

Globaltrack

Your Fleet Technology Partner

**Supporting Safer & More Secure Transportation of Dangerous Goods
& High-Value Cargo**

Speaker: Ms Katerina Kostina, Globaltrack
Railway & Dangerous Goods Meeting • June 2026



Welcome to Globaltrack

Agenda

- Company Overview & Certifications
- The Connected Vehicle
- Safety & Security Module
- Safety & Security Layers
- Operational Use Case
- Deployment Approach

Sky-Way B.V.

- Sky-Way B.V., Headquartered in the Netherlands, with 170 Employees Across Three Continents
- Specialized Expertise in Hardware, Software, and Logistics
- In-House Design and Manufacturing Capabilities
- Over 25 Years of Industry Experience

Globaltrack

Fuel Management and
vehicle tracking

VYND

GPScontainer seal
tracking

You_Source

Outsourced software
development

We Understand Transport



Founded in 2001 and celebrating our 25th Anniversary, Globaltrack is an award-winning innovator of technology solutions that places valuable **business intelligence** in the vehicle owner or fleet manager's hands.

Operating from our head office in Johannesburg, South Africa, we are at the forefront of developing technology and **Artificial Intelligence** for the transport and logistics industries of **Africa, the United Arab Emirates and Europe.**



Trusted Supplier of Safety Solutions

For Globaltrack, being **certified to internationally recognised standards** is more than just a credential — it's a promise of reliability, security, and quality.



Certified to **ISO 9001:2015**
(QMS)

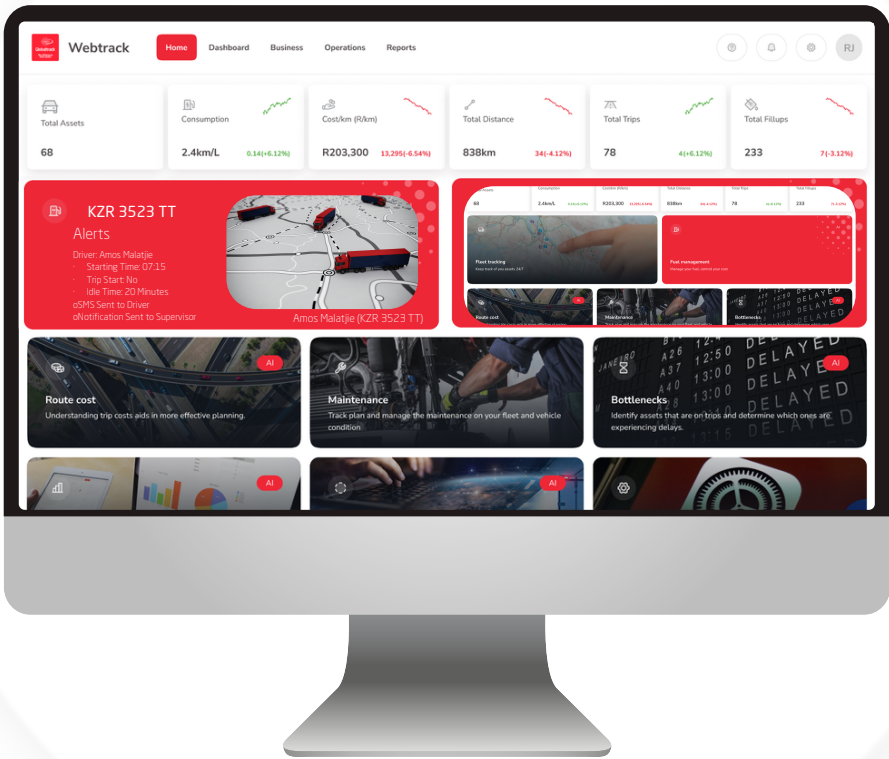


Certified to **ISO/IEC 27001:2022**
(ISMS)

Proud members of:



Our Solution



In-house Developed Software



In-house Built Hardware



Dedicated Customer Success Team

Our Solution



24/7 Control Room



AI-Driven Fleet Management



Level 1 Introduction to Webtrack

In this class you will receive an Overview of Webtrack, its functionality and capabilities. You will also learn how to setup users and notifications.

- 1. Logging in and Navigation on Webtrack (Landing Page)
- 2. Basic track and trace
- 3. Tracking Reports
- 4. Geofencing and waypoint creations
- 5. Account and Notification Set up (Drivers, Users and Accounts)

[Register For Level 1 →](#)



Level 2 Reports, Fuel & Driver Management

In Level 2 we deepdive into reports, Fuel Management and Driver Behaviour.

- 1. Reports available for reporting
- 2. Fuel Reconciliation
- 3. Monitoring of Fuel increases and Decreases
- 4. Validating Decreases (Events Report)
- 5. Fuel Consumption Driver Behaviour, violations and score cards

[Register For Level 2 →](#)

Unlimited Customer Training

Enduring Partnerships

We pride ourselves on being the preferred supplier and innovator of technological solutions that respond to the unique needs of our clients, who often service remote areas with logistical, transport, mining, and other services.



The Connected Vehicle



Fleet Asset Tracking



Fuel Management



Remote Driver Monitoring



Security



Route Optimisation



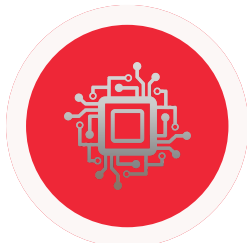
Resources



Insights



Custom Development



Safety & Security Module



Sensors



Cameras



24/7 Control Room



Alerts



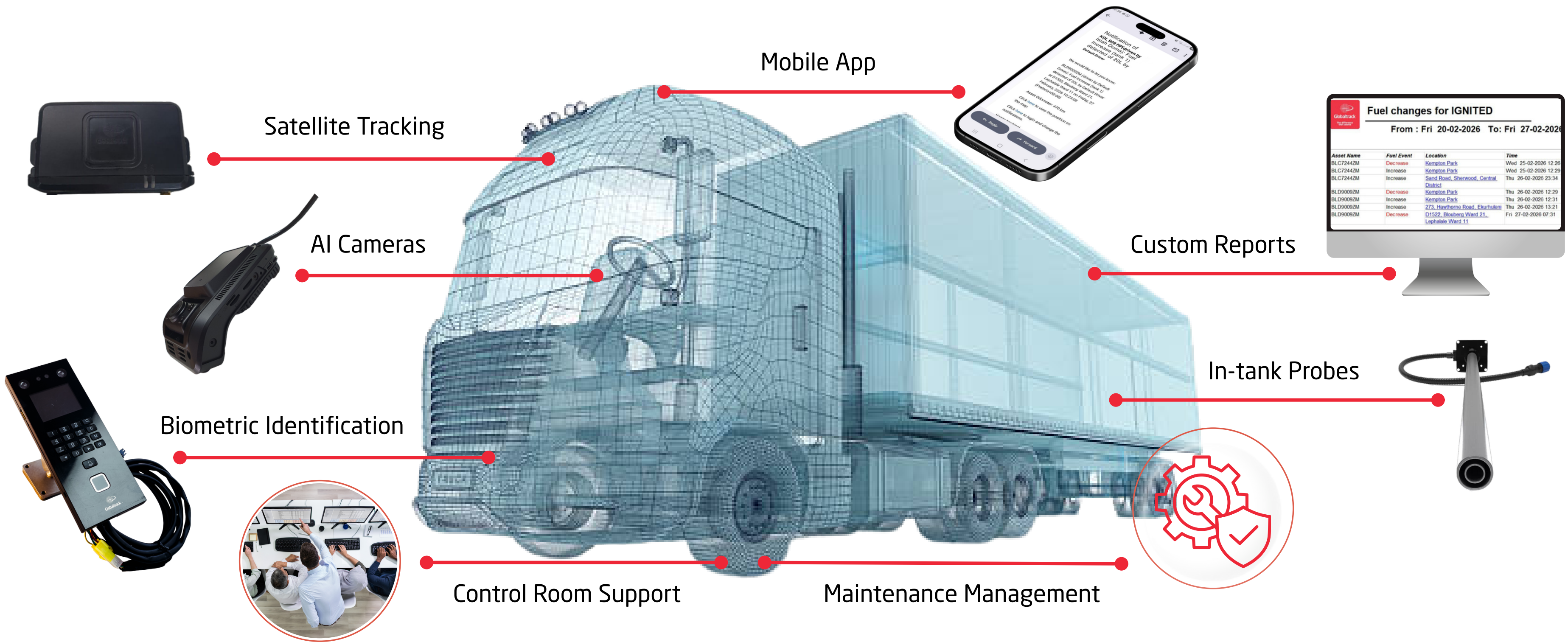
Routes



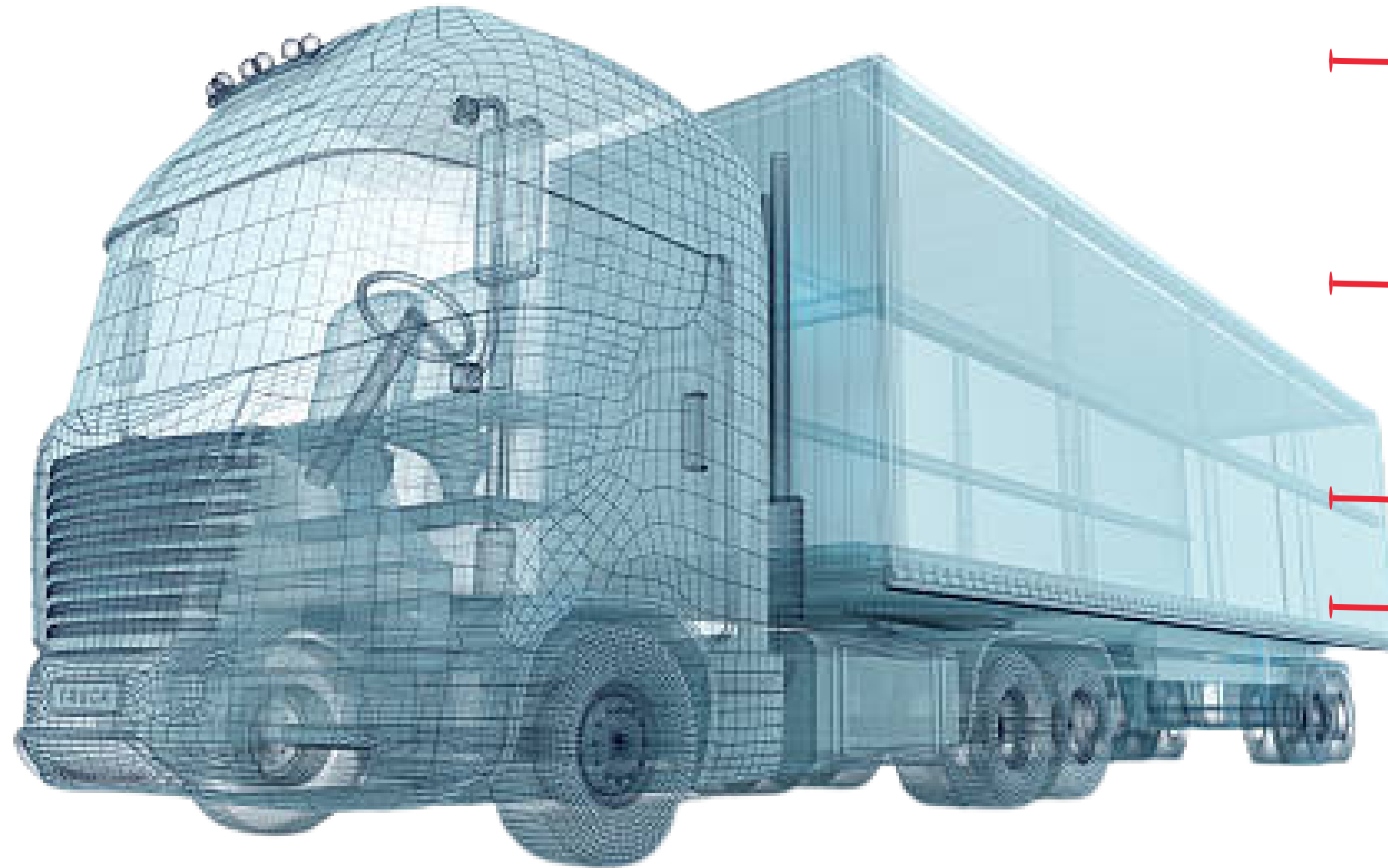
Reports



Advanced Fleet Management



Safety & Security Layers



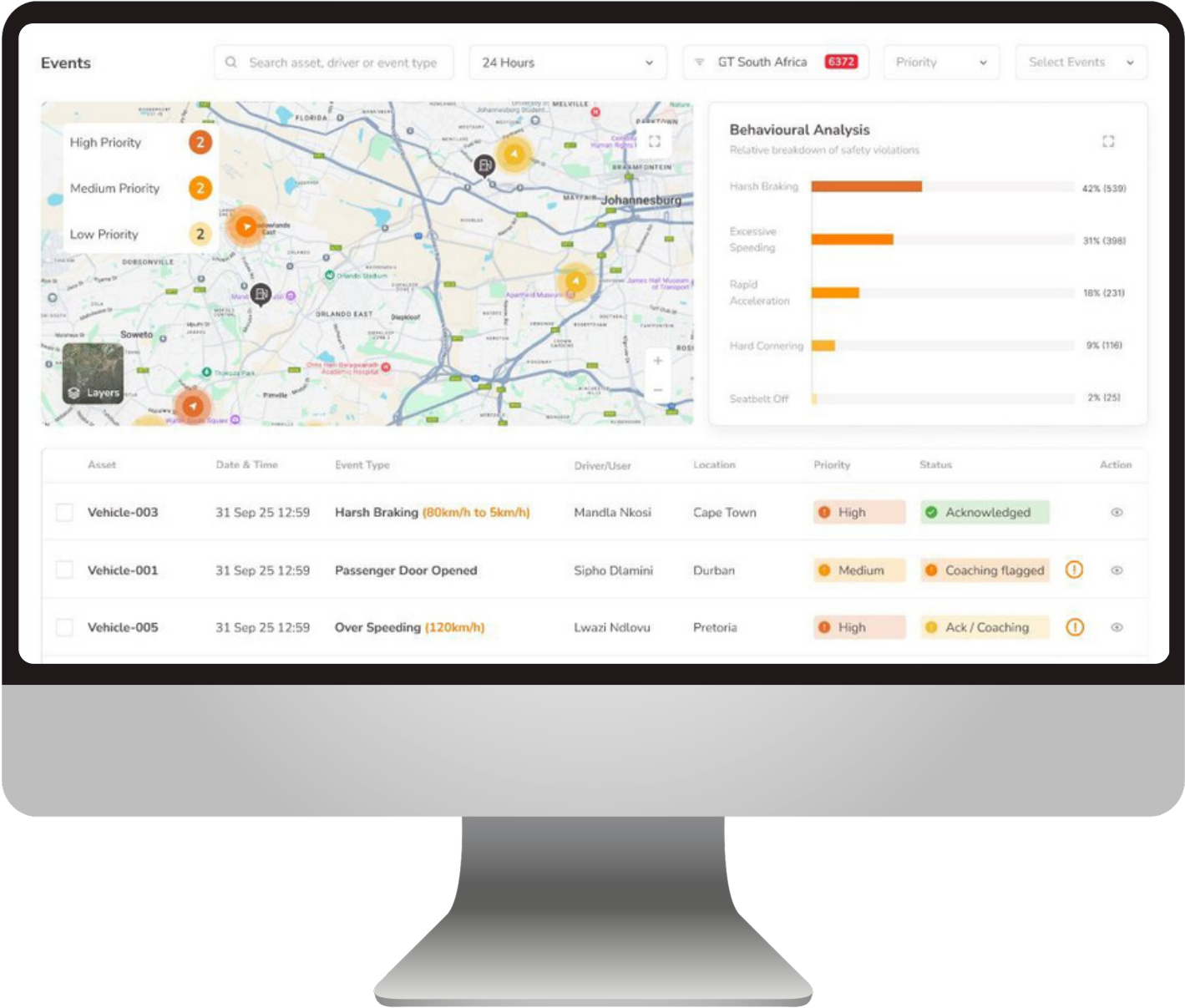
└─ Evidence & Context → Camera +
GPS + Geofence + Route + Convoy

└─ Cargo Movement/Theft → BLE beacons +
Load/Strain + VYND seals

└─ Door Access → Magnetic/Hall + Ambient Light

└─ Human Entry → PIR/Heat + Active IR Beam

Safety & Security Layers



Live Sensors

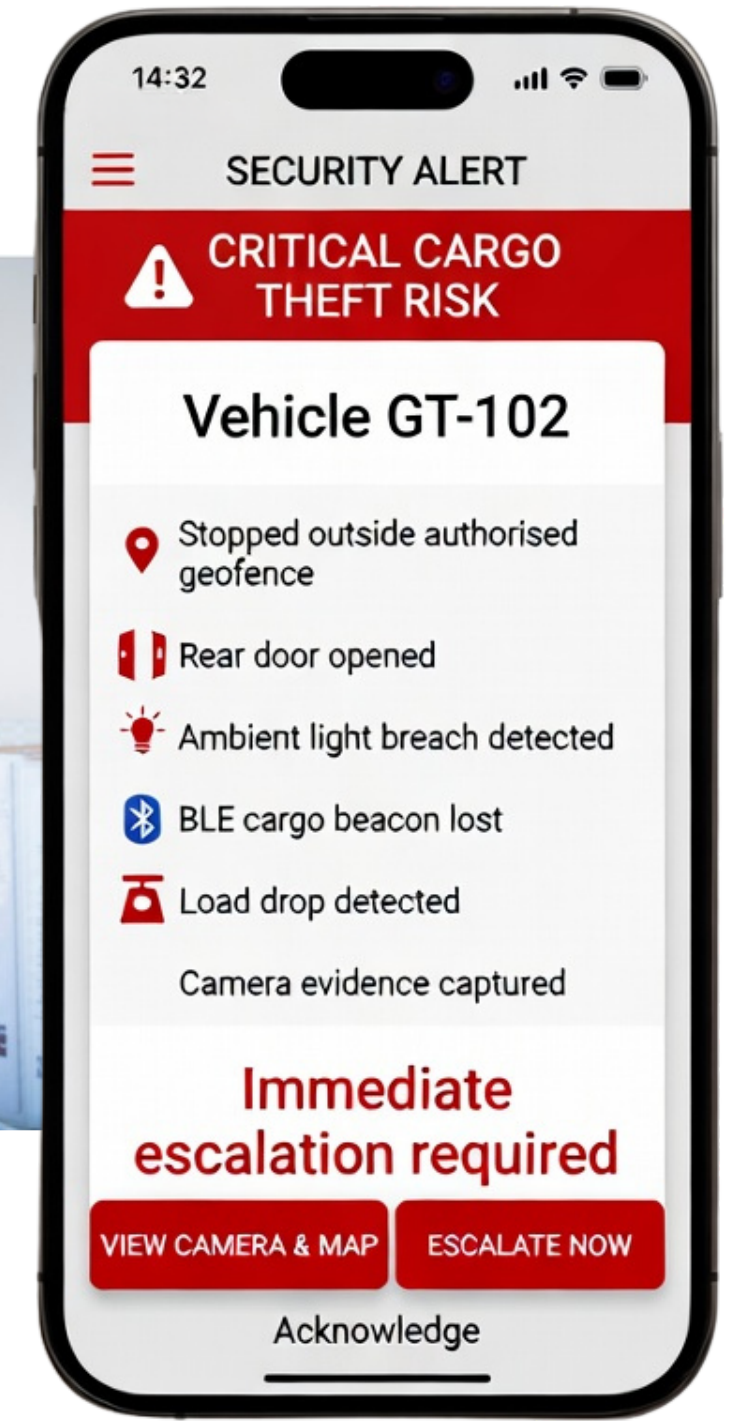
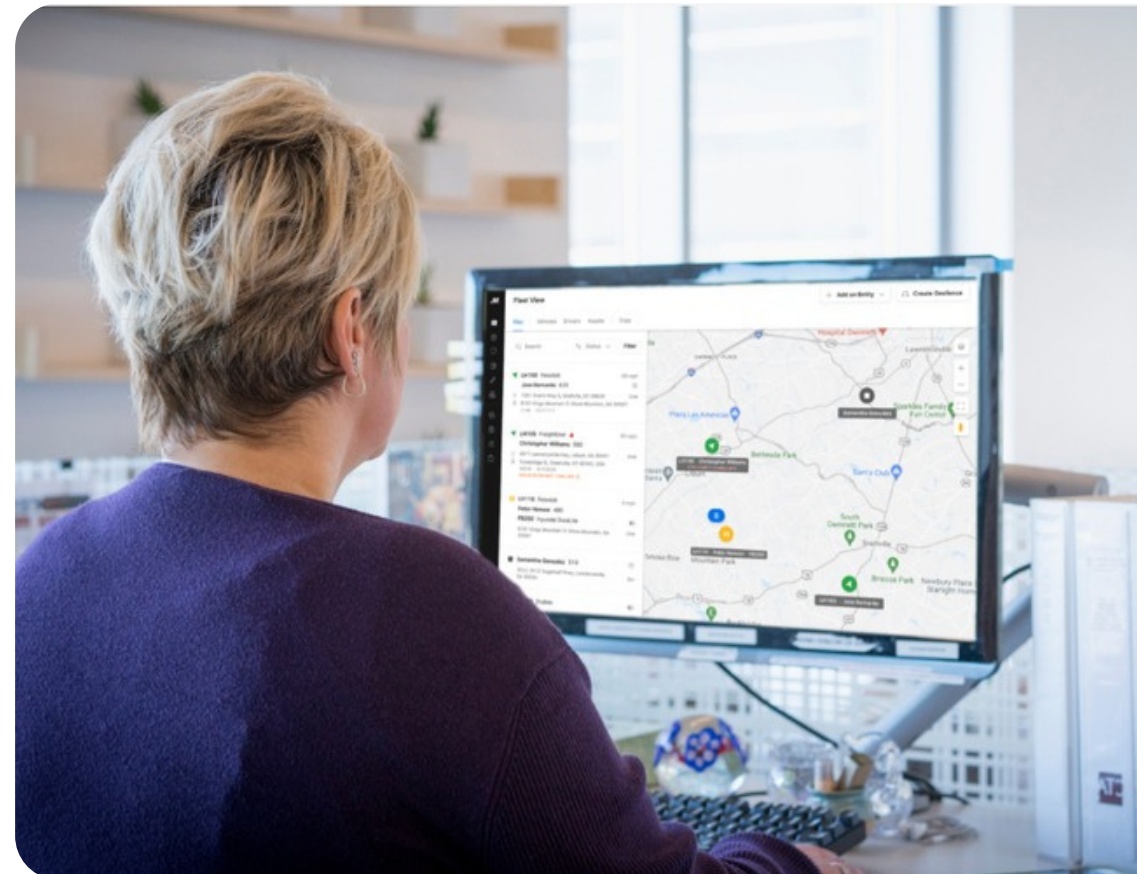
Dynamic Sensor Layer

- Door Sensors
- PIR/heat sensor
- IR Beams
- BLE Beacon Scanner
- Load Strain Sensor
- Tampering Sensor(s)
- Standard Camera
- GPS/ Ignition/ Movement Sensors

Safety & Security Layers



- Real-time unauthorized rear door opening detection
- Cargo movement & light intrusion detection
- Panic alerts + immediate control-room response
- Route deviation + suspicious stop detection
- Automated convoy monitoring (rail-road handovers)
- Full operational incident management with camera evidence



Operational Use Case



- **The scenario**

A rail-to-road convoy carrying hazardous chemicals leaves Rotterdam port → rest stop in Germany.
Driver is authorised, but a second person attempts to open the rear doors while the vehicle is stationary outside the approved corridor.



- **What happens in 30 seconds**

1. Magnetic + light sensors trigger
2. PIR + IR beam confirm human entry
3. BLE cargo beacons report separation risk
4. Route deviation + suspicious stop rules activate
5. Control room sees live camera clip + exact location
6. Convoy vehicles are auto-notified • Police/security dispatched • Full audit report generated

Result: Incident prevented • Zero loss • ADR compliance fully documented • Insurance claim avoided

Complete Incident Audit Trail | Immediate Incident Response | Auto-notification to convoy

Deployment Approach





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Thank You