

Vehicle Tracking & Telematics



skylo

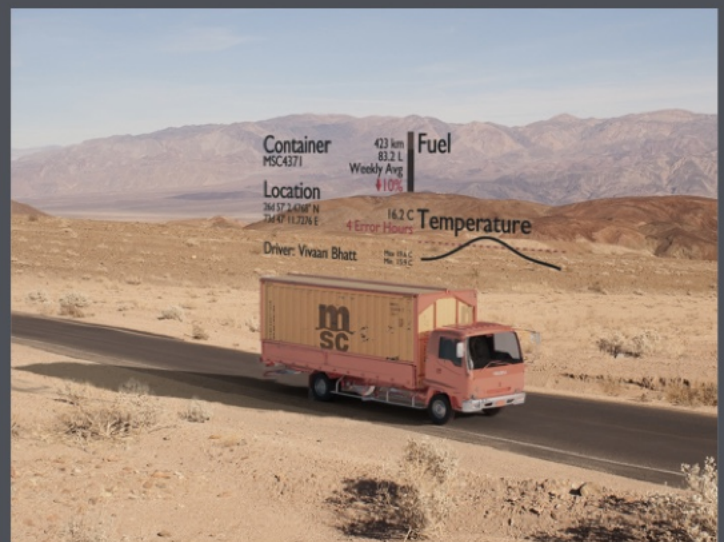
Optimal utilization and management of vehicles requires ubiquitous cloud connectivity, plug-and-play sensors, powerful edge analytics, and compelling data visualization.

Fleet managers require a simple, cost-effective platform for optimizing vehicle routes, preventing maintenance issues, improving driver safety, and eliminating cargo loss in both urban and remote locations.

Skylo's machine network keeps your fleet connected

- Low cost, reliable, and secure vehicle management
- Real-time fleet tracking, diagnostics, and alerts
- Optimized vehicle routing
- Theft detection and prevention
- Real-time environmental monitoring
- Improved driver safety
- Increased fuel efficiency
- Geofencing

Skylo Technologies provides a secure, reliable, and cost-effective platform for large-scale deployment of vehicle sensors and satellite connectivity, delivering real-time actionable intelligence to fleet managers.



Example Telemetric Sensors

Door State

Magnetic sensor detects when a cargo door opens or closes.

Real-time alerts provide visibility of unscheduled cargo access, improving security and preventing loss.

Location

Satellite navigation sensor determines the ground position of a vehicle.

Real-time position information to track location and movement of vehicles.



Environmental

Temperature, humidity, and gas emission sensors to safeguard perishable cargo.

Real-time cold chain tracking sensors prevent loss of temperature-sensitive foods and pharmaceuticals by facilitating an immediate response to environmental fluctuations.

OBD-II

Access the onboard diagnostics port of cars and light trucks.

Real-time telematics and diagnostics information maximizes fleet efficiency, maintains driver safety, and delivers preventative maintenance alerts.

Solution Details

- ◆ Cost-effective satellite hub for narrowband remote sensor applications.
- ◆ Real-time alerts and diagnostics for improved efficiency and safety.
- ◆ Ruggedized IP67-compliant hubs support terrestrial and marine-based applications.
- ◆ Flexible connectivity for a wide range of wired and wireless sensors.
- ◆ 2-way messaging between drivers and dispatchers.
- ◆ Precision location tracking to 3 meters.
- ◆ Battery and wired power operation.
- ◆ Multiple layers of security:
 - Link layer 128-bit AES encryption to protect all data.
 - Optional public/private key sharing to support 128/256-bit AES encryption.



Ready to connect your business?

If you're interested in being part of the future of connectivity for the Internet of Things, then our team in the USA and India are waiting to hear from you.

Email us at:

info@skylo.tech

Find out more at:

www.skylo.tech