

For Immediate Release

SensorMoto Unveils First-of-their-Kind Sensors for Monitoring Tractor, Trailer and Container Health to Drive Fleet Uptime and Safety

San Diego, CA — March 3, 2026 — SensorMoto, an intelligent sensors company, today announced the launch of its new family of first-of-their-kind sensors designed to protect tractors, trailers and containers across the transportation ecosystem.

From the same team that built STE Global and brought to the US market its highly successful ultra-long-life tire pressure monitoring sensors (over 1M TPMS sensors sold and counting), now comes three new sensors that deliver unparalleled ROI through ultra-long battery life, real-time health, wear and damage monitoring. The new releases set a new standard for data-driven maintenance.

All sensors are designed to integrate seamlessly into existing maintenance workflows through SensorMoto partnership with sister company FleetHD, providing a single pane of glass for sensor data and maintenance actions.

The new SensorMoto sensor family includes:

TrailerShield – Trailer Damage Detection System

- Patented sensor technology with electronic sensors installed on key trailer and container surfaces.
- Real-time detection with precise on-vehicle location identification, instantly alerting fleets to damage.
- Seamless integration with telematics and camera systems for video-triggered incident logs.
- Immediate notifications empower rapid inspections and claims—cutting months off traditional resolution times and saving fleets millions in out-of-pocket repairs.

WheelShield – Wheel-Off Sensor

- Patented sensor design confirms lug nut installation and verifies proper wheel assembly operation.
- Provides precise, at-a-glance confirmation of wheel integrity and mounting status, helping prevent incidents stemming from loose or misassembled wheels.
- Offers precise, real-time alerts to prevent costly and dangerous wheel-off incidents.

BrakeShield – Real-Time Brake Health Temperature & Wear Monitoring

- Monitors brake pad wear and temperature, alerting fleets to issues before they escalate.
- Supports predictive maintenance for both disc and drum brakes—no changes needed to base systems.
- Maximizes brake life, protects against rotor damage, and ensures compliance with safety standards.

How Data Becomes Actionable (FleetHD Integration)

One of the biggest challenges in sensor programs is data silos. Through FleetHD, SensorMoto sensors, as well as third-party sensors, can be viewed in a single pane of glass. Sensor data is seamlessly integrated into the fleet's broader maintenance workflow, enabling:

- Centralized monitoring and alerting
- Automated maintenance work orders
- Streamlined policy enforcement and compliance
- A unified view of asset health across trailers, containers, and other assets

Technology that Drives ROI

- **TrailerShield:** Save millions annually by attributing damage events, accelerating claims, and reducing unreported or uninsured losses.
- **WheelShield:** Extend service intervals, minimize manual checks, and prevent catastrophic failures.
- **BrakeShield:** Reduce downtime, maximize pad/rotor life, and enhance road safety.

About SensorMoto

SensorMoto delivers innovative, ultra-low-power sensor solutions for tractors, trailers, containers, and fleet assets. With a focus on breakthrough battery life, real-time analytics, and effortless data integration, SensorMoto empowers transportation leaders to drive higher safety, efficiency, and profitability.

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How It Works (Simple, Non-Tech Speak)

- The sensors continuously monitor critical health indicators (trailer damage, wheel mounting integrity, brake wear and temperature).
- When a threshold is reached or an abnormal condition is detected, alerts are generated and conveyed to the fleet's maintenance platform in real time.
- Data is available for proactive maintenance planning, reducing unexpected downtime, extending asset life, and improving safety.