in the bottom right corner, featuring a gauge and the following statistics:

- RPM: 886 (Lowest)
- RPM: 2456 (Highest)
- RPM: 1506 (Current)

The dashboard also includes a summary table at the top left:

Object	Running	Idle	Stopped	Inactive	No Data	Total
	1516	613	4665	3616	382	10792

Below this table is a list of tracked objects with their respective status icons and timestamps.

KEY INSIGHTS



1

RPM band classification

Track engine performance in Green (safe), Blue (operational), and Red (critical) RPM ranges.

2

Real-time data analysis

Monitor RPM fluctuations to detect inefficiencies and optimize driving behavior.

3

Customizable thresholds

Set RPM limits to align with fleet-specific operational needs.

4

Actionable reports

Generate detailed insights into RPM trends, helping improve fuel efficiency and vehicle health.

BENEFIT

Enhance fleet performance and longevity by identifying and addressing inefficient engine operation patterns.

POWER TAKE-OFF (PTO) MONITORING

Track and analyze PTO usage in real-time to optimize fleet operations and improve asset utilization.

Power Take-Off [22-02-2025]

Company	Branch	Object Name	Start Odometer	End Odometer	Distance	Total Engine Hours	Engine Hour with PTO	Engine Hour without PTO	Total Idle Time	Idle Time with PTO	Idle Time without PTO	No Of Times PTO Working	Idle Score
						01:48							
Autocars	Auto Branch 1	KST FT920 - KST FT920	2723.18	2724.73	1.55	01:48:21	01:47:53	00:00:28	01:36:55	01:31:52	00:05:03	8	195.48

No	Driver	PTO Begin	PTO End	PTO Duration	Average RPM	Max RPM	Location	Map
1	No Driver Found	24-02-2025 08:55:56	24-02-2025 08:58:56	00:03:00	0.00	0.00	Bharat Petroleum, Petrol Pump - Tiwari Bechar & Co. Ltd, Bistupur JSR Tiwari Bech, Bistupur Singhbhum, Jharkhand (SW)	
2	No Driver Found	24-02-2025 09:03:26	24-02-2025 09:04:26	00:01:00	0.00	0.00	Bharat Petroleum, Petrol Pump - Tiwari Bechar & Co. Ltd, Bistupur JSR Tiwari Bech, Bistupur Singhbhum, Jharkhand (SW)	
3	No Driver Found	24-02-2025 09:06:07	24-02-2025 09:16:03	00:09:56	0.00	0.00	Indian Oil Petrol Pump, Tata- Hata Main Rd, Bistupur, Jamshe, Jharkhand (NE)	
4	No Driver Found	24-02-2025 13:16:17	24-02-2025 14:44:04	01:27:47	0.00	0.00	Red Cross Bhawan, Pipe Line Rd, Near Old Court, Sakchi, Jamshe, Jharkhand (SW)	
5	No Driver Found	24-02-2025 14:44:32	24-02-2025 14:46:41	00:02:09	0.00	0.00	Red Cross Bhawan, Pipe Line Rd, Near Old Court, Sakchi, Jamshe, Jharkhand (SW)	
6	No Driver Found	24-02-2025 14:58:34	24-02-2025 14:59:34	00:01:00	0.00	0.00	Red Cross Bhawan, Pipe Line Rd, Near Old Court, Sakchi, Jamshe, Jharkhand (SW)	
7	No Driver Found	24-02-2025 15:18:16	24-02-2025 15:20:09	00:01:53	0.00	0.00	Red Cross Bhawan, Pipe Line Rd, Near Old Court, Sakchi, Jamshe, Jharkhand (SW)	

+	ABC Corporation	ABC Branch 2.3	352312090398291	0.00	0.00	0.00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	0	0.00
+	DEF Ltd.	DEF Branch 1.2	8024040078	0.00	0.00	0.00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	0	0.00
+	GHI Industries	GHI Branch 4.1	861128067584760	0.00	0.00	0.00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	0	0.00
+	XYZ Enterprises	XYZ Branch 5.2	869689044093094	0.00	0.00	0.00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	0	0.00
+	Rapid Solutions	Rapid Branch 6.2	B50 Autoplant	0.00	0.00	0.00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	00:00:00	0	0.00

KEY INSIGHTS



1

Real-time PTO status

Detect activation and deactivation events with time stamped logs.

2

CAN-based PTO integration

Seamlessly extract PTO data from the vehicle's CAN system for accurate reporting.

3

Usage duration tracking

Measure PTO engagement time to assess equipment utilization.

4

Operational efficiency insights

Identify patterns in PTO usage to optimize fuel consumption and reduce idle time.

5

PTO usage report

Generate detailed reports on PTO activities, offering insights into usage trends and efficiency analysis.

BENEFIT

Improve fleet productivity by monitoring PTO usage, reducing wear and tear, and ensuring optimized equipment deployment.

TOLL MANAGEMENT

Automate toll tracking and streamline cost management with an integrated toll monitoring system. Monitor toll expenses, analyze travel distance, and ensure seamless compliance with toll regulations.

The screenshot displays the Uffizio Trakzee web application interface. The browser address bar shows `trakzee.uffizio.com`. The dashboard includes a sidebar with navigation options: Dashboard, Tracking, Reports, Chart, and Settings. The main area features a map with a blue route and a green truck icon. A sidebar on the left lists tracked objects with their status and last update time. A right-hand panel provides details for a specific vehicle, including its current trip status, work hours, driver information, and a summary of toll information.

Object	Running	Idle	Stopped	Inactive	No Data	Total
1516	613	4665	3616	382	10792	

Object	Status	Last Update	Key	Location	Signal	Alert	Driver
Diesel Tanker MH.12 JF 7...	0	21-07-2024 01:02:55 PM	🔑		📶	🚒	
Diesel Tanker MH.14 DM...	0	22-07-2024 01:02:55 PM	🔑		📶	🚒	
MH 12 LT 5550 - MH.12 JF 7...	0	22-07-2024 09:02:55 PM	🔑		📶	🚒	
Mobi GPS 6972 KI057...	3	21-07-2024 01:02:55 PM	🔑		📶	🚒	
4G-6A-4G-6A	0	19-07-2024 07:32:55 PM	🔑		📶	🚒	
MG - Truck 4445	0	21-05-2024 06:02:55 PM	🔑		📶	🚒	
Cargo Truck - 7898	0	05-05-2024 01:02:55 AM	🔑		📶	🚒	
Milk Truck - 0497	0	30-04-2024 07:02:55 AM	🔑		📶	🚒	
Tanker MH.12 JF 789	0	27-04-2024 07:10:55 AM	🔑		📶	🚒	
Diesel Tanker GJ.12 JA...	0	20-04-2024 08:09:55 PM	🔑		📶	🚒	
Generator - 44578	0	15-04-2024 06:52:55 AM	🔑		📶	🚒	
PQ - Diesel - 48	0	10-04-2024 01:02:55 PM	🔑		📶	🚒	
PL - Tanker MH. 40. 33	0	30-03-2024 09:02:35 PM	🔑		📶	🚒	
MH-KL00 - 42	0	21-03-2024 03:45:05 PM	🔑		📶	🚒	
Tire01-900	0	21-03-2024 05:30:02 PM	🔑		📶	🚒	
Laptop - 91	0	20-03-2024 09:20:55 AM	🔑		📶	🚒	

Vehicle	Status	Time
GJ 15 AB 1234	Running	17 mins

Metric	Value
Current Trip	06 km
Work Hour	12 hrs
Driver	Driver Y
Mobile	9898989898

Toll Information	
Last Toll	Siwaya
	24-02-2025 08:58 PM
Highway 58 Toll	77.80 km (s)
₹	85

KEY INSIGHTS



1

Toll information in playback

Access toll charges incurred during trips directly from the playback screen for easy expense tracking.

2

Toll reports & travel distance analysis

Generate detailed reports showing toll expenses, travel distance, and transaction history for better financial control.

3

User-based access control

Restrict or enable toll information visibility based on user rights, ensuring data security and compliance.

4

Seamless integration with fleet operations

Sync toll data with trip reports and expense tracking to maintain a clear financial overview.

BENEFIT

Enhances cost tracking and fleet transparency by automating toll data collection, ensuring accurate expense reporting, and improving financial oversight.

CUSTOMIZED API INTEGRATION

Go beyond standard Push & Pull API integrations with customized API solutions tailored to specific business needs. This feature allows seamless data exchange, automated processes, and third-party system connectivity to optimize fleet operations.

Customize API Detail

API Category: Trip Summary

API Name: Trip Summary detail

Time Zone: Asia/Kolkata (UTC+05:30)

Frequency: 00:05:00

Response Type: JSON

Pull Request Parameter			
Parameter Name	Mandatory	Type / Format	Description
Start Date Time	YES	DD-MM-YY HH:mm:ss	Enter Report Start Date and Time
End Date Time	YES	DD-MM-YY HH:mm:ss	Enter Report End Date and Time
IMEI Numbers	YES	String	Enter Comma separated IMEI numbers

Output Data			
<input type="checkbox"/>	Name	Rename As	Type / Format
<input checked="" type="checkbox"/>	Company	company_name	String
<input checked="" type="checkbox"/>	Branch	location_name	String
<input checked="" type="checkbox"/>	Object	vehicle_info	String
<input checked="" type="checkbox"/>	Vehicle Brand	object_brand	String
<input checked="" type="checkbox"/>	Vehicle Model	object_model	String
<input checked="" type="checkbox"/>	Driver	driver_name	String
<input checked="" type="checkbox"/>	IMEI No	imei_no	String
<input checked="" type="checkbox"/>	Distance	total_running_km	String
<input checked="" type="checkbox"/>	Running	total_running_duration	String
<input checked="" type="checkbox"/>	Idle	total_idle_duration	String
<input checked="" type="checkbox"/>	Stop	total_stop_duration	String
<input checked="" type="checkbox"/>	Inactive	total_inactive_duration	String

Request Body Preview

```

{"start_date_time": "31-01-2025 13:10:10", "end_date_time": "31-01-2025 13:10:10", "imei_nos": "Test"}
                    
```

Response Preview

```

{"status": "succes", "message", "data": [{"company_name": "Test", "location_name": "Test", "vehicle_info": "Test", "imei_nos": 1, "total_running_km": 1, "total_running_duration": "13:10", "duration_cost": "Test", "no_of_trip": 1}]}
                    
```

KEY INSIGHTS



1

Tailored data exchange

Customize API endpoints to send or retrieve fleet data based on unique operational requirements.

2

Process automation

Automate specific fleet actions by integrating with ERP, CRM, or third-party applications.

3

Enhanced security & access control

Define custom API access permissions to ensure data security and compliance.

4

Seamless system connectivity

Sync fleet data with business-critical tools, improving efficiency and decision-making.

5

Custom API reports

Convert reports to API directly from the screen, customize responses in JSON, CSV & XML formats, and fetch report data via API for third-party use.

BENEFIT

Removes data barriers by enabling fully customized API integrations, ensuring smooth connectivity between fleet operations and external systems.

CUSTOMER SUPPORT CHATBOT

The chatbot instantly provides answers within the application, eliminating the need for contacting support for platform related queries. It understands multiple questions in one request, responds quickly, and supports multiple languages for seamless assistance.

uffizio

ChatBot CRM Message X

How many widgets can I... Where can i find the sett...
How to add vehicles? How to add alerts?

Ask your question...

trakzee

Welcome to Trakzee!!

Dashboard
Tracking
Reports
Chart
Settings
Support

KEY INSIGHTS



1

Instant query resolution

Get immediate answers to platform-related queries without waiting for manual support.

2

Multiple intent handling

Ask multiple questions in a single query and receive accurate responses instantly.

3

Multi-language support

Communicate effortlessly as the chatbot understands and responds in multiple languages.

4

Seamless user assistance

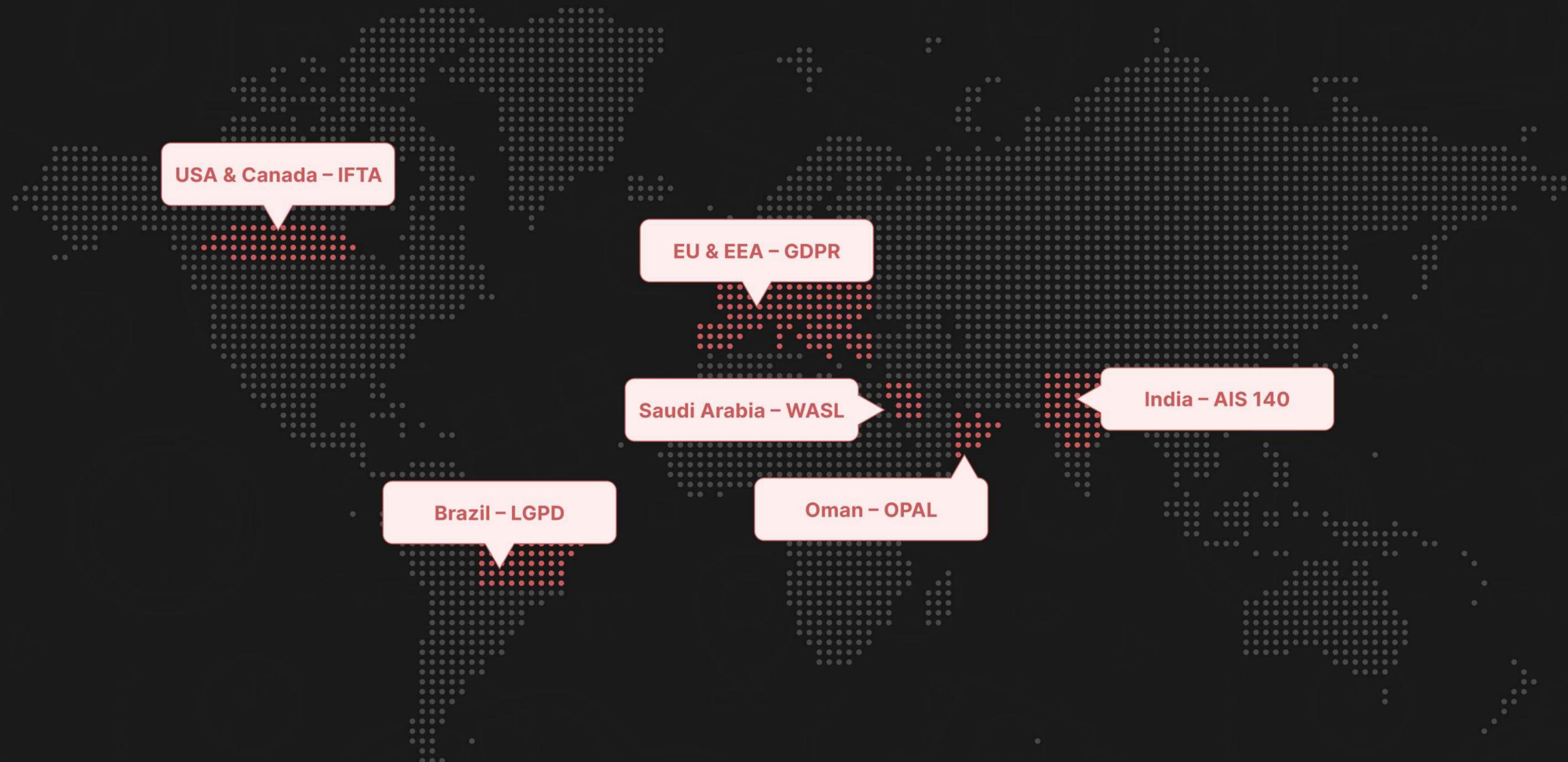
Integrated directly into the software, ensuring real-time support without switching platforms.

BENEFIT

Streamlines customer support by offering real-time assistance in multiple languages, reducing response time, and ensuring a smooth user experience with quick and efficient query resolution.

INTEGRATED COMPLIANCE STANDARDS FOR FLEET MANAGEMENT

Our fleet management software seamlessly integrates global and regional compliance standards. Ensures that businesses meet regulatory requirements without any hassle.



KEY COMPLIANCE STANDARDS SUPPORTED



1

Oman – OPAL

Mandated vehicle tracking compliance for fleet operations.

2

Saudi Arabia – WASL

Regulated by the Saudi Transport General Authority (TGA) for vehicle tracking and monitoring.

3

USA & Canada – IFTA

International Fuel Tax Agreement ensuring accurate fuel tax reporting across states and provinces.

4

European Union (EU) & EEA – GDPR

General Data Protection Regulation for fleet data security and privacy compliance.

5

Brazil – LGPD

Lei Geral de Proteção de Dados protecting driver and fleet data privacy.

6

India – AIS 140

Automotive Industry Standard (AIS-140) mandating GPS tracking and emergency buttons in commercial vehicles.



**ADDITIONAL HARDWARE
INTEGRATION**





Alcohol level sensor



Flow meter



Taxi meter



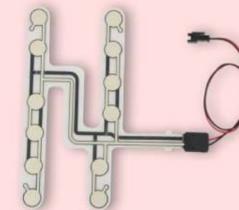
Tilt sensor



Degree sensor



Eye Beacon



Passenger seat



Passenger count



Eye sensor



RPM



OBD/CAN



Pressure Gauge

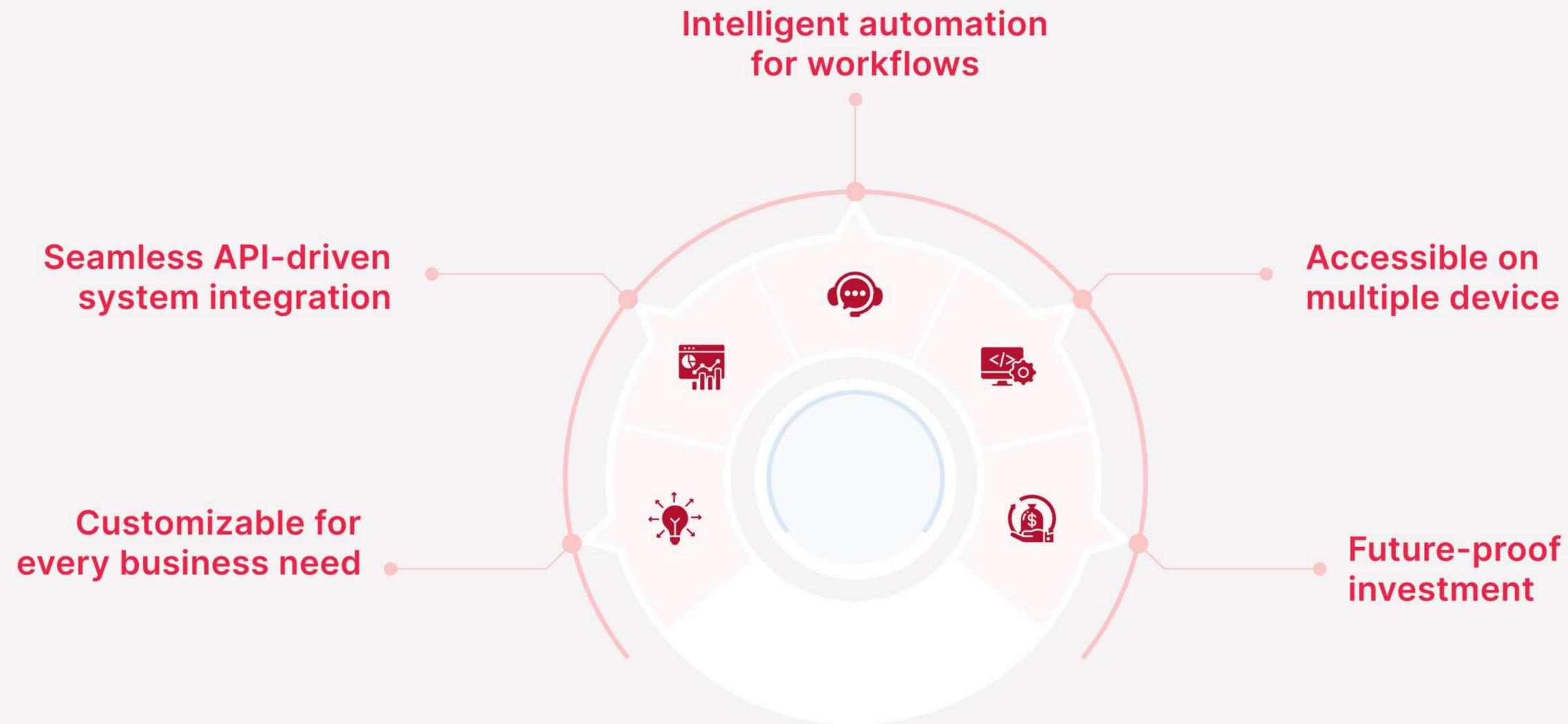
KEY REASONS TO INVEST





WHY SYSTEM INTEGRATORS TRUST OUR SOFTWARE

System integrators need a solution that is reliable, adaptable, and built for long-term success. Our platform is designed to seamlessly fit into your ecosystem, offering powerful features that enhance fleet efficiency while ensuring smooth operations.



WHAT MAKES OUR SOFTWARE THE RIGHT CHOICE?

Ensure efficient job allocation, route management, and seamless tracking with advanced digital tools.

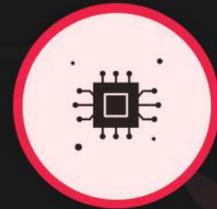
Advanced compliance and security

Stay ahead of evolving regulatory and cybersecurity challenges with built-in compliance measures and data encryption.



Hardware-independent

Seamlessly integrate with any hardware of your choice. If a device isn't pre-integrated, we ensure smooth integration for effortless compatibility.



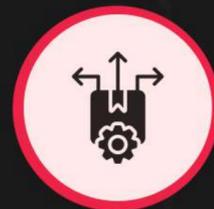
Ongoing support and training

We don't just offer software—we provide a partnership. We provide dedicated technical and onboarding support, to ensure smooth adoption and long-term usability.



Flexible deployment options

Whether cloud-based or on-premise, deploy the software in a way that aligns with business infrastructure and security needs.



Designed for business growth

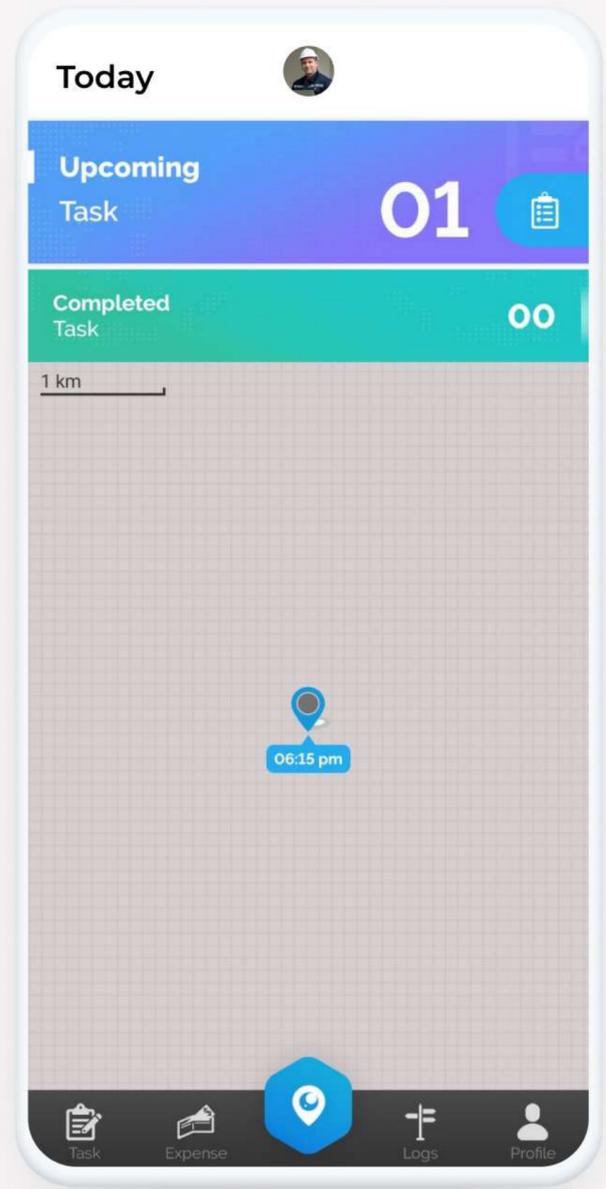
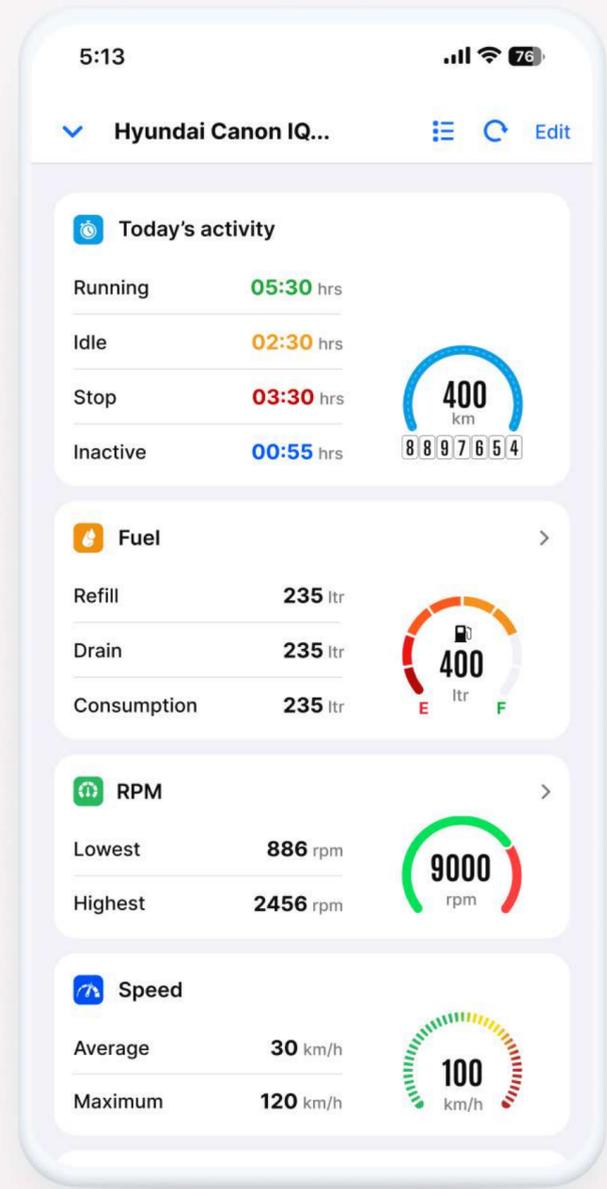
Our software scales effortlessly, accommodating fleets of any size and complexity—ensuring it grows with the business, not against it.





MANAGE YOUR FLEET WITH OUR MOBILE APP

A modern fleet requires mobile-first solutions. With Trakzee's mobile app, driver app, and technician app, every stakeholder gains seamless access to fleet operations, ensuring real-time updates, task execution, and on-the-go management.





**USE CASES ACROSS
INDUSTRIES**





Logistics & Transport



Construction and Mining



Agriculture



**Dairy, Food & Beverage
Supply Chain**



Security-Focused Fleet



Emergency Response Fleet

LOGISTICS AND TRANSPORT



CHALLENGES

→ **Hard to keep track of fleet movements**

Without real-time tracking, delays go unnoticed, affecting delivery schedules and increasing fuel costs.

→ **Inefficient routes lead to higher fuel expenses**

Poor route planning makes trips longer than necessary, causing unnecessary fuel consumption and delivery delays.

→ **Unsafe driving habits impact fleet performance**

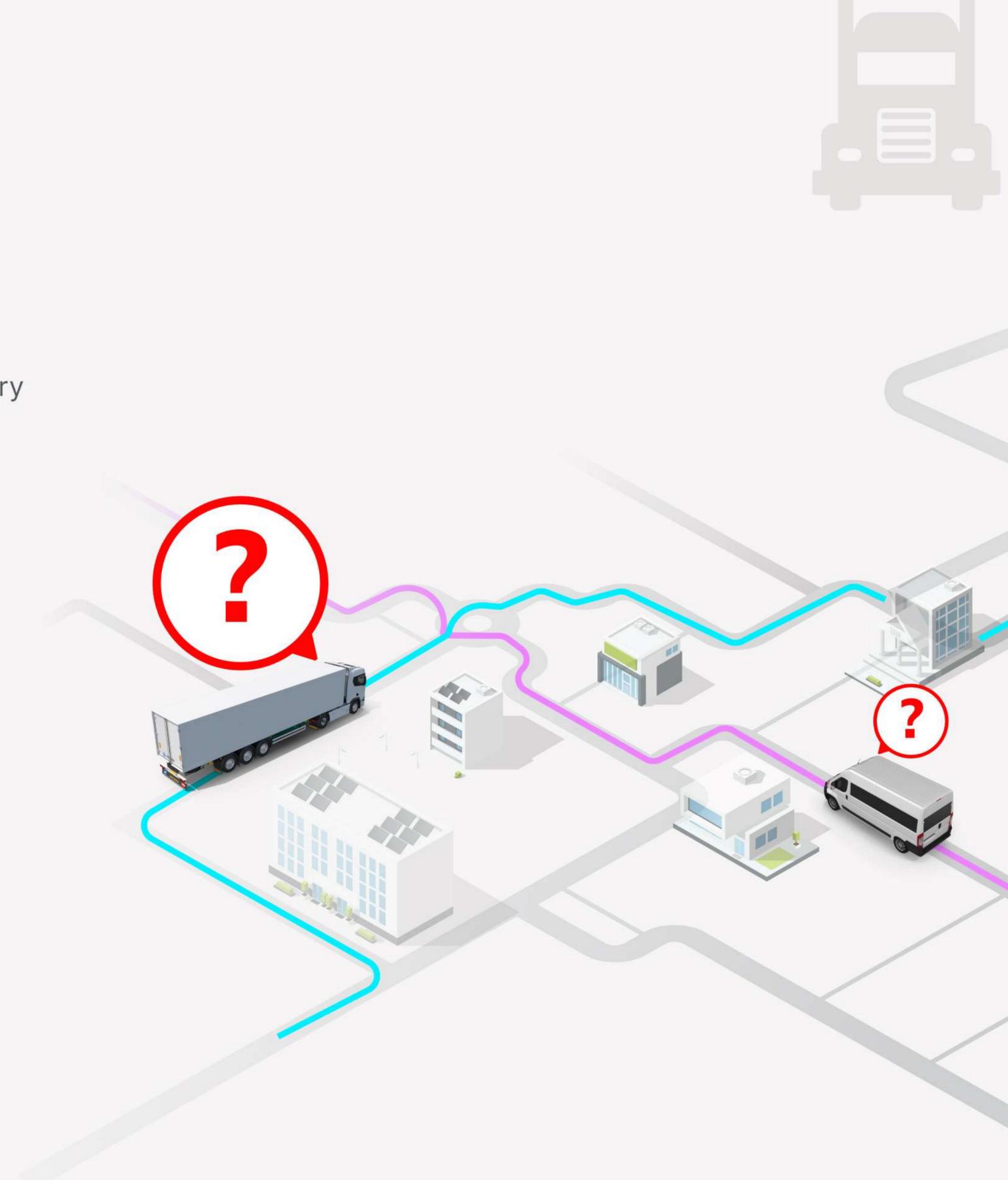
Harsh braking, sudden acceleration, and prolonged idling wear out vehicles faster and increase operational costs.

→ **Overloading lead to improper cargo handling**

Poor load distribution strains vehicles, leading to compliance risks, safety concerns, and potential damage to goods.

→ **Unexpected vehicle failures disturb supply chains**

A breakdown in the middle of a delivery results in costly delays and unplanned repair expenses.



SOLUTIONS

→ Live tracking for complete fleet visibility

Helps logistics managers monitor vehicle movement, ensuring better control over delivery schedules.

→ Smart route planning for faster trips

Optimized routes reduce fuel usage, avoid congestion, and ensure shipments reach their destination on time.

→ Driver behavior monitoring for safer operations

Detects harsh braking, speeding, and idling, helping fleet managers enforce safer and more efficient driving practices.

→ Load monitoring to prevent overloading

Tracks weight distribution in real time, ensuring safe transport and reducing wear on vehicles.

→ Maintenance alerts to prevent downtime

Sends reminders for timely servicing, keeping vehicles in top condition and reducing unexpected failures.



RESULT



1

Deliveries stay on time

Improved tracking and optimized routes ensure better planning and fewer delays.

2

Lower fuel and maintenance costs

Careful driving habits and route optimization reduce unnecessary expenses.

3

Safer transport and better cargo handling

Monitoring load weight and driving behavior minimizes risks to vehicles and goods.

4

Fewer vehicle breakdowns

Timely maintenance keeps trucks in good shape, reducing unexpected failures.

5

Better control over operations

Fleet managers gain real-time insights, improving overall efficiency and decision-making.

CONSTRUCTION AND MINING



CHALLENGES



→ **Tire wear and damage slow down projects**

Uneven terrain, rough surfaces, and heavy loads cause frequent tire failures, resulting in downtime and costly replacements.

→ **High fuel consumption increases costs**

Heavy machinery operates for long hours in fuel-intensive conditions, leading to rising operational expenses.

→ **Underutilized equipment in remote areas**

Machines left idle due to poor tracking and lack of visibility in remote sites lead to inefficient resource allocation.

→ **Missed maintenance leads to breakdowns**

Harsh working environments accelerate wear and tear, and without timely servicing, failures disrupt critical operations.

→ **Unnoticed mechanical issues cause repairs**

Without real-time health monitoring, small faults escalate into major breakdowns, delaying project timelines.



SOLUTIONS

→ Tire management and TPMS for durability

Monitors tire pressure and condition in real-time, preventing sudden failures and extending tire life.

→ Fuel monitoring for better cost control

Tracks fuel usage and detects irregular consumption, preventing waste and optimizing refueling schedules.

→ Asset utilization reports for better planning

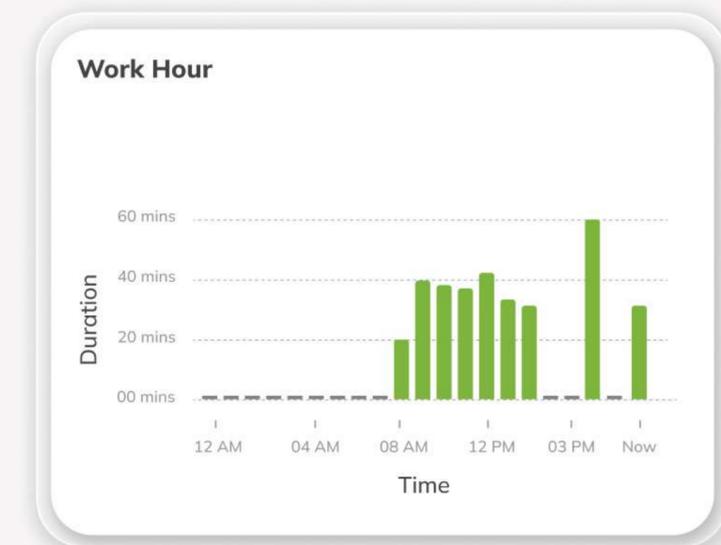
Tracks machine activity across remote sites, ensuring optimal use and reducing idle time.

→ Fleet reminders for timely servicing

Automated alerts help schedule maintenance at the right time, preventing costly downtime.

→ Vehicle health monitoring for proactive repairs

Detects performance issues early, reducing breakdown risks and ensuring smooth operations.



RESULT

1

Fewer tire-related failures and downtime

Preventive monitoring ensures better tire health, reducing unexpected stoppages.

2

Lower fuel costs and better resource planning

Efficient monitoring reduces waste and helps manage refueling in remote locations.

3

Optimized equipment usage across remote sites

Utilization tracking helps avoid unnecessary idling and maximizes productivity.

4

Minimized repair costs with proactive maintenance

Timely servicing prevents expensive breakdowns and keeps projects on track.

5

Equipment lifespan extended by 20%

Health monitoring ensures heavy machinery remains reliable and operational for longer.



AGRICULTURE



CHALLENGES

→ Delayed maintenance reduces vehicle lifespan

Harsh agricultural conditions wear out machinery quickly, and missed servicing leads to breakdowns during peak seasons.

→ Difficult to track vehicle movement in large farms

Lack of live tracking can lead to delays and inefficiencies, disturbing operations.

→ Unmonitored tire pressure affects performance

Sharp objects, uneven terrain, and heavy loads may cause tire damage in fields. It leads to slow leaks or sudden pressure drops.

→ Engine inefficiencies cause fuel wastage

Irregular RPM levels lead to excessive wear, higher fuel use, and increased downtime for repairs.

→ Untracked expenses lead to rising costs

Manual record-keeping for fuel, repairs, and maintenance creates budgeting challenges for farm owners.



SOLUTIONS

→ Fleet reminders for proactive servicing

Sends automated alerts for scheduled maintenance, reducing the risk of breakdowns during critical farm activities.

→ Live tracking with geofencing for better management

Ensures every machine is accounted for, preventing misplacement and improving operational efficiency.

→ TPMS for real-time tire pressure monitoring

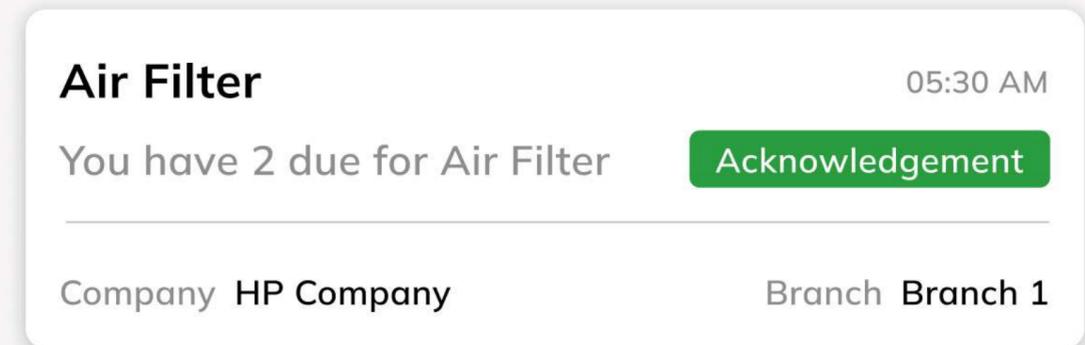
Detects slow leaks and sudden pressure drops, preventing unexpected failures in the field.

→ RPM monitoring for optimized engine performance

Tracks engine activity and alerts farmers to inefficiencies, reducing excessive fuel consumption.

→ Expense management for better cost tracking

Automates fuel and maintenance expense logging, helping farmers manage budgets effectively.



RESULT



1

Fuel consumption reduced by 12%

Better engine and tire monitoring optimize fuel use across farm operations.

2

Tire-related breakdowns decreased by 30%

TPMS ensures proper tire pressure, minimizing wear and reducing replacements.

3

Equipment uptime improved by 25%

Live tracking and geofencing prevent idle time, ensuring machines are used effectively.

4

Unplanned repairs reduced by 40%

Predictive maintenance alerts help farm managers avoid sudden breakdowns.

5

Better cost control and financial planning

Digital expense tracking eliminates errors, helping farmers manage budgets efficiently.

DAIRY, FOOD & BEVERAGE SUPPLY CHAIN



CHALLENGES

→ **Maintaining the right temperature for goods**

Fluctuating temperatures during transport can spoil dairy, food, and beverages, leading to product loss.

→ **Overloading or improper cargo handling**

Uneven load distribution can damage fragile items and affect temperature consistency.

→ **Unoptimized routes cause delays**

Poor route planning increases transit time, impacting product freshness and delivery schedules.

→ **Manual documentation slows compliance processes**

Paper-based record-keeping delays operations and increases the risk of errors in regulatory compliance.



SOLUTIONS

→ Temperature monitoring for product safety

Tracks temperature in real-time, sending alerts if fluctuations occur to prevent spoilage.

→ Load monitoring for cargo protection

Ensures even weight distribution, reducing damage risks and maintaining cooling efficiency.

→ Job and route optimization for timely deliveries

Plans the best routes, reducing transit time and ensuring products reach stores and warehouses fresh.

→ Digital document management for faster compliance

Automates record-keeping, making it easier to meet food safety regulations and streamline logistics.



RESULT



1

Reduced product losses by 20%

Temperature monitoring maintains ideal storage conditions, preventing spoilage.

2

Delivery efficiency improved by 15%

Optimized routing minimizes delays, ensuring products reach their destination fresh.

3

Cargo damage decreased by 25%

Load monitoring prevents stacking issues, reducing unnecessary losses.

4

Breakdowns due to tire pressure reduced by 35%

TPMS helps maintain optimal pressure, preventing blowouts and ensuring smooth deliveries.

SECURITY - FOCUSED FLEET



CHALLENGES



→ **Unauthorized access to cargo leads to financial losses**

Traditional locks can be tampered with, increasing the risk of theft during transit.

→ **Limited visibility into vehicle movement**

High-value goods require constant monitoring, but without real-time tracking, theft and unauthorized stops go undetected.

→ **Unmonitored driver behavior raises safety concerns**

Aggressive driving, prolonged idling, or route deviations compromise security and cargo safety.

→ **Poor route risks vehicle safety**

Without optimized routes, vehicles may pass through high-crime zones, increasing the chances of hijacking or theft.

→ **Lack of geofencing alerts delays response**

Unauthorized route deviations or extended stops can go unnoticed, delaying preventive actions.



SOLUTIONS

→ E-lock system for enhanced cargo security

Digitally controlled locks prevent unauthorized access and provide remote locking/unlocking capabilities.

→ Live Video monitoring

AI-powered cameras track driver actions, detect drowsiness or distractions, and provide live visual insights.

→ Driver management for safer operations

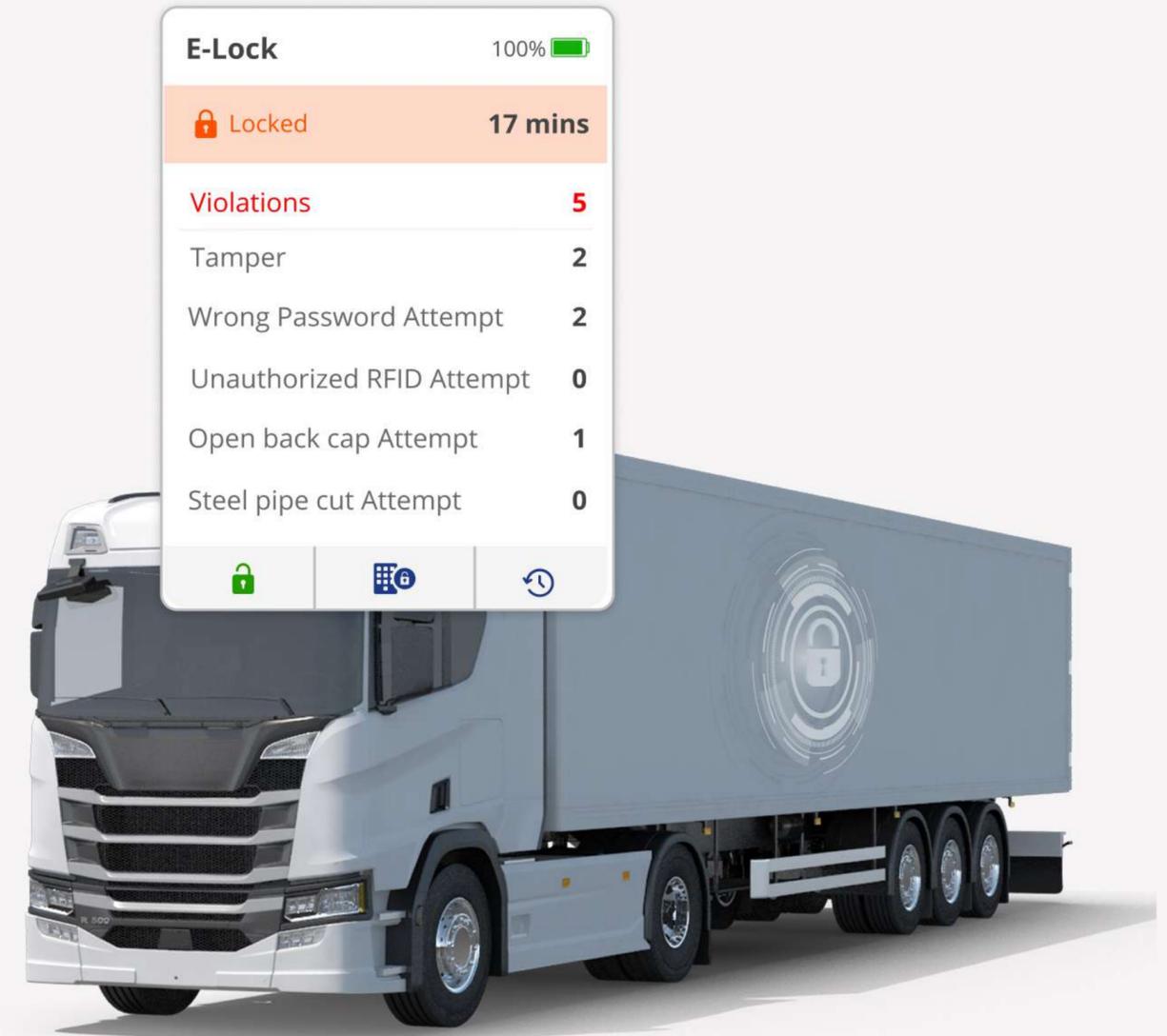
Monitors driving behavior, ensuring adherence to security protocols and reducing risky maneuvers.

→ Job and route optimization for risk-free transit

Plans safe and efficient routes, avoiding high-crime areas and ensuring timely deliveries.

→ Geo-fencing for real-time security alerts

Triggers instant notifications for route deviations, unauthorized stops, or entry into restricted areas.



RESULT



1

Theft incidents reduced by 40%

E-locks and geofencing alerts prevent unauthorized access, securing cargo.

2

Safer driving practices improved by 30%

AI-driven monitoring helps detect risky behavior and enhances driver accountability.

3

Response time to security threats improved by 25%

Real-time tracking and alerts enable faster action during potential breaches.

4

Route deviations decreased by 35%

Optimized planning and geofencing reduce unnecessary stops and unsafe detours.

5

Better compliance with security protocols

Video evidence and automated reports ensure adherence to industry safety regulations.

EMERGENCY RESPONSE FLEET



CHALLENGES



→ **Delayed response times impact critical situations**

Without real-time tracking, dispatchers struggle to assign the nearest available vehicle, causing life-threatening delays.

→ **Lack of immediate alerts affects emergency response**

Mechanical failures or road obstructions go unnoticed, leading to operational inefficiencies.

→ **Poor route planning increases response time**

Emergency vehicles may get stuck in traffic or take longer routes, delaying assistance.

→ **Unsafe driving puts responders and the public at risk**

Speeding, harsh braking, and distracted driving compromise vehicle control and safety.

→ **Missed vehicle inspections lead to breakdowns**

Emergency fleets require regular checks, and overlooked maintenance results in unreliable performance.



SOLUTIONS

→ Real-time tracking for better dispatching

Enables control centers to assign the nearest vehicle, ensuring quicker response times.

→ Critical alerts for real-time issue detection

Sends immediate notifications for mechanical failures, traffic congestion, or unauthorized vehicle use.

→ Job and route optimization for faster response

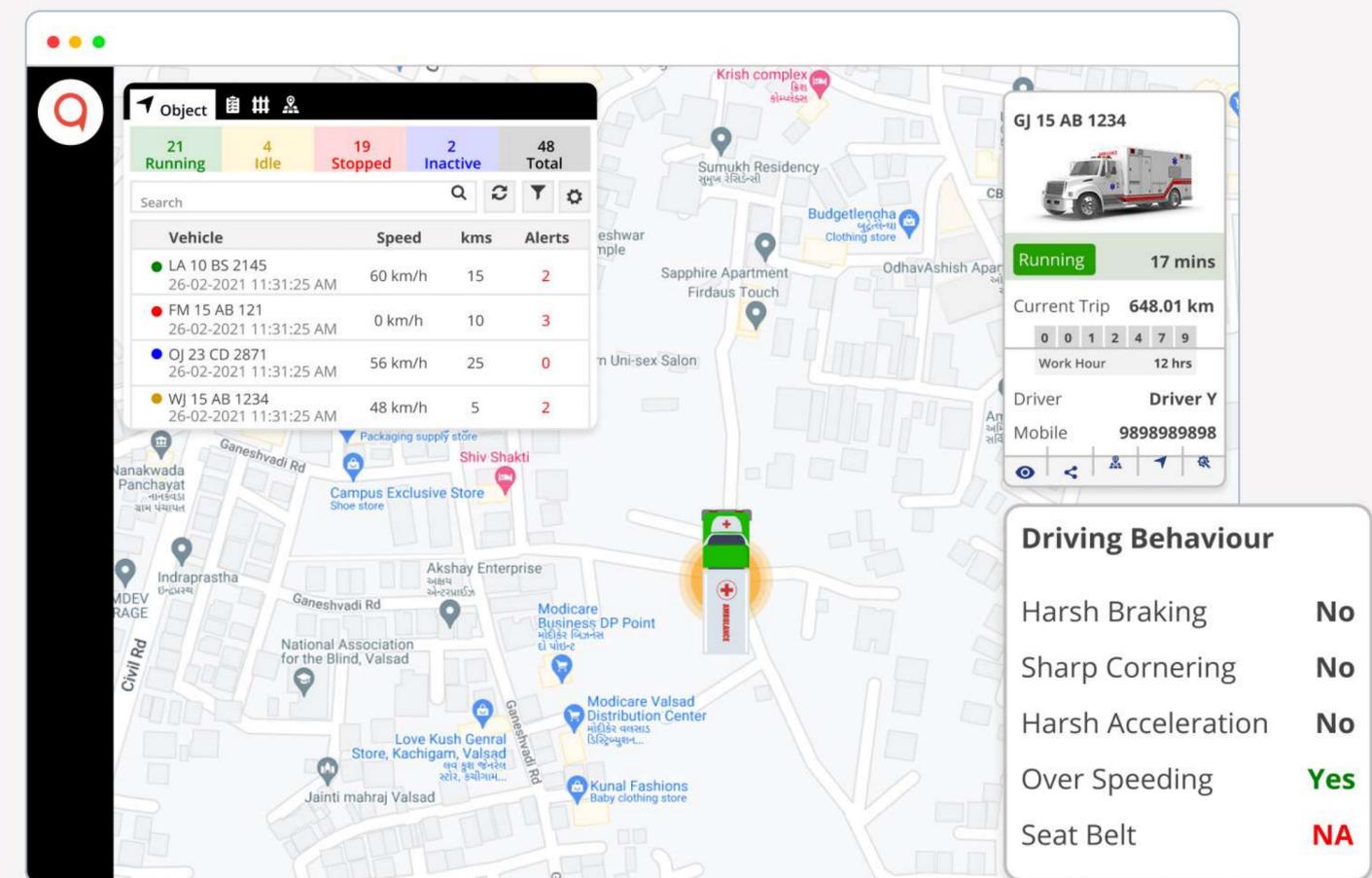
Provides the most efficient route, avoiding traffic and ensuring rapid arrival.

→ Driver behavior monitoring for safer operations

Detects speeding, harsh braking, and distractions, promoting responsible driving.

→ Fleet maintenance and vehicle inspection reminders

Ensures routine checks and timely servicing, keeping vehicles in peak condition.



RESULT



1

Emergency response time improved by 30%

Real-time tracking and route optimization ensure faster dispatching.

2

Breakdowns reduced by 40%

Proactive maintenance prevents mechanical failures during operations.

3

Driver safety incidents decreased by 25%

Monitoring and training encourage safer driving practices.

4

Fuel efficiency improved by 15%

Optimized routes and responsible driving reduce fuel wastage.

5

Higher fleet availability for critical missions

Regular maintenance and inspections keep vehicles ready for emergencies.

KEY TAKEAWAYS FROM TRAKZEE

Here's what you've learned about Trakzee and how it transforms fleet operations

- ✔ Covers real-time tracking, vehicle health monitoring, and driver behavior analysis to improve fleet operations.
- ✔ Provides solutions for fuel management, maintenance scheduling, compliance tracking, and security enhancements.
- ✔ Supports seamless integration with APIs and various hardware to ensure compatibility across fleet systems.
- ✔ Includes extended features such as geofencing, e-locks, tachograph analysis, and industry-specific compliance tools.
- ✔ Offers automation and predictive analytics to enhance decision-making and operational efficiency.
- ✔ Showcases industry-specific use cases, demonstrating how different fleets benefit from the software.
- ✔ Helps fleet managers reduce costs, increase productivity, and maximize return on investment.

Notes

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