

PERSONAL VEHICLE TRACKING

EBOOK



PURPOSE OF THIS EBOOK

Personal vehicle tracking is no longer just about knowing a vehicle's location—it's about enhancing security, improving convenience, and ensuring seamless management for both individuals and businesses. This eBook is designed specifically for **OEMs, vehicle manufacturers, and system integrators** to explore how **Trakzee Mini** can empower them with a **versatile and scalable tracking solution**.

Through this eBook, you will:






Gain insights into the **challenges** of personal vehicle management and how Trakzee Mini resolves them.




Explore **Trakzee Mini's** powerful features, providing real-time tracking, security, and seamless fleet control.

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

By the end of this eBook, you'll have a **clear understanding** of how **Trakzee Mini enhances personal vehicle tracking**, helping you **strengthen offerings as a trusted technology partner**.

TABLE OF CONTENT

	INTRODUCTION	01
	WHY PERSONAL VEHICLE MANAGEMENT IS A BIG OPPORTUNITY FOR YOU?	03
	DESIGNED FOR EVERY ROLE: SMOOTH VEHICLE TRACKING FOR ALL	05
	CHALLENGES WITHOUT PERSONAL VEHICLE MANAGEMENT TODAY	07
	SOLUTION THROUGH FEATURES	09
	Attractive Dashboard	11
	Live tracking	13
	Maintenance Reminders	15
	Address & Geofence Management	17
	Parking Mode Security	19
	Instant SOS Assistance	21
	Driver Behavior Monitoring	23

Easy Inventory Management	25
 KEY REASONS TO INVEST	27
 USE CASES ACROSS DIFFERENT ROLES	31
Rental Services	33
Personal Vehicle Tracking	37
 KEY TAKEAWAYS	41

INTRODUCTION

“ Personal vehicle tracking software is designed to enhance security and manage vehicle on personal terms. It provides users with tools for real-time tracking, geo-fencing, remote immobilization, and proactive maintenance reminders. By integrating advanced technology with an user-friendly interface, it adapts effortlessly to various personal vehicle types, making the management smarter and more efficient. ”



WHY PERSONAL VEHICLE
MANAGEMENT IS A BIG
OPPORTUNITY FOR YOU?



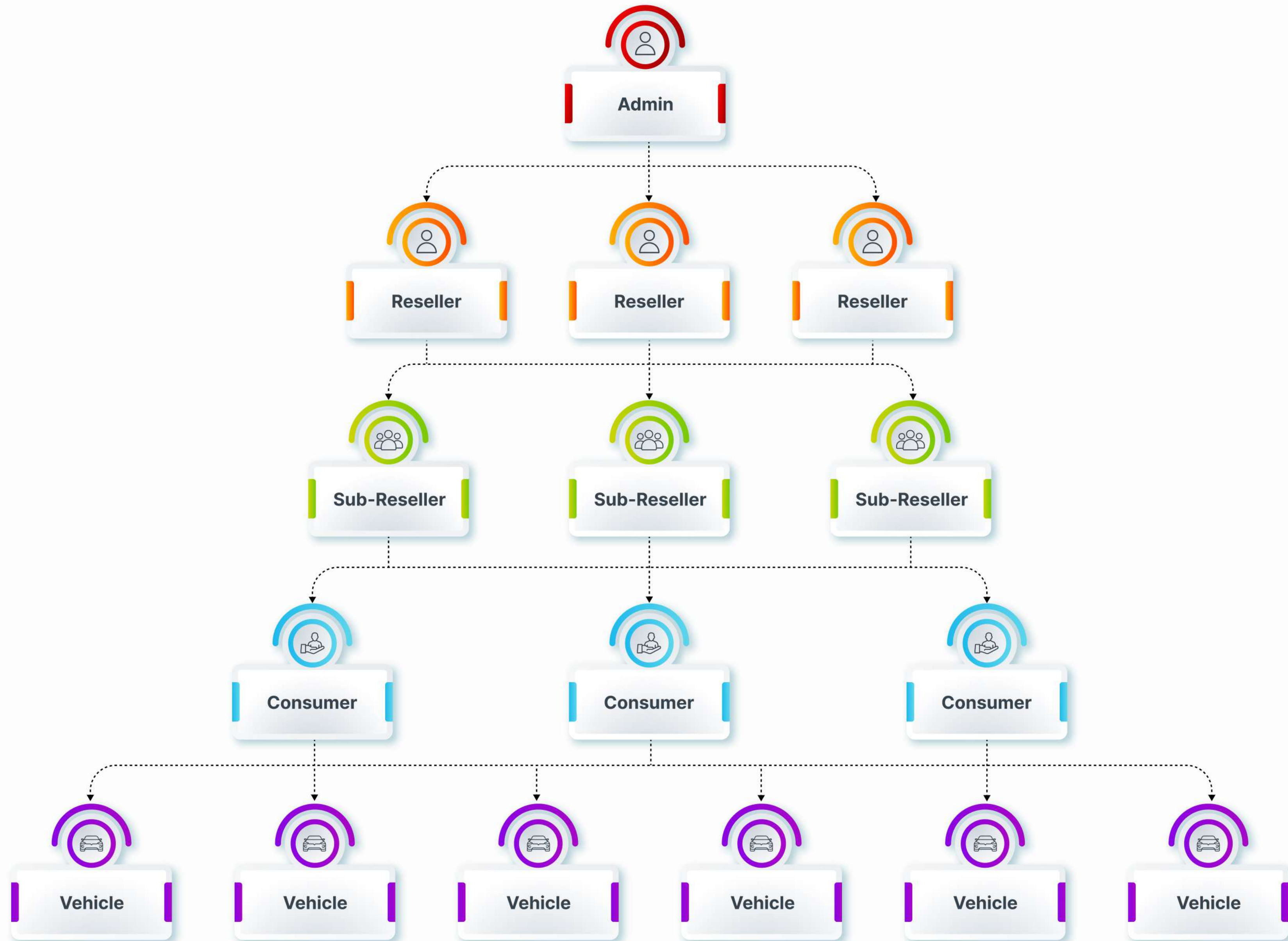
Enhance customer experience

Offer users real-time tracking, theft protection, and seamless vehicle management for different personal vehicle types.



DESIGNED FOR **EVERY ROLE:**
SMOOTH **VEHICLE TRACKING**
FOR ALL





CHALLENGES WITHOUT PERSONAL VEHICLE MANAGEMENT TODAY





1

Vehicle theft and unauthorized use

Lack of real-time tracking and security alerts makes personal vehicles vulnerable to theft and misuse.

2

Unmonitored parking and movement

Difficulty in tracking parked vehicles leads to unauthorized movement, and parking disputes.

3

Missed maintenance schedules

Without automated reminders, owners may overlook critical servicing, resulting in frequent breakdowns and costly repairs.

4

Limited emergency response

In case of accidents or breakdowns, there is no instant alert system to notify owners or emergency contacts.

5

Lack of insights for better management

Without data-driven insights, vehicle owners struggle to analyze usage patterns, optimize trips, and ensure cost efficiency.

6


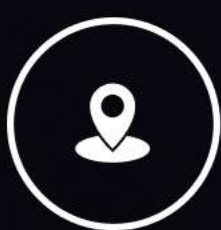



Unsafe driving behaviors

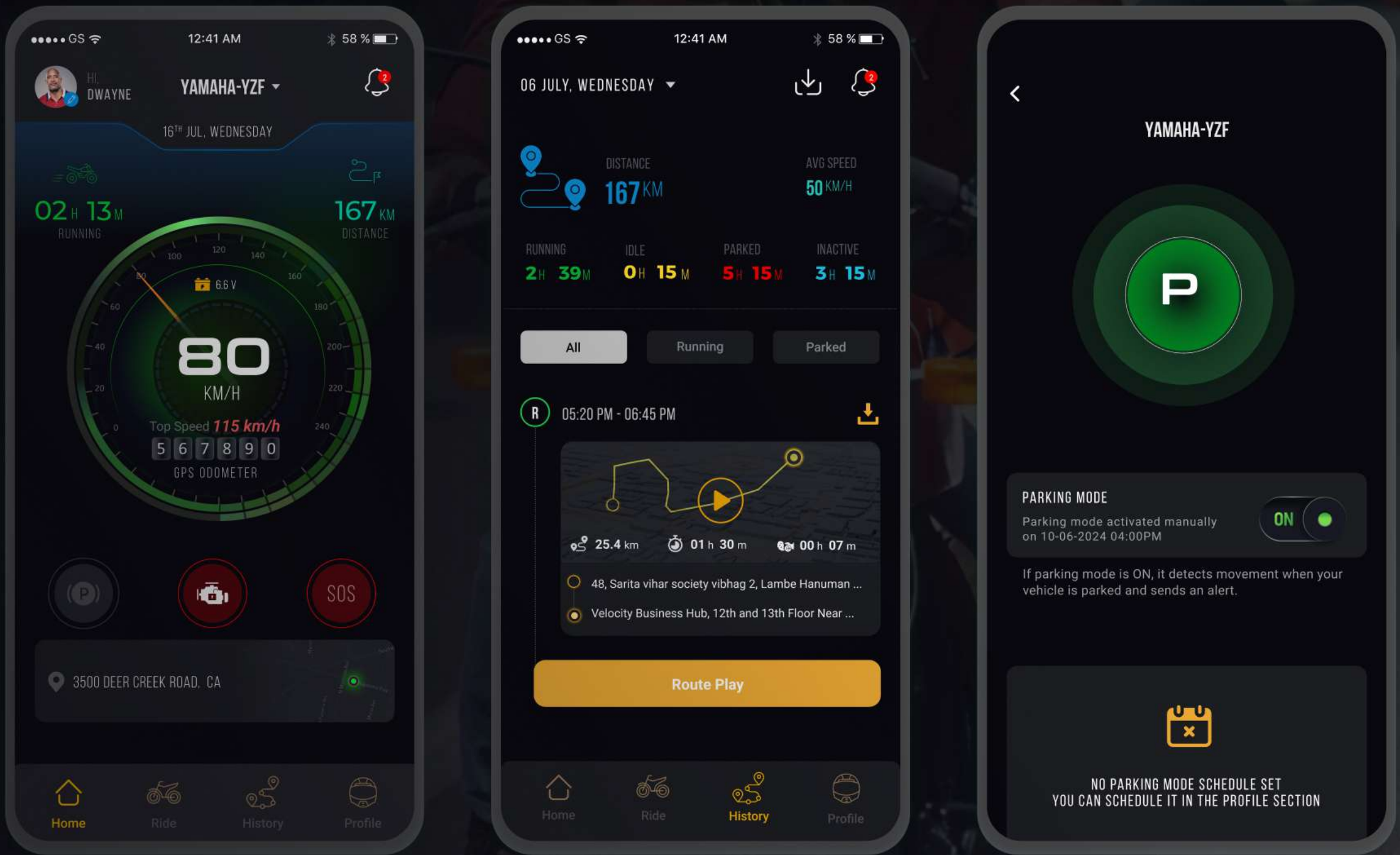
Without monitoring driving habits, unsafe practices like speeding and harsh braking increase accident risks.

SOLUTION THROUGH FEATURES



Managing personal vehicles efficiently requires the right tools to address common challenges. Overcome challenges like theft prevention, unmonitored vehicle movement, missed maintenance, and inefficient tracking with ease. With features like real-time tracking, geo-fencing, remote immobilization, and maintenance reminders, the software helps improve vehicle security and simplify management. Each feature plays an important role in making vehicle ownership easier, improving user experience, and providing useful insights. This section explains how these features work together to make personal vehicle tracking smarter and more reliable.

-  Dashboard
-  Live Tracking
-  Maintenance Reminders
-  Address & Geofence Management
-  Parking Mode Security



ATTRACTIVE DASHBOARD

Get a clear and real-time view of the vehicle's status at a glance. The dashboard provides a user-friendly interface to track essential details at a glance. With a visually appealing design, it ensures that all key information is easily accessible.



KEY INSIGHTS

1

Live tracking

Track the vehicle's real-time location and movement with precision.

2

Real-time speed and distance monitoring

Instantly view current speed and recently completed tripl distance covered.

3

GPS & connectivity status

Check whether vehicle's GPS is active and connected.

4

Parking & movement alerts

Receive notifications when vehicle is parked or in motion and detect unauthorized movement.

5

Emergency SOS button

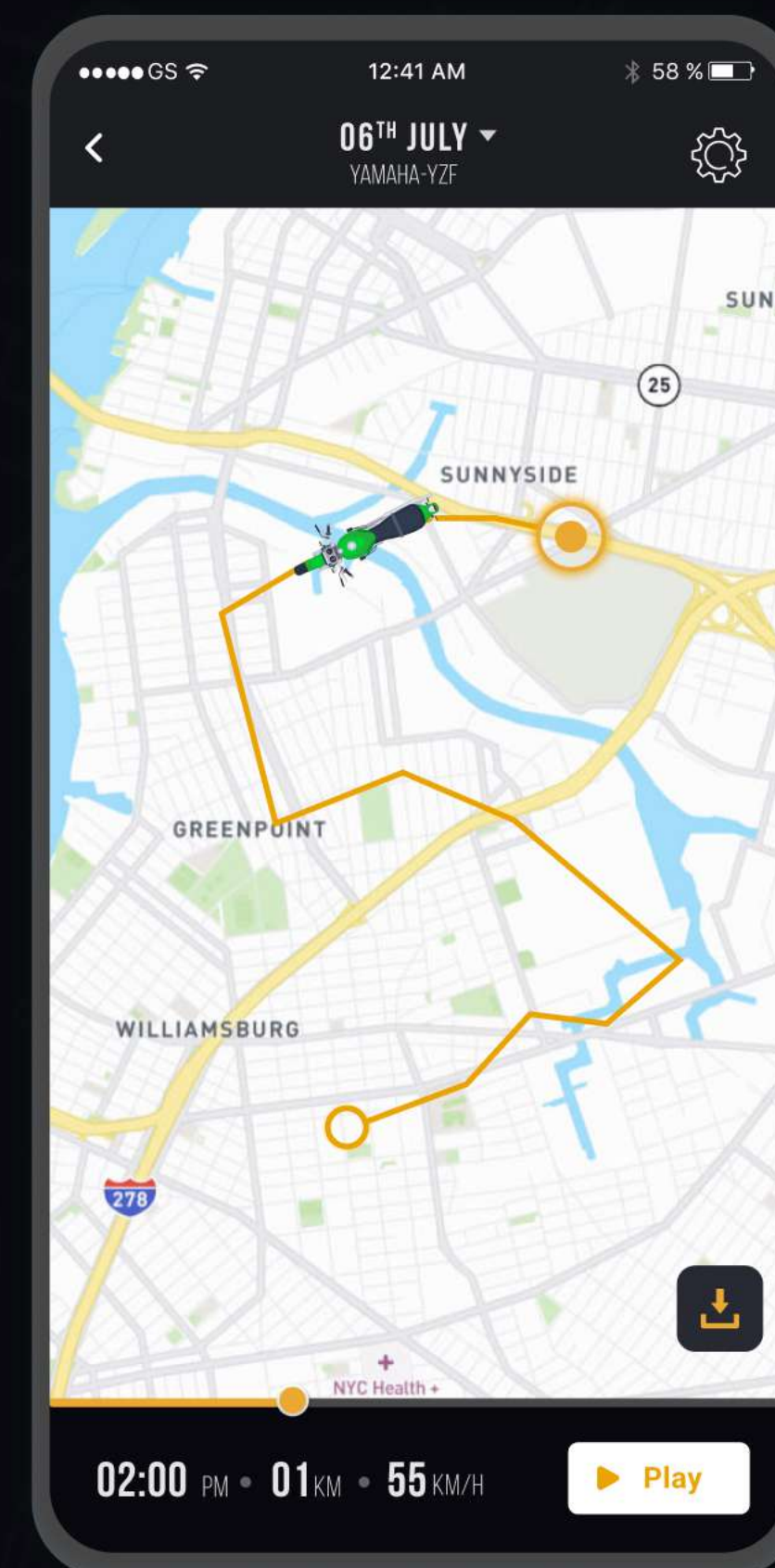
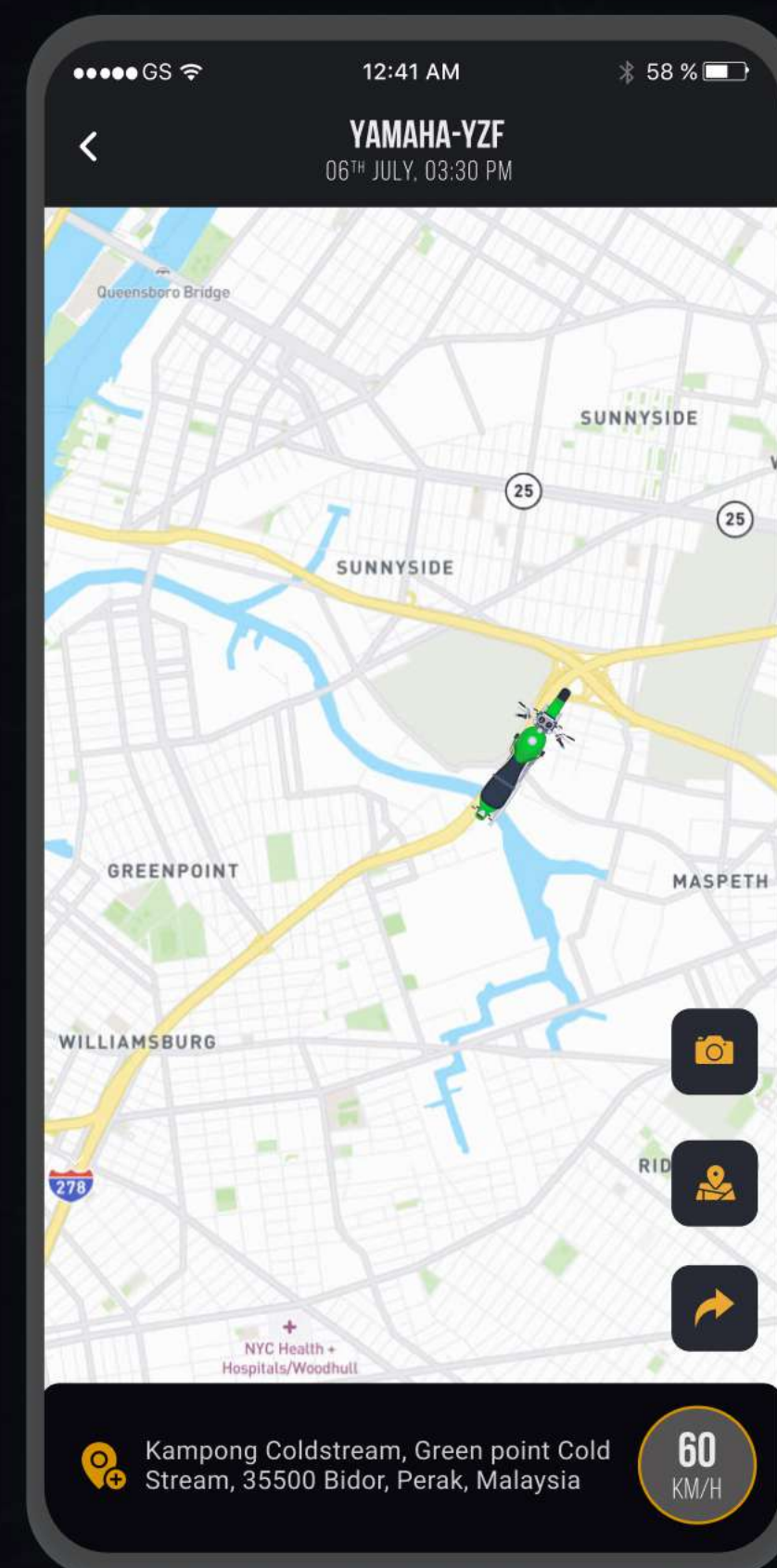
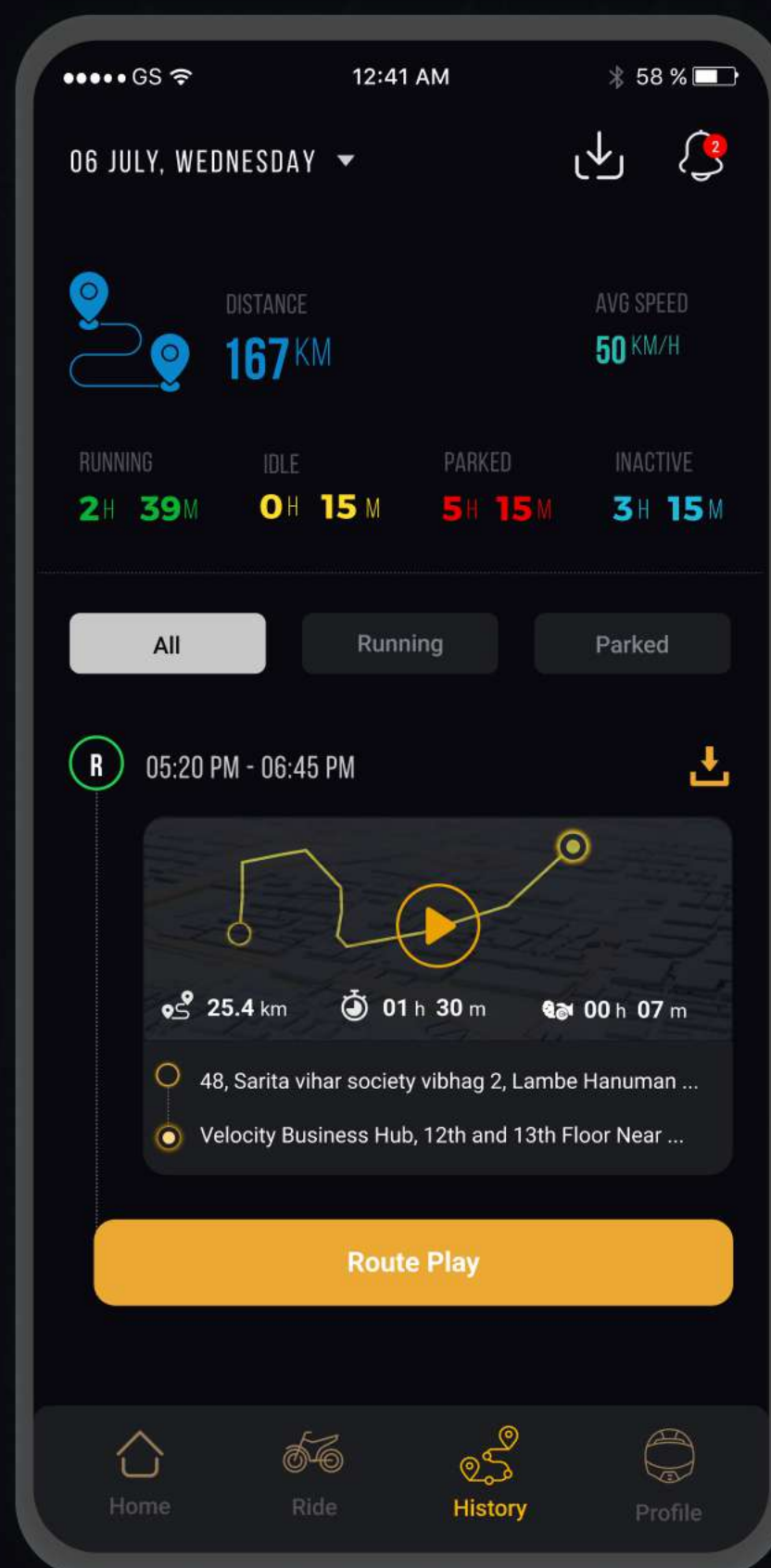
Quick access to emergency assistance when needed.

BENEFIT

Stay connected to the vehicle with real-time tracking and instant updates, all in one place.

LIVE TRACKING

Live tracking allows users to monitor their vehicle's location, ensuring complete visibility and control. Whether parked or in motion, the software provides instant updates, helping users track movements, prevent unauthorized access, and enhance security.



KEY INSIGHTS

1

Real-time location updates

Instantly track vehicle's movement with precise location data.

2

Customizable map views

Choose from different map styles (roadmap, satellite, hybrid, terrain) and overlay layers for better visualization.

3

Location access & sharing

Retrieve vehicle's location with a single tap and securely share it when needed.

4

Navigation assistance

Get step-by-step directions to vehicle with the relocate/recenter feature.

5

Trip history playback

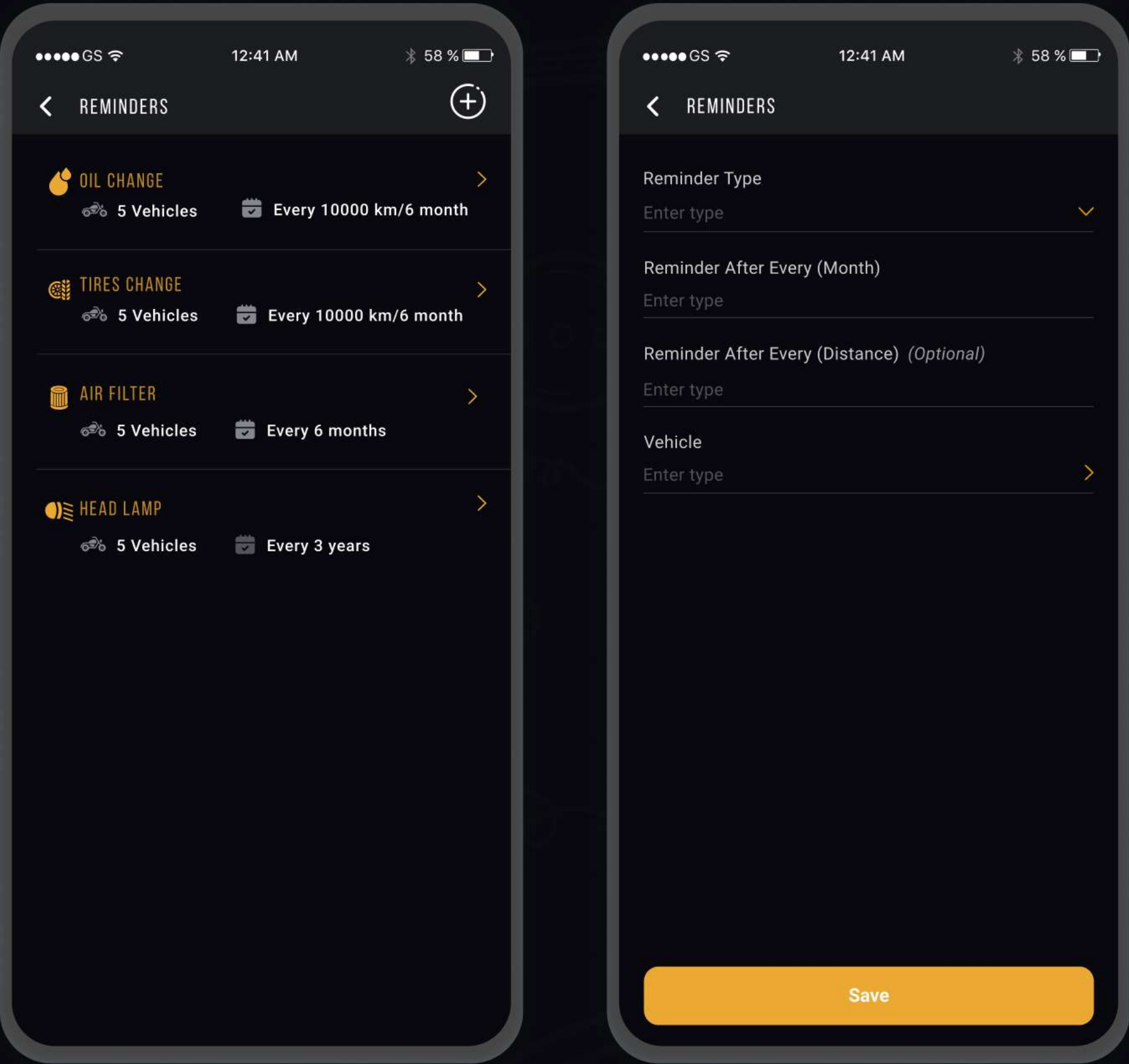
View a detailed trip-wise history of vehicle's past movements for better analysis.

BENEFIT

Gain complete visibility and control over vehicle's movements with real-time tracking.

MAINTENANCE REMINDERS

Stay ahead of vehicle maintenance with automated reminders. Reduce the risk of unexpected breakdowns and keep the vehicle in top condition by scheduling reminders for key services.



KEY INSIGHTS

1

Customizable reminder types

Set reminders for important tasks like battery checks, insurance renewals, oil changes, tire replacements, and more.

2

Flexible scheduling options

Choose reminders based on time (monthly, yearly) or distance traveled to match the vehicle usage.

3

Automated alerts

Receive notifications when a service is due or overdue, ensuring timely maintenance without manual tracking.

4

Multi-vehicle management

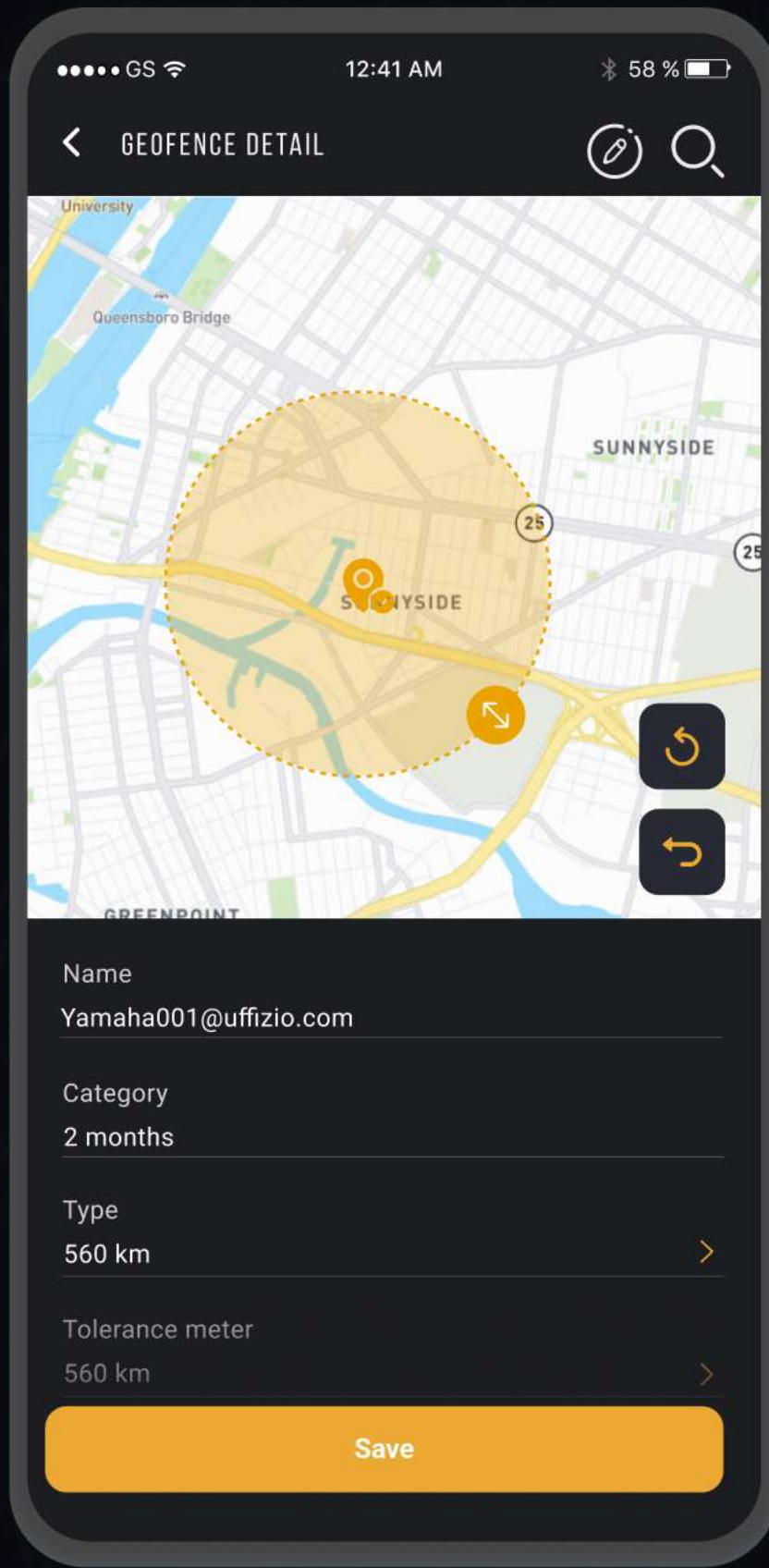
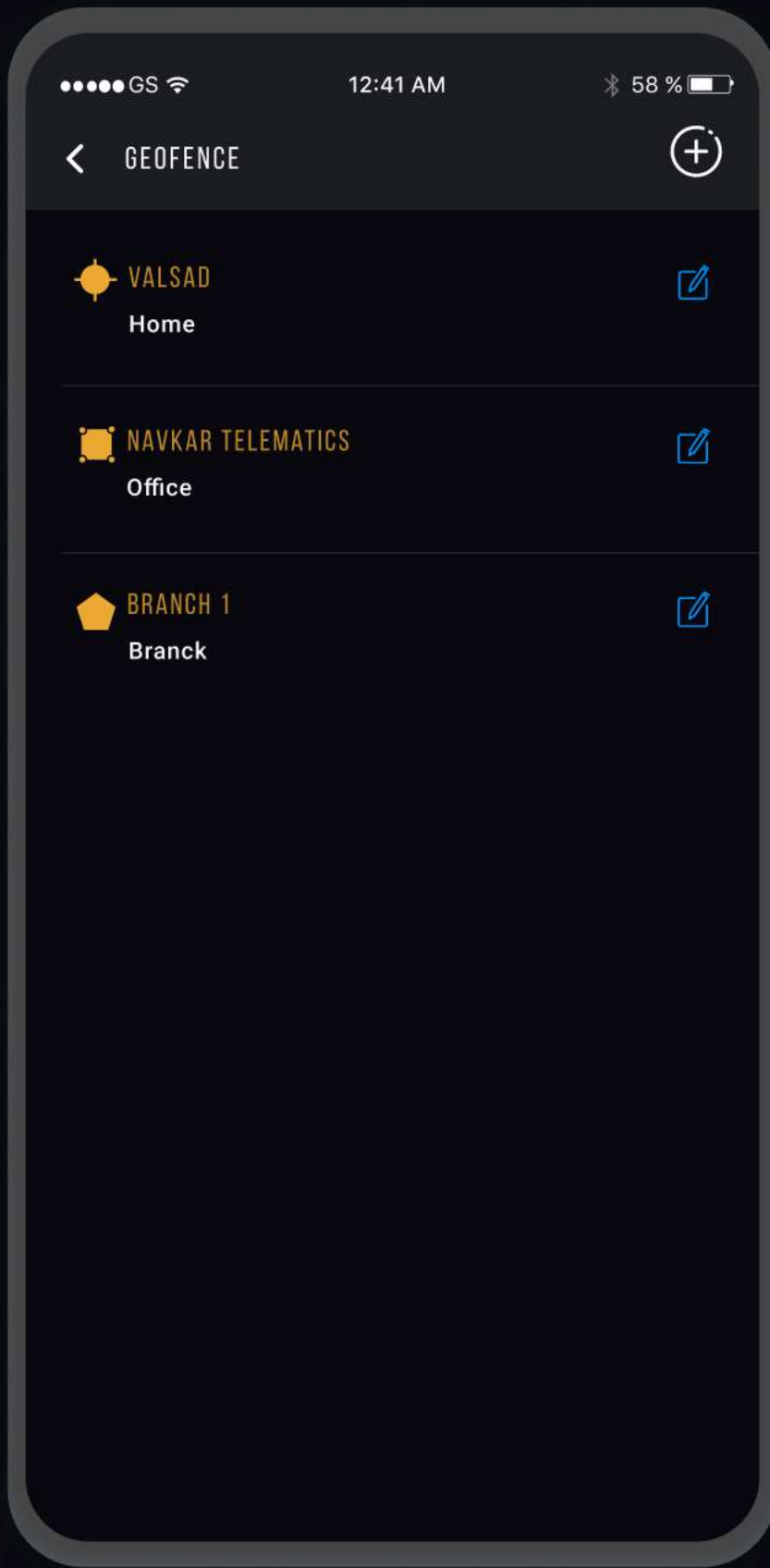
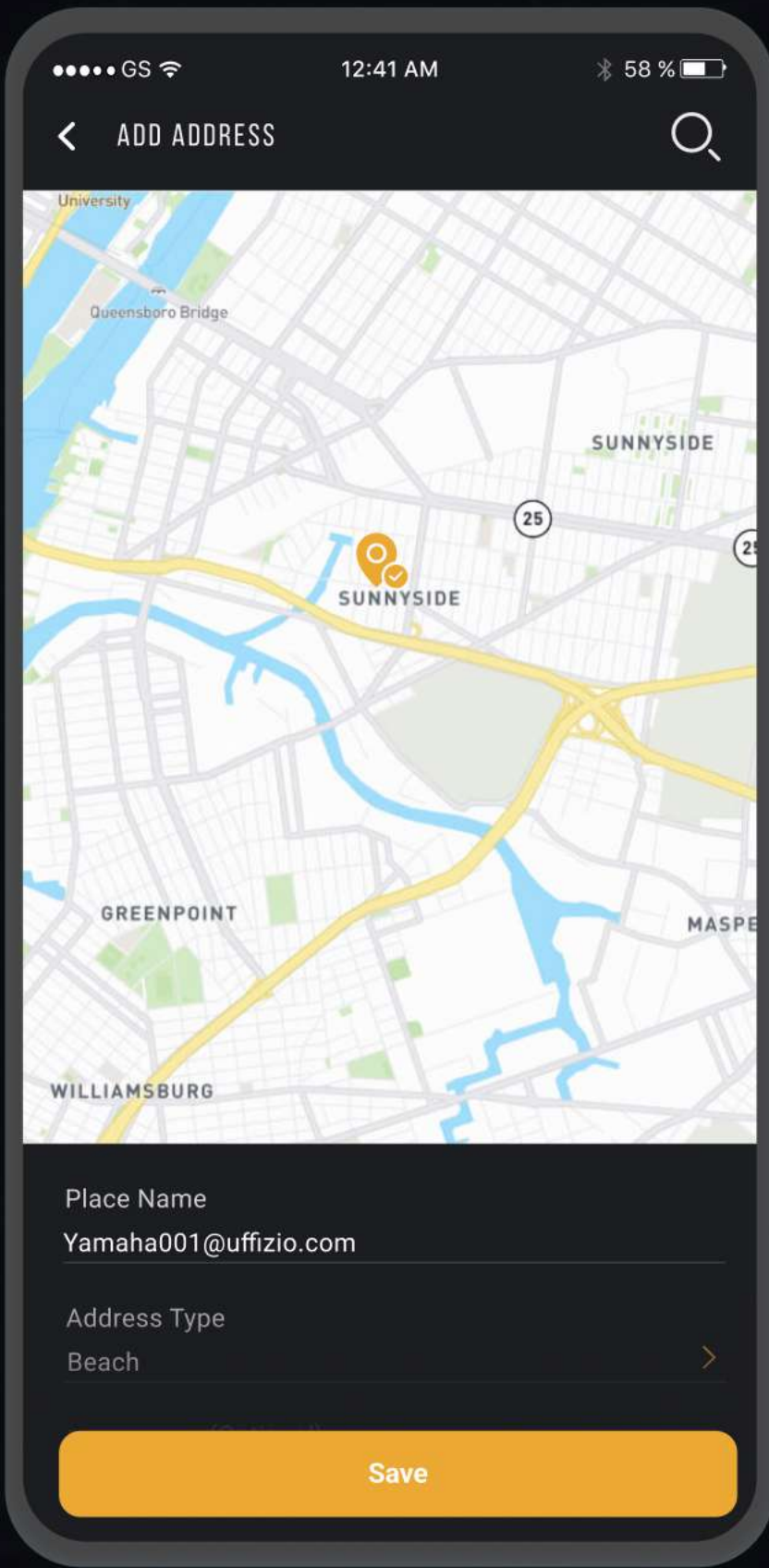
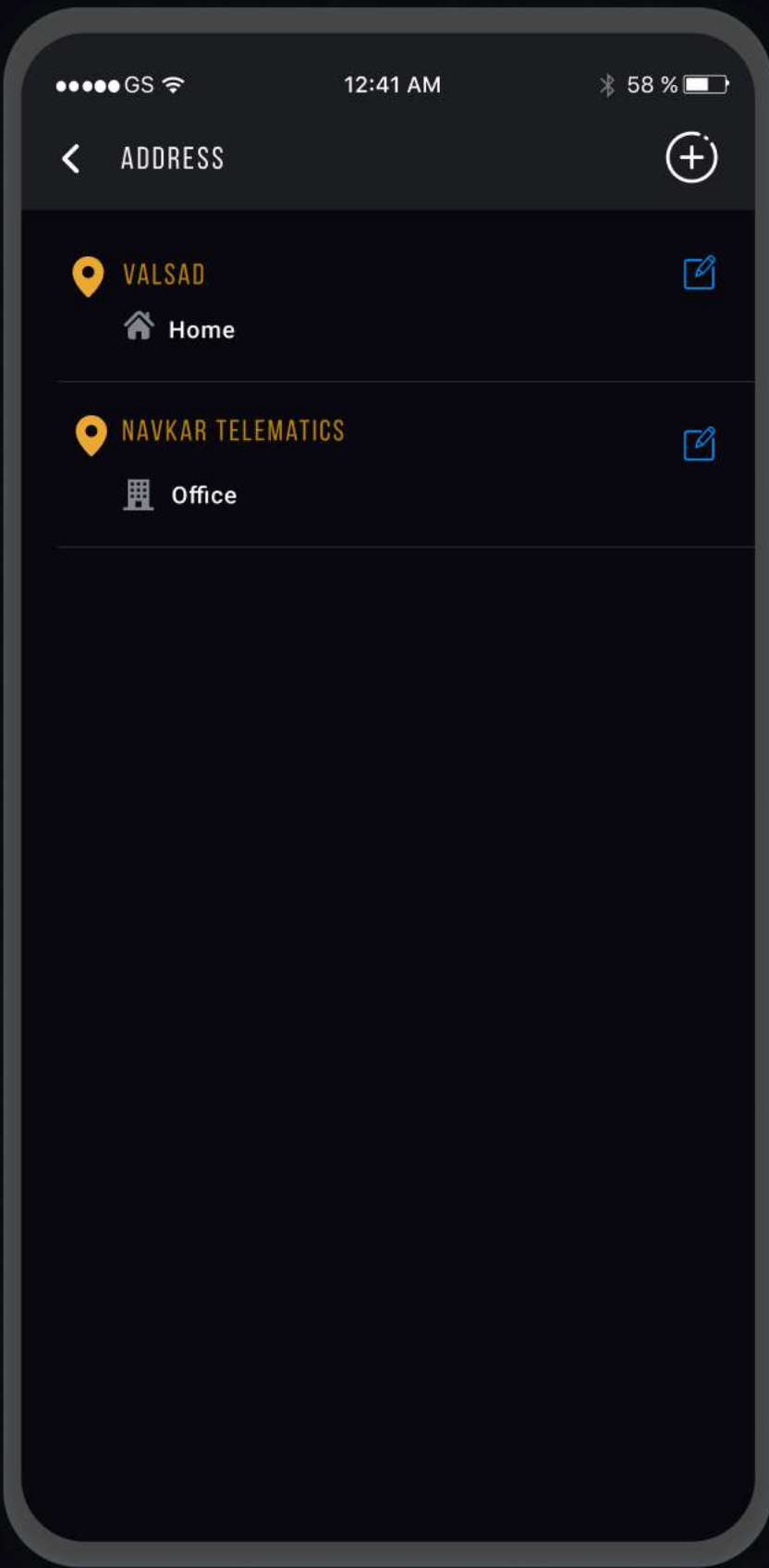
Easily track service schedules for multiple vehicles in one place, ideal for individuals and fleet owners.

BENEFIT

Prevent costly repairs by ensuring timely vehicle maintenance with automated service reminders.

ADDRESS & GEOFENCE MANAGEMENT

Enhance vehicle monitoring with customizable geofences and address management. Create designated zones, receive alerts for entries and exits, and ensure efficient fleet movement.



KEY INSIGHTS

1

Custom address management

Save frequently visited locations such as home, office, or key operational points for quick access.

2

Multiple geofence options

Define virtual boundaries in circular, square, or polygonal shapes to suit different monitoring needs.

3

Entry & exit alerts

Receive instant notifications when a vehicle enters or exits a designated geofence.

4

Tolerance adjustment

Set tolerance limits to refine geofence precision and minimize unnecessary alerts.

5

Zone categorization

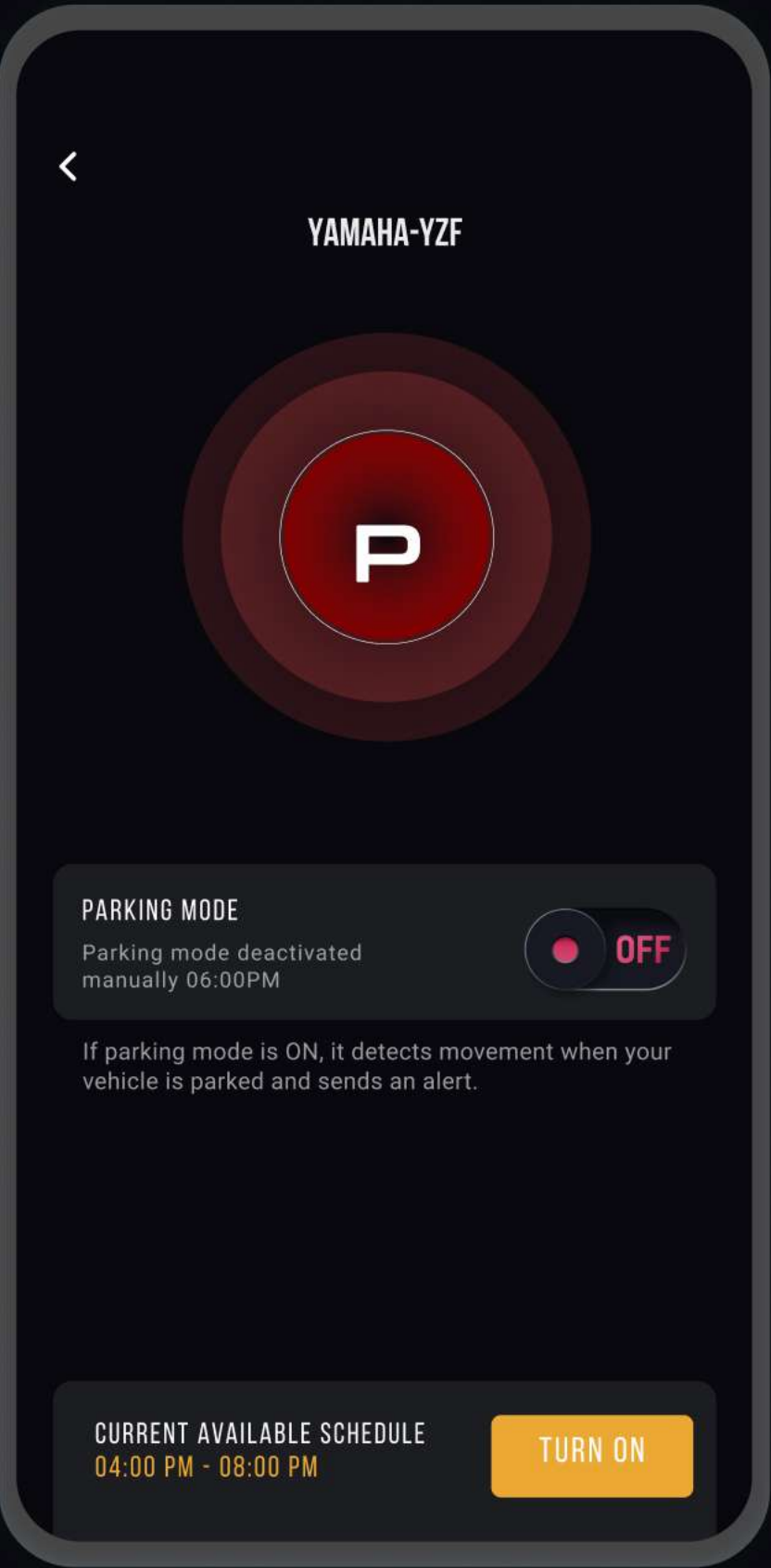
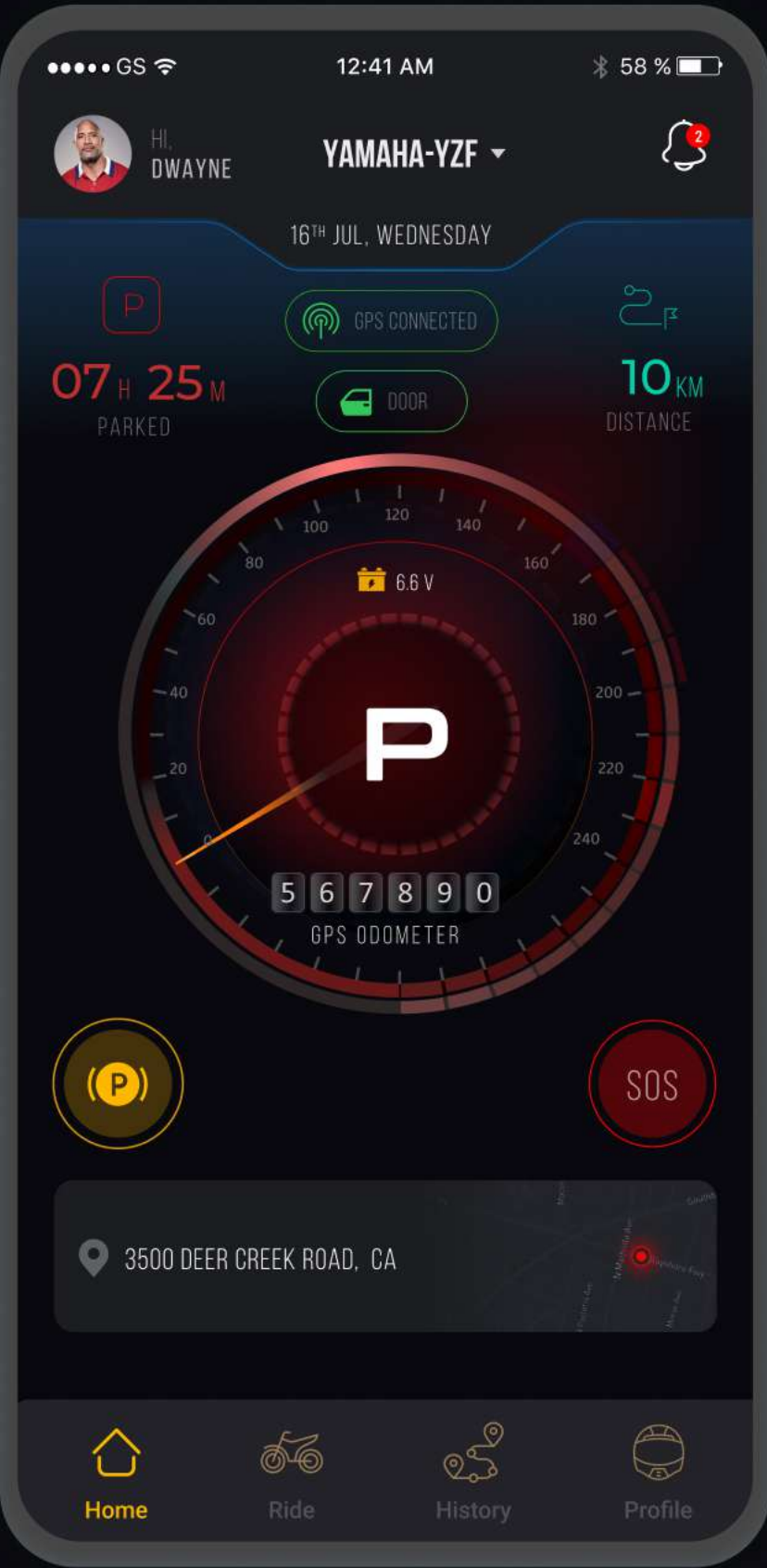
Mark areas as 'Stay in Zone' or 'Stay Away from Zone' to configure alerts for in/out geofence activities of the vehicle.

BENEFIT

Boosts security and operational efficiency by ensuring vehicles stay within designated zones.

PARKING MODE SECURITY

Activate Parking Mode to safeguard vehicle when stationary. Receive instant alerts if unauthorized movement is detected, ensuring real-time security and peace of mind.



KEY INSIGHTS

1

Real-time activation

Parking mode can be activated when the vehicle is in a stationary state, ensuring security at the touch of a button.

2

Instant violation alerts

If the vehicle moves beyond 100 meters while in parking mode, an immediate parking violation alert is triggered.

3

Visual status indicator

A color-coded indicator highlights the activation of parking mode, turning green when enabled for quick identification.

4

Secure vehicle

Acts as an anti-theft measure by alerting the owner in case of unauthorized vehicle access or movement.

5

Schedule parking mode

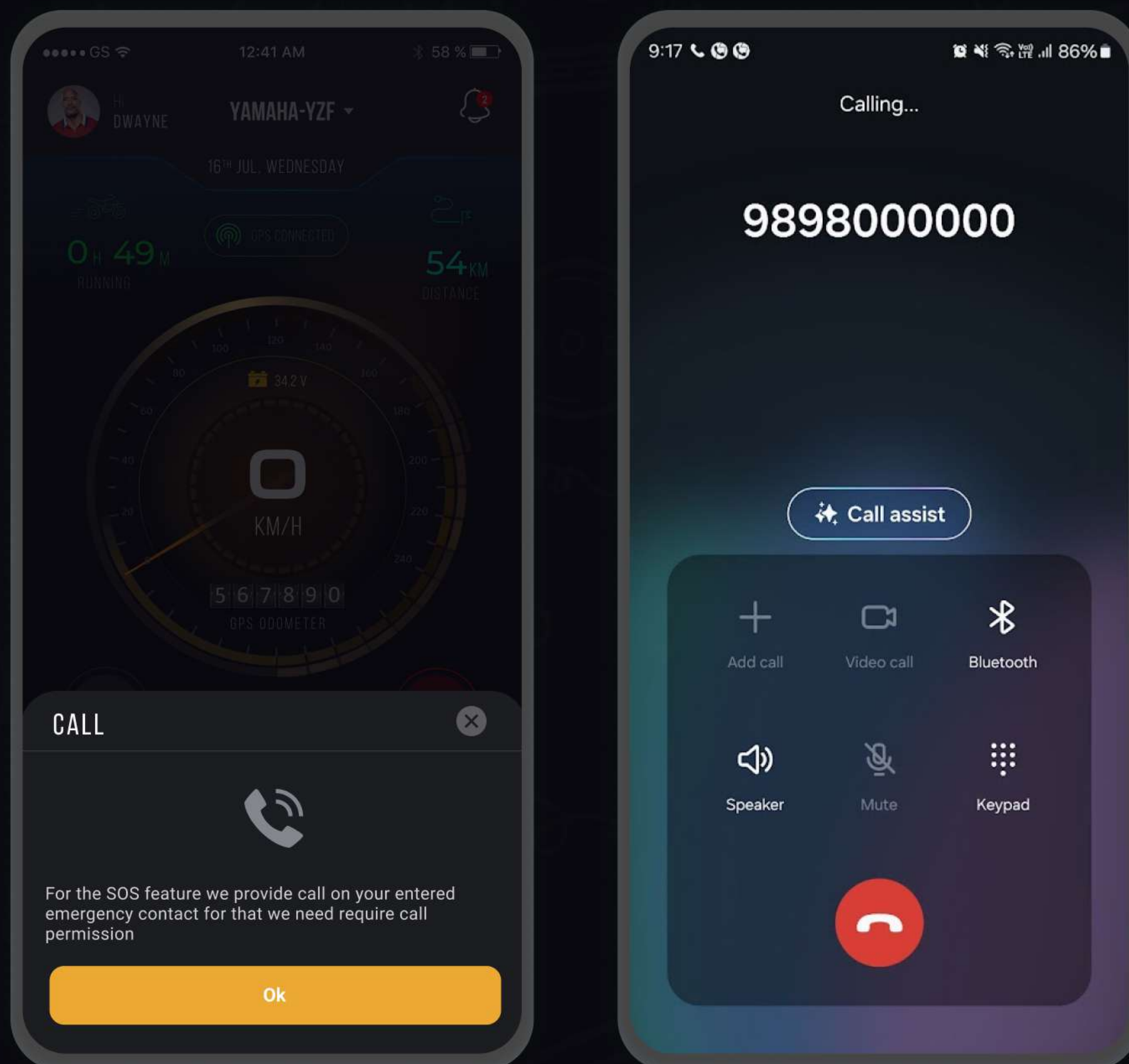
Consider integrating a scheduled activation feature that automates the parking mode process, reducing manual intervention.

BENEFIT

Protects parked vehicles from unauthorized access by instantly notifying owners of unexpected movement.

INSTANT SOS ASSISTANCE

Ensure safety at all times with the SOS feature, designed for quick emergency response. With just a tap, instantly notify pre-set contacts and initiate a direct call for immediate assistance.



KEY INSIGHTS

1

One-tap alert

Send an emergency notification to the saved contacts with a single tap.

2

Direct calling functionality

Instantly call the assigned emergency contact for swift action.

3

Real-time location sharing

Share the exact location with emergency responders for faster assistance.

4

User-defined SOS contacts

Customize and update emergency contacts directly from the app.

BENEFIT

Immediate help when needed, ensuring safety and peace of mind during emergencies.

DRIVER BEHAVIOR MONITORING

Improve driving habits with real-time insights. With driver behavior monitoring, users can track key driving parameters and identify unsafe driving patterns. The system helps enhance road safety, prevent vehicle wear and tear, and ensure a smoother driving experience.

●●●●GS

12:41 AM

58 %

<

ALERT DETAIL

Vehicle *

All

>

Alert Name *

Alert Type *

(Optional)

Harsh Driving

Text

Sharp Left Turn

>

Notification Sound *

No Sound

>

For alerts to work properly, your device needs to be compatible. Please check the compatibility with your device support team.

Save

●●●●GS

12:41 AM

58 %

<

ALERT TYPE

SEARCH

Harsh Acceleration

Harsh Braking

Harsh Cornering

Over Speed

Sharp Left Turn

Sharp Right Turn

Harsh Cornering

Harsh Cornering

Night Driving

Nonstop Driving

KEY INSIGHTS

1

Real-time driving analysis

Monitor acceleration, braking, and cornering habits.

2

Speed & braking monitoring

Track speed variations and engine performance for better control.

3

Alert system for harsh driving

Receive alerts for sudden braking, rapid acceleration, and sharp turns.

BENEFIT

Enhances vehicle safety by identifying and alerting users about unsafe driving behaviors.

EASY INVENTORY MANAGEMENT

Efficiently track, manage, and distribute devices with a structured inventory system. The inventory management feature ensures seamless tracking of devices from procurement to user allocation. It helps resellers and system integrators maintain stock visibility, streamline distribution, and reduce operational inefficiencies.

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Dashboard

Tracking

Reports

Chart

Settings

Inventory

Users

Available Stock

Total

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

All

Selected User

Search device IMEI No or Invoice No

<input type="checkbox"/>	IMEI No	Purchase Date	Invoice No	Device Model	Port Number	Sim Card	History	QR Code
<input type="checkbox"/>	7571020911	01-04-2025 11:45 AM	INVJT7701	Jointech - JT701	5435	7070370454		
<input type="checkbox"/>	3584008278	29-01-2025 10:51 PM	ABD5844	HTTP Poo; Service	5175	8651636582		
<input type="checkbox"/>	2546415412	02-04-2025 11:23 AM	IVTTST	Howen - 2G Camera	5632	6579852123		
<input type="checkbox"/>	7571203366	03-04-2025 12:58 PM	INVTECT	Jointech - JT701	5435	5689123457		
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<input type="checkbox"/>	75810331502	17-03-2025 04:03 PM	748848888	Jointech - JT701	5435	9087687477		
<input type="checkbox"/>	35401811993	01-05-2025 01:04 PM	163	Teltonika - FMB125	5005	9999777777		
<input type="checkbox"/>	894526357894	18-11-2025 02:52 AM	123	Teltonika - FM1100	5006	5755180888		
<input type="checkbox"/>	8945263578	18-11-2025 02:52 AM	123	Teltonika - FM1100	5007	5755188129		
<input type="checkbox"/>	57575757575	06-07-2025 07:08 PM	789	MobiGPS - VT1100A	5217	6589423145		
<input type="checkbox"/>	9879871239	23-03-2025	ODO123456	MobiGPS - VT1100A	5218	98798632344		

KEY INSIGHTS

1

Device tracking at every level

Monitor the flow of devices from admin to reseller, sub-reseller, and end-user.

2

Stock availability & allocation

Keep track of available inventory, assigned devices, and sold units.

3

Hierarchy-based management

Ensure a structured distribution process with clear ownership at each level.

4

Quick activation & transfer

Easily assign, sell, or transfer devices between different resellers and consumers.

5

QR code integration

Simplify device addition and registration with QR-based scanning.

BENEFIT

Optimizes inventory handling, ensuring smooth device distribution and management.

KEY REASONS TO INVEST

WHAT MAKES TRAKZEE MINI THE RIGHT CHOICE?

Reliable, adaptable, and built for long-term success—Trakzee Mini enhances personal vehicle tracking for security and management.

Scalable business model

Supports hierarchical distribution, making it easier for OEMs and dealers to expand their market.

Effortless consumer onboarding

Simplifies the process for consumers to register and manage their vehicles independently.

Streamlined inventory control

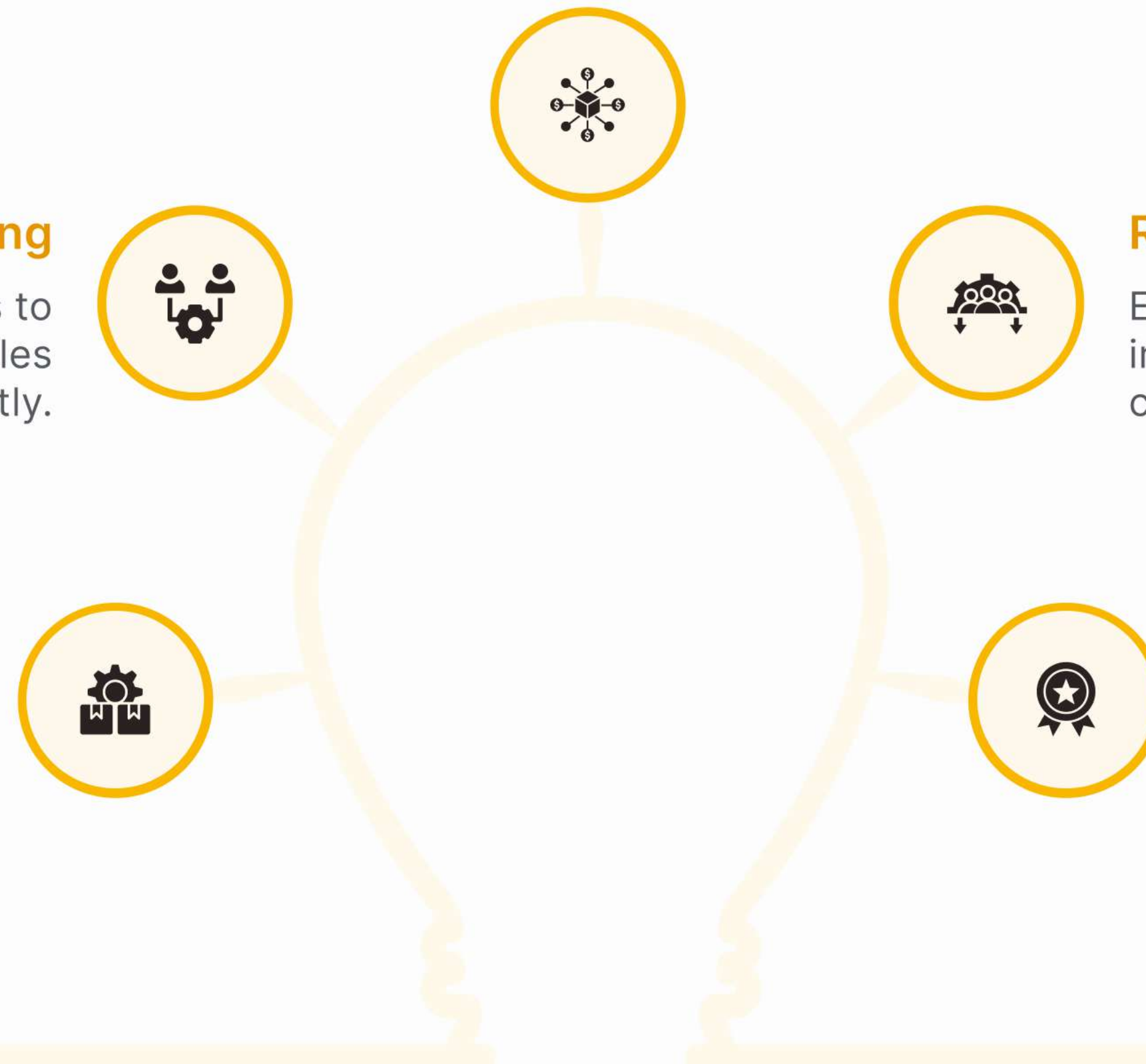
Manage and distribute devices across multiple resellers and end-users with structured tracking.

Reduced operational dependency

Eliminates the need for manual intervention by enabling direct consumer access and control.

Custom branding & white-labeling options

OEMs and dealers can personalize the platform to maintain brand consistency.



MAXIMIZING VALUE FOR OEMS & SYSTEM INTEGRATORS

Boost OEM brand loyalty with Trakzee Mini under their name. For system integrators, expand solutions with minimal investment and unlock new revenue opportunities.

1

For OEMs: Strengthen brand loyalty & offer value-added services

→ **Enhanced brand identity**

Offer Trakzee Mini under your own brand to build customer trust.

→ **After-sales engagement**

Provide fleet monitoring, extended warranties, and predictive maintenance.

→ **Higher retention rates**

Improve customer lifetime value by integrating smart tracking solutions.

2

For System Integrators: Expand product offerings with minimal investment

→ **Quick market entry**

No need for hardware development; leverage a ready-to-use platform.

→ **Seamless integration**

API-driven adaptability to complement existing solutions.

→ **New revenue streams**

Upsell fleet analytics, maintenance tracking, and subscription models.

HOW TO OFFER EFFORTLESS VEHICLE MANAGEMENT TO YOUR END CLIENTS

By offering seamless vehicle management, you can enhance your clients' experience with easy access and control, improved security, and proactive maintenance planning. These benefits help elevate customer satisfaction, ensuring a safer and more optimized driving experience.

Easy access & control

Users can directly manage their vehicles via the mobile app.



Improved vehicle security

Real-time tracking and instant alerts for enhanced protection.



Convenient maintenance planning

Automated reminders reduce the risk of breakdowns.



Enhanced driving experience

Insights on driving patterns help users optimize their vehicle's performance.

USE CASES ACROSS DIFFERENT SCENARIOS





Rental Services



Consumer Vehicle Tracking

A row of cars parked in a lot, with the text 'RENTAL SERVICES' overlaid. The cars are in various colors (blue, red, white) and are parked in a row. The background shows palm trees and a clear sky. The text 'RENTAL SERVICES' is in a bold, sans-serif font, with 'RENTAL' in yellow and 'SERVICES' in white.

RENTAL SERVICES

CHALLENGES

→ Tracking rental vehicles in real-time

Without a centralized system, monitoring vehicle usage and availability becomes inefficient.

→ Unauthorized usage and theft concerns

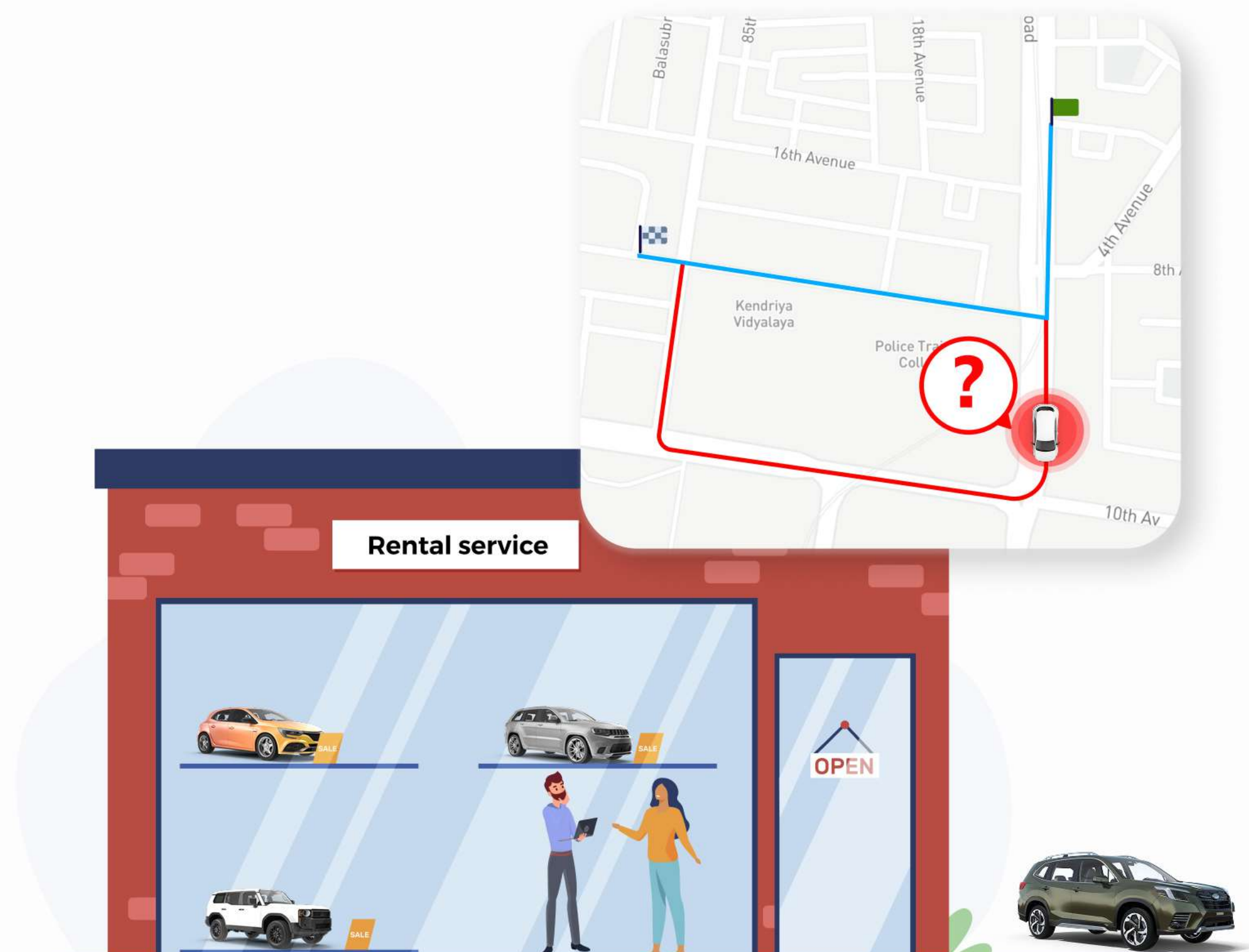
Vehicles being misused or stolen without immediate detection results in financial losses.

→ Maintenance tracking for high-usage vehicles

Frequent wear and tear make it difficult to ensure timely servicing, leading to breakdowns.

→ Customer accountability issues

Identifying responsibility for damages or overuse is challenging without proper tracking.



SOLUTIONS

→ Live tracking for fleet visibility

Monitor vehicle locations in real-time, ensuring better availability and operational control.

→ Geofencing for restricted movement

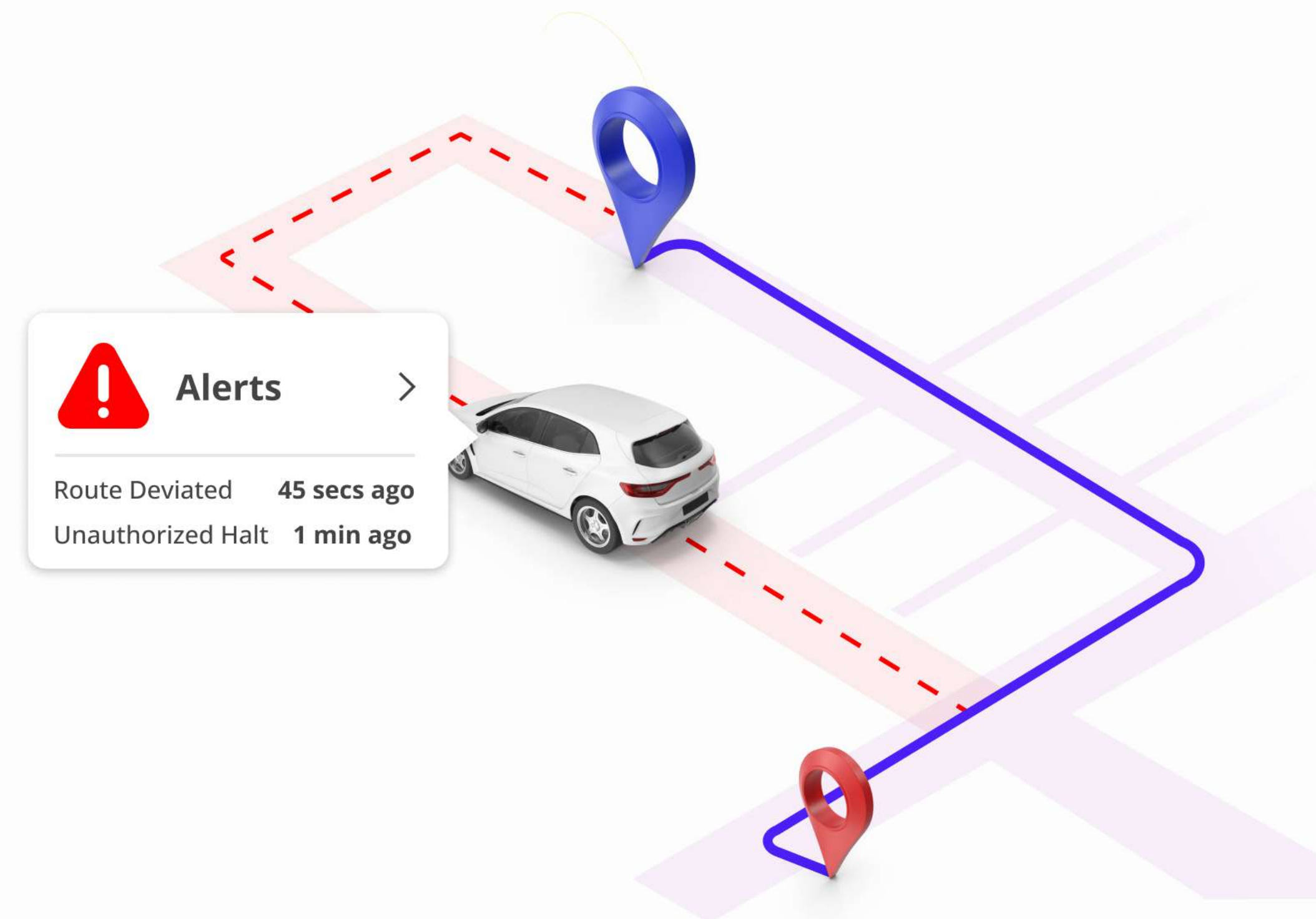
Set virtual boundaries to receive alerts if a vehicle enters or exits a designated area.

→ Automated maintenance alerts

Get reminders based on mileage or duration to schedule timely servicing.

→ Usage reports for accountability

Generate detailed reports on vehicle usage, ensuring customers adhere to rental agreements.



RESULT

A photograph of a white car driving away on a two-lane road. The road is flanked by dense green trees. The sky is blue with some clouds. The image is split vertically, with the left half showing the car and the right half being white text.

1

Improved fleet efficiency

Better tracking allows optimal utilization of vehicles and reduces downtime.

2

Enhanced security against theft

Geofencing and live tracking prevent unauthorized movement and ensure quick recovery.

3

Reduced maintenance costs

Proactive servicing helps prevent major repairs, minimizing operational expenses.

4

Transparent rental operations

Detailed usage reports provide clear insights, reducing disputes and ensuring fair billing.

A yellow sports car, possibly a Porsche Carrera GT, is parked on a cobblestone street. In the foreground, a black motorcycle is parked, partially obscuring the car. The background shows a building with large windows. The text "PERSONAL VEHICLE TRACKING" is overlaid on the left side of the image.

PERSONAL VEHICLE TRACKING

CHALLENGES

→ **Difficulty in locating stolen vehicles**

Without GPS tracking, recovering stolen vehicles is time-consuming and often unsuccessful.

→ **Safety concerns for family members**

Ensuring safe travel, especially for young or elderly drivers, is challenging.

→ **Lack of driving behavior insights**

Identifying reckless driving habits like harsh braking or speeding is difficult.

→ **Manual maintenance tracking**

Forgetting regular servicing leads to vehicle breakdowns and costly repairs.



SOLUTIONS

→ 24/7 live tracking

Monitor the vehicle's location anytime, ensuring quick retrieval in case of theft.

→ SOS feature for emergency response

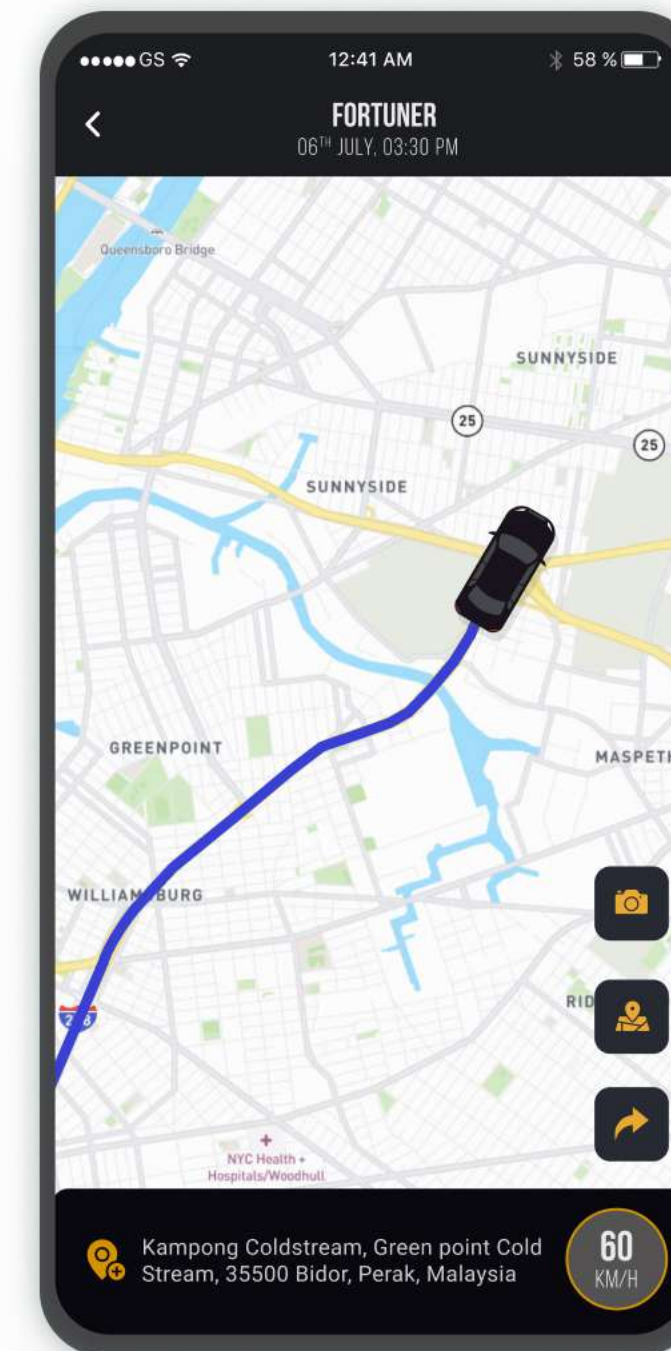
Send instant alerts to emergency contacts during critical situations.

→ Driving behavior monitoring

Get insights into speeding, sudden braking, and idling to promote safer driving.

→ Automated maintenance reminders

Receive timely alerts for servicing, keeping the vehicle in top condition.



RESULT



1

Greater peace of mind

Continuous monitoring enhances vehicle security and driver safety.

2

Faster emergency response

SOS alerts ensure immediate assistance during accidents or breakdowns.

3

Safer driving habits

Behavior reports encourage responsible driving, reducing risks on the road.

4

Prolonged vehicle lifespan

Regular maintenance reminders prevent costly repairs and enhance durability.

KEY TAKEAWAYS FROM TRAKZEE MINI

Here's what you've learned about Trakzee Mini and how it simplifies vehicle management:

- ✔ Designed for end users, offering a seamless way to track and manage vehicles via a mobile app.
- ✔ Eliminates dependency on resellers or system integrators by enabling direct consumer sign-ups.
- ✔ Ensures secure vehicle monitoring with geofencing and emergency SOS features.
- ✔ Supports a structured inventory system for smooth device allocation across resellers and consumers.
- ✔ Eliminates manual tracking of service schedules, reducing downtime & repair costs.
- ✔ Enhances user experience with an easy onboarding process, including QR-based vehicle addition.
- ✔ Streamlines vehicle tracking for personal users, rental businesses, and fleet owners.
- ✔ Enables system integrators and OEMs to offer value-added services with minimal investment.

Notes

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