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Driver Behavior Solutions

Easier telematics for
seamless operations





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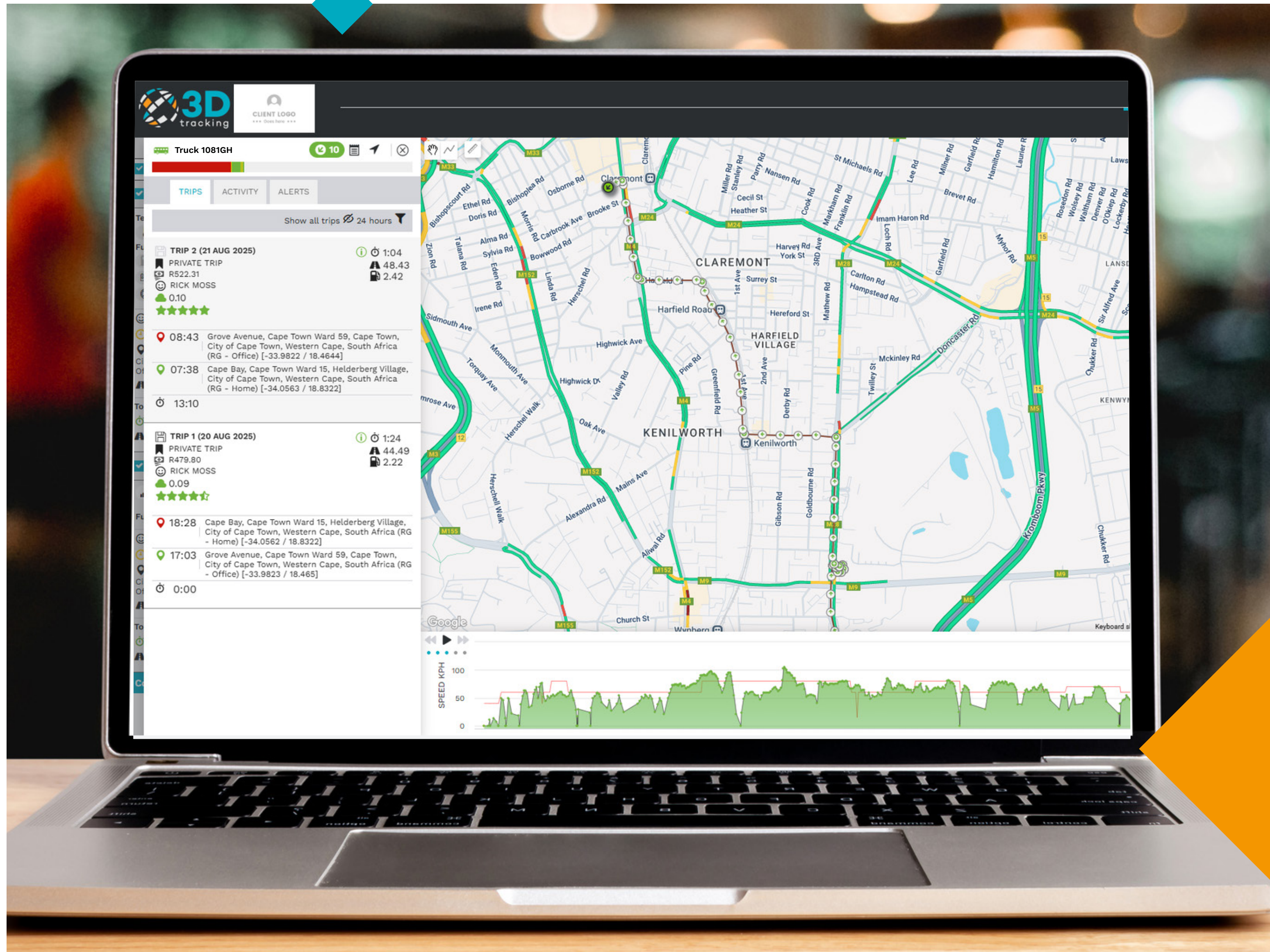


Reliable. Scalable. Easier.

We make telematics easier—for you and your clients. With white-label flexibility, smooth onboarding, and expert support that evolves alongside your business, **3Dtracking** gives you the tools—and the partnership—you need to deliver a world-class tracking experience.



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- ◆ **Track movements** live with accuracy
- ◆ **Enhance safety & compliance** with customizable geofencing alerts
- ◆ **Monitor routes, stops, and speed** from a centralized location
- ◆ **Improve operational planning** with historical trip data

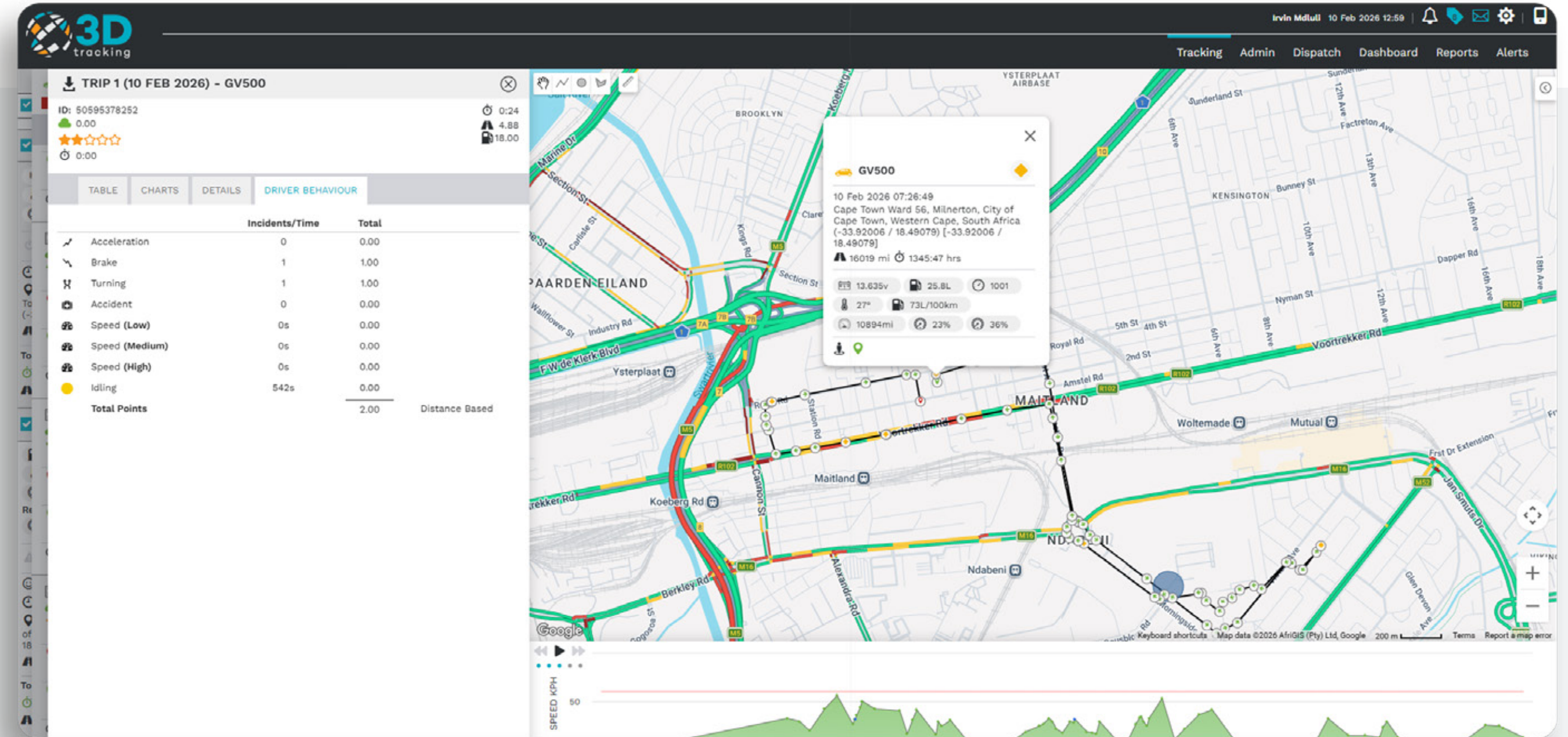


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Monitoring and Improving Driver Behavior

Managing driver behavior is critical for safety, compliance, and operational efficiency. Strict transport regulations prohibit unauthorized stops, route deviations, and non-compliant driving practices. With 3Dtracking's POI and Geofence Visit tools, fleet operators gain full visibility into driver activity — including precise arrival times, departure times, and stop durations.

Predefined routes can be configured to ensure drivers follow approved paths. If a vehicle deviates from its assigned route or makes an unscheduled stop, the system immediately triggers an alert. This enables quick intervention, reduces risk exposure, and reinforces driver accountability.



- ◆ **Real-time** visibility
- ◆ **Smarter** decisions
- ◆ **Safer** operations



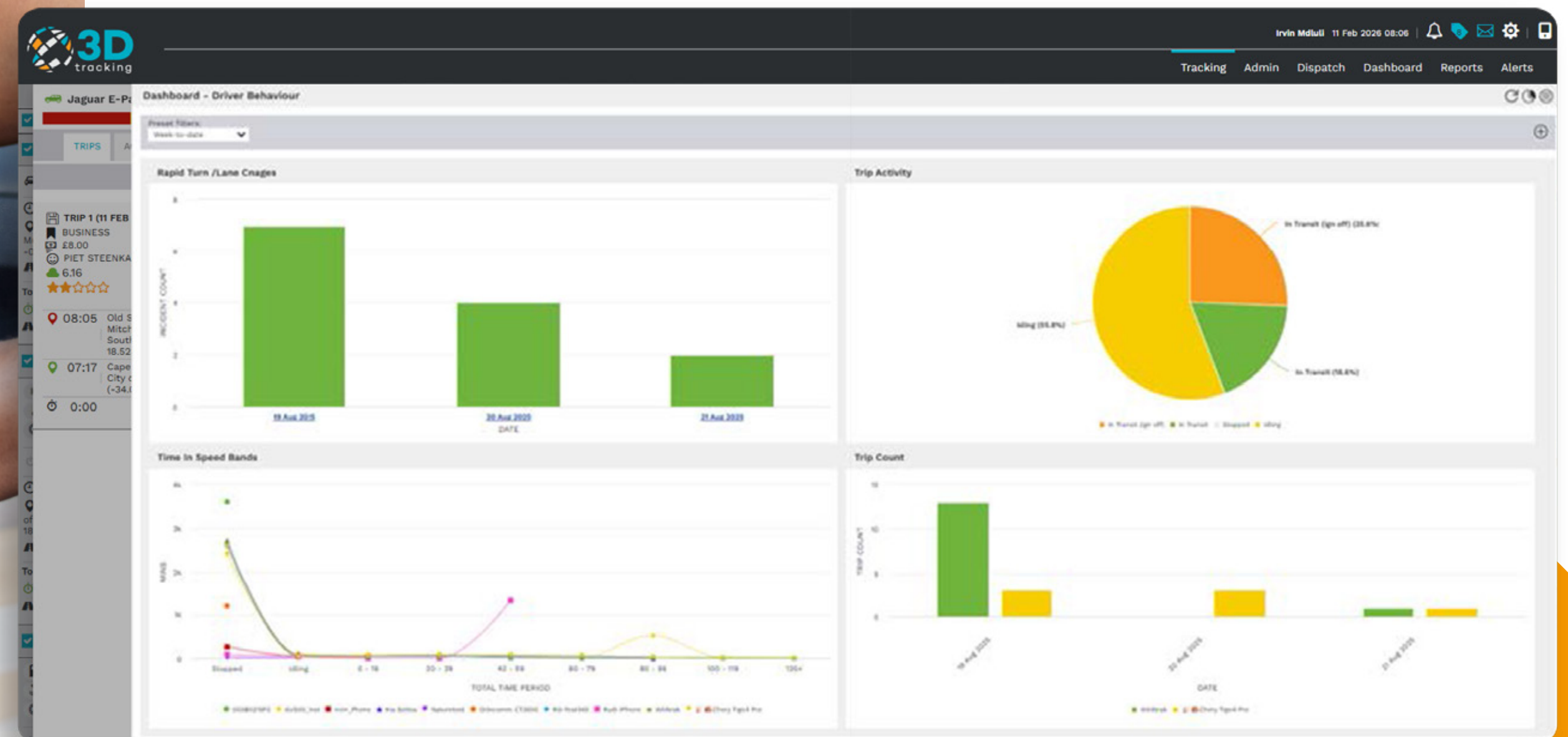
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Driver Management

With 3Dtracking, managers can monitor driver behavior in real time, identifying risky practices such as harsh braking, speeding, or unauthorized stops.

- ◆ **Behavior Monitoring** – Track speeding, harsh braking, idling, and other risky behaviors in real time.
- ◆ **Performance Reports** – Access detailed driver scorecards and trip history to evaluate efficiency and compliance.
- ◆ **Instant Alerts** – Receive notifications for unsafe actions or unauthorized activities on the road.
- ◆ **Individualized KPI Scoring** – Measure each driver's performance against set benchmarks, encouraging accountability and continuous improvement.

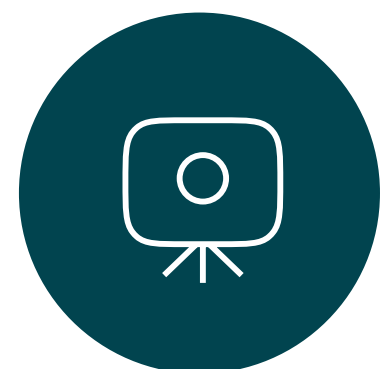




Optimising Fleet Safety with ADAS Integration

Optimizing fleet performance goes beyond location tracking. With ADAS (Advanced Driver Assistance Systems) integration, 3Dtracking enhances fleet visibility by capturing intelligent safety data directly from vehicle-mounted cameras and sensors.

- ◆ **Forward Collision Warning (FCW)**
 - Detects potential frontal collisions and alerts the driver to reduce the risk of rear-end accidents.
- ◆ **Lane Departure Warning (LDW)**
 - Monitors lane markings and warns the driver if the vehicle unintentionally drifts out of its lane.
- ◆ **Driver Fatigue Monitoring (DFM)**
 - Uses in-cab sensors to detect signs of drowsiness or distraction and prompts the driver to stay alert.



Driver Distraction Monitoring



Driver Fatigue Monitoring uses in-cab cameras and intelligent algorithms to detect early signs of drowsiness and distraction, such as prolonged eye closure, frequent yawning, head nodding, or looking away from the road for extended periods.

Simultaneously, the event is transmitted to the **3Dtracking platform**, where it is presented as a real-time alert. Operators can view these events directly on the live map, with clear visual indicators showing the exact vehicle location and time of occurrence.

Instant notifications can also be configured to be pushed to the platform, enabling fleet managers to respond immediately.

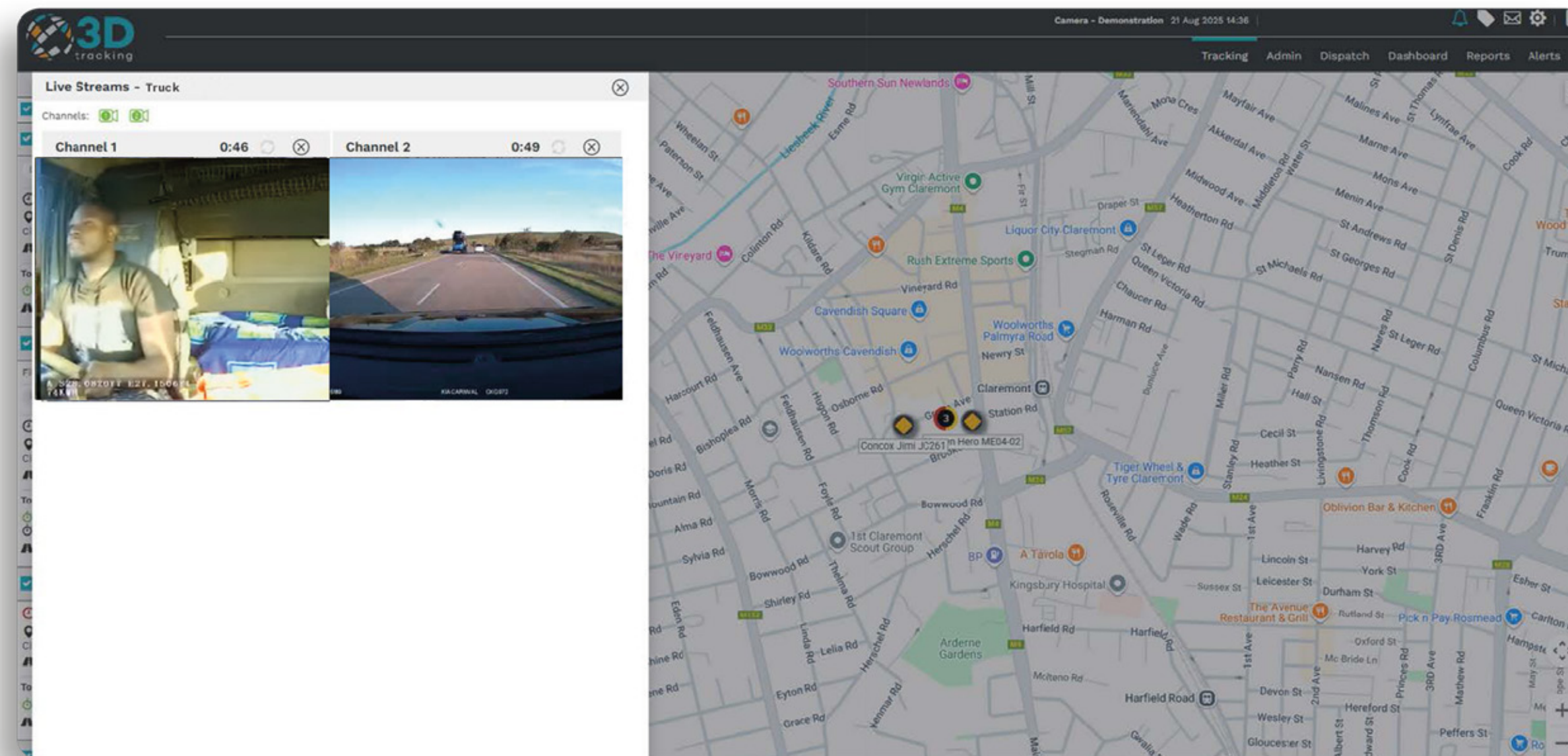
This real-time visibility allows for proactive intervention, supports targeted driver coaching, and significantly reduces the risk of fatigue-related incidents across the fleet.





Driver Fatigue Monitoring

Driver Fatigue Monitoring (DFM) is an advanced safety feature designed to detect early signs of driver drowsiness and distraction before they lead to serious incidents.



- ◆ **Fatigue Detection:** Identifies prolonged eye closure, frequent yawning, head nodding, and other signs of drowsiness.
- ◆ **Instant In-Vehicle Alerts:** Triggers audible warnings to immediately refocus the driver.
- ◆ **Real-Time Platform Notifications:** Sends live alerts to the 3Dtracking platform for operator visibility.
- ◆ **Map-Based Event Display:** Displays fatigue events directly on the live map, showing the exact location and time of occurrence.
- ◆ **Configurable Escalation:** Allows operators to set up instant alerts for immediate intervention and driver coaching. Using action lists



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Dashboards

- ◆ Real-time truck fleet overviews
- ◆ Operational KPIs at a glance
- ◆ Interactive graphs, and status indicators



Reports

- ◆ Daily, weekly, and monthly performance
- ◆ Fuel usage, route history & compliance reports
- ◆ Exportable in PDF, Excel and scheduled delivery



Alerts

- ◆ Instant notifications for geofence breaches
- ◆ SMS, email, webhooks or in-platform alerts

Fuel Consumption By Trip Report From 01 Feb 2026 00:00 To 10 Feb 2026 23:59 (GMT +02:00) Harare, Pretoria

Drag a column header and drop it here to group by that column

100 Items per page 1 - 80 of 80 items

Date	Vehicle	Start location	Distance (mi)	Litres Used	Duration (h:mm:ss)	Start Fuel Level (L)	End Fuel Level (L)
01 Feb 2026	Jaguar E-Pace	Cape Town Ward 84, Somerset West, City of Cape Town, Western Cape, South Africa (-34.0859 / 18.8539) [-34.0859 / 18.8539]	2.95	0.00	00:07:02	48.80	48.80
01 Feb 2026	Jaguar E-Pace	Cape Town Ward 84, Somerset West, City of Cape Town, Western Cape, South Africa (-34.0859 / 18.8539) [-34.0859 / 18.8539]	2.95	0.03	00:07:02	48.80	48.77
01 Feb 2026	Jaguar E-Pace	Cape Town Ward 84, Somerset West, City of Cape Town, Western Cape, South Africa (-34.0872 / 18.854) [-34.0872 / 18.854]	5.77	1.01	00:11:59	51.85	50.84
01 Feb 2026	Jaguar E-Pace	Cape Town Ward 84, Somerset West, City of Cape Town, Western Cape, South Africa (-34.0872 / 18.854) [-34.0872 / 18.854]	5.77	1.22	00:11:59	51.85	50.63
01 Feb 2026	Jaguar E-Pace	Stellenbosch Ward 20, Stellenbosch Local Municipality, Cape Winelands District Municipality, Western Cape, South Africa (-34.0222 / 18.8198) [-34.0222 / 18.8198]	5.75	0.49	00:10:58	50.49	50.00
01 Feb 2026	Jaguar E-Pace	Stellenbosch Ward 20, Stellenbosch Local Municipality, Cape Winelands District Municipality, Western Cape, South Africa (-34.0222 / 18.8198) [-34.0222 / 18.8198]	5.75	0.61	00:10:58	50.63	50.02
01 Feb 2026	Jaguar E-Pace	Cape Bay, Cape Town Ward 15, Helderberg Village, City of Cape Town, Western Cape, South Africa (-34.0562 / 18.8324) [-34.0562 / 18.8324]	6.00	1.26	00:19:49	50.02	48.76
01 Feb 2026	Jaguar E-Pace	Cape Bay, Cape Town Ward 15, Helderberg Village, City of Cape Town, Western Cape, South Africa (-34.0562 / 18.8324) [-34.0562 / 18.8324]	6.00	1.83	00:19:49	50.63	48.80
01 Feb 2026	Jaguar E-Pace	Cape Bay, Cape Town Ward 15, Helderberg Village, City of Cape Town, Western Cape, South Africa (-34.0564 / 18.8323) [-34.0564 / 18.8323]	2.98	0.00	00:09:06	51.85	51.85
01 Feb 2026	Jaguar E-Pace	Cape Bay, Cape Town Ward 15, Helderberg Village, City of Cape Town, Western Cape, South Africa (-34.0564 / 18.8323) [-34.0564 / 18.8323]	2.98	0.39	00:09:06	51.85	51.46
02 Feb 2026	Jaguar E-Pace	Cape Bay, Cape Town Ward 15, Helderberg Village, City of Cape Town, Western Cape, South Africa (-34.0562 / 18.8323) [-34.0562 / 18.8323]	25.54	2.44	01:20:59	48.80	46.36
02 Feb 2026	Jaguar E-Pace	Cape Bay, Cape Town Ward 15, Helderberg Village, City of Cape Town, Western Cape, South Africa (-34.0562 / 18.8323) [-34.0562 / 18.8323]	25.54	3.66	01:20:59	48.80	45.14
02 Feb 2026	Jaguar E-Pace	Grove Avenue, Cape Town Ward 59, Cape Town, City of Cape Town, Western Cape, South Africa (-33.9822 / 18.4644) [-33.9822 / 18.4644]	0.00	0.00	00:19:46	44.53	44.53
02 Feb 2026	Jaguar E-Pace	Grove Avenue, Cape Town Ward 59, Cape Town, City of Cape Town, Western Cape, South Africa (-33.9822 / 18.4644) [-33.9822 / 18.4644]	0.00	1.10	00:19:46	45.02	43.92
02 Feb 2026	Jaguar E-Pace	Grove Avenue, Cape Town Ward 59, Cape Town, City of Cape Town, Western Cape, South Africa (-33.9822 / 18.4644) [-33.9822 / 18.4644]	25.81	0.00	00:43:37	43.92	43.92

3D tracking

Irvin Mdluli 10 Feb 2026 21:16

Alerts

Filter: Preset filters: Priority: Status: Last 60 Days -- Please select -- -- Please select --

Vehicles: -- Please select -- Refresh

Name	Type	Unit Name	Status	Last Updated	Date Created
Low Fuel Level	Fuel Level	Wildtrak		11 Jan 2026 13:20:41	11 Jan 2026 13:20:41
Low Fuel Level	Fuel Level	Wildtrak		11 Jan 2026 13:03:45	11 Jan 2026 13:03:45
Low Fuel Level	Fuel Level	Wildtrak		02 Jan 2026 13:24:43	02 Jan 2026 13:24:43
Low Fuel Level	Fuel Level	Wildtrak		02 Jan 2026 13:06:47	02 Jan 2026 13:06:47
Low Fuel Level	Fuel Level	Wildtrak		31 Dec 2025 08:37:44	31 Dec 2025 08:37:44
Low Fuel Level	Fuel Level	Wildtrak		31 Dec 2025 06:41:48	31 Dec 2025 06:41:48
Low Fuel Level	Fuel Level	Wildtrak		20 Dec 2025 11:52:41	20 Dec 2025 11:52:41
Low Fuel Level	Fuel Level	Wildtrak		20 Dec 2025 10:23:39	20 Dec 2025 10:23:39

Row Count: 8



Use Case: Improving Driver Accountability in the Logistics Industry

Problem

Logistics operators often face challenges with driver behaviour route deviations, excessive idling, harsh driving, unauthorized stops, and improper vehicle handling. These behaviours increase fuel costs, accelerate vehicle wear and tear, compromise delivery schedules, and create unnecessary safety risks.

Solution

By leveraging driver behaviour monitoring tools within the 3Dtracking platform, logistics operators gain real-time insights into how vehicles are being driven and managed on the road.

- ◆ **Harsh Driving Alerts and Reports** – Monitor harsh acceleration, braking, and cornering to reduce accident risk and vehicle maintenance costs.
- ◆ **Route Deviation Alerts and Reports** – Receive instant notifications when drivers stray from approved routes or make unauthorized stops.
- ◆ **Speed Monitoring** – Track speeding incidents to improve road safety and ensure compliance with transport regulations.



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Ready to optimize your operations?

Book a live demo or talk to a
product consultant today.

For more information contact us:

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www.3Dtracking.com

