SAFETY, EFFICIENCY AND COMPLIANCE

ORBCOMM’s Truck Management solution is the most comprehensive, open, scalable and reliable truck management solution on the market today. By combining reliable in-cab devices based on Android, the BT 500 hardware platform and powerful back-end reporting from FleetManager, ORBCOMM’s platform helps you achieve higher ROI by improving ELD/HOS compliance, driver performance, fleet safety, operational efficiency and workforce productivity.
Comply with ELD/HOS Regulations

ORBCOMM provides comprehensive, driver-friendly solutions to enable fleets to comply with the Electronic Logging Device (ELD), US FMCSA Hours of Service (HOS) and Canadian working hours rules.

**In the cab**

**Hos advisor:** The HOS Advisor automates hours of service calculations and provides drivers with all available options to maximize driving hours based on their current working day/cycle.

**In-cab edits:** Drivers can correct and edit their non-drive duty states on the road, without having to wait for the back office to update their logs.

**No more missing miles:** As driver logs are recorded by the BT 500 and not on the in-cab device, all logs are captured even if drivers have no connection or are not logged in. Logs are synchronized with the server the next time a connection is available. Drivers can keep driving regardless of connection status.

**In the back office**

**Driver hours of service grid:** With accurate updates every five minutes, dispatchers see drivers’ working hours and driving time available, time until next break, shift time, duty state, current location and more.

**Driver duty grid:** Displays drivers’ duty logs for their current cycle. Logs can be fully managed and edited. If a driver has violations, these will be highlighted, along with details of the infringement.

**Driver cycle summary:** Displays a clear visual representation of a driver’s daily duty log showing the date, distance traveled for a given day in miles, indicator of whether logs have been signed for that day or not, driver violations and more.

**Vehicle exceptions workspace:** Manage unidentified driving exceptions where an audit trail is created when an exception is acknowledged—showing who acknowledged it and when. When resolving exceptions, the driver most likely to be assigned to the driving event is then auto-identified.

**Enhance both fleet and driver safety**

Our proven safety solutions keep your fleet’s assets and reputation protected while improving truck driver safety by correcting unsafe driving behaviors that lead to accidents, fines and higher insurance risks.

**Driver performance scoring**
Give live, on-board driver scoring, feedback and coaching to drivers who are measured on safety, compliance and driving performance. Simple-to-use, color-based scoring and peer comparison highlight areas for improvement.

**Safety reporting and analysis**
Determine how a driver is operating the vehicle and assign a safety rating. Drivers are scored and compared across safety data points such as anticipation, harsh acceleration and deceleration, harsh braking, speeding and hard cornering. In-depth, intuitive reporting compares drivers and drills down to incidents for near-miss reporting or accident reconstruction.

**Truck-specific navigation**
Truck-specific navigation selects safe and optimal routes based on vehicle height, weight and length restrictions to get drivers to their destinations.
Electronic DVIR
Complete driver vehicle inspection reports at the push of a button. Be prepared for roadside inspections, with rapid completion and access online and offline to the vehicle’s report status.

Scheduled reporting
Stay on top of key fleet metrics on a regular basis without having to manually run reports. Users can receive PDF or Excel reports directly over any specified timeframe or schedule summary reports to selected staff on a daily, weekly or monthly basis.

Improve customer satisfaction with better productivity
ORBCOMM’s productivity features enhance driver and customer communications and workflow. Choose the right asset for the job, assign it to where it is needed and match it to the right driver. The results include better asset utilization, fewer empty miles and reduced overtime costs.

Driver messaging
Improve communication between drivers and the office. Design custom data entry forms, customizable form messages and workflow, and use text-to-speech functionality for additional safety. Send messages to specific vehicles in your fleet. ‘Received’ and ‘Read’ notifications ensure you know when a driver has seen messages. Messages marked as urgent create audible notifications from the in-cab device to the driver.

Jobs and workflow
Easily create, edit, and send jobs to drivers on the road. Schedule the driver’s work for the day, including deliveries, pick-ups, fuel stops, rest locations and more; the system automatically guides the driver through their working day. Auto-arrive forms display on reaching a destination to deliver work instructions for that location. Dispatchers can enforce a specific order in which jobs must be completed.

Media portal
Send important documents, training guides, videos and images to drivers’ in-cab devices. The secure in-cab viewer means that drivers can’t copy or share any of the content from their device. Send files to an individual device or group of devices, and schedule when files are distributed and when they expire.

In-cab scanning
Enable drivers to scan documents, capture signatures and take vehicle images with their in-cab device. Auto edge-detect and enhancements mean that image results are high-resolution, clear and readable.

Fleet information, ELD/HOS, mapping, driver messaging, jobs and workflow.
Make inroads into fleet efficiency

ORBCOMM’s platform helps you reduce operating and maintenance costs, improve utilization and mitigate financial risks through real-time asset management and cargo visibility, reduced risk of fuel loss and preventive maintenance.

Live tracking and asset management
Live views show vehicle location and status information including driver name, drive time remaining, fuel level and more. Comprehensive reporting gives total visibility including stop details, trip information and route replay. Monitor fleet efficiency against predefined fleet or group KPIs.

Advanced fuel management
The Fuel Auditor protects against fuel theft by comparing actual fuel burned to fuel purchased over any period. Monitor fuel down to the last gallon and receive alerts of discrepancies between the two figures. The Fuel Auditor also records fuel tank levels every five minutes to detect fill and extraction events together with the time, date and location of each event.

Maintenance planner
Schedule services and inspections based on time elapsed (e.g. every six months) or distance. The Maintenance Planner will automatically advise when services are coming due and when they are overdue and schedule the next service once completed.

Data, analysis and insight from FleetManager
FleetManager is ORBCOMM’s cloud-based data analytics and reporting platform—with unrivaled customization, powerful search, multi-user management and advanced mapping.

Categorize your data, your way
Categorize your data in as many different categories as you need. Organize the data with driver, vehicle or depot locations—or add any new categories that make sense for your fleet.

Advanced mapping
Become more productive with features like finding nearby vehicles by driver, vehicle or location. Turn on and off locations or location categories, and easily set up geofences.

Enhanced configurability
Utilize different levels of permission for different levels of users. Decide what functionality users and groups see and control, with functionality to suit beginner, advanced or power users.

Intelligent search
Get advanced data mining capabilities with FleetManager’s powerful, intelligent search options. Search across drivers, vehicles, locations, depots or other categories you create.

Data integration
ORBCOMM’s platform has been designed with fleet software integration in mind. By exploring the flexibility in our platform and deployment architecture, fleet managers can access, deploy and integrate our critical business data into other transport management systems and mobile devices.

Powered by the BT 500
The BT 500 hardware platform which powers the truck management solution is designed and engineered in-house. The advanced platform is future-proofed for many years through a range of communications interfaces, storage and connectivity options. Based on Android, ORBCOMM’s hardware platform provides Wi-Fi, Bluetooth and USB connectivity and full support for 4G LTE.

Contact us today at sales@orbcomm.com to see how our complete, integrated transportation and logistics solutions portfolio can enhance the way you do business.