

CONNECTING THE WORLD'S ASSETS

ORBCOMM®

REFRIGERATED RIGIDS

ADVANCED TELEMATICS DATA – ALL ON ONE PLATFORM

Refrigerated rigid trucks are the workhorses of the foodservice industry. They excel with deliveries in urban areas, frequent stops and door openings, multiple short trips, keeping foodstuffs at different temperatures, using different drivers and operating by day and night. To help meet these challenges, transport managers need telematics data from multiple sources; from the tachograph, the temperature microprocessor, the engine and the driver. By combining data from multiple sources in one device, analysing it on one platform and presenting it on one screen, ORBCOMM's solution is ideal for foodservice companies with refrigerated rigid trucks.

Integrated telematics data for refrigerated rigs

Our temperature monitoring, tachograph reporting, vehicle maintenance and driver management solutions work together to help foodservice operators improve customer satisfaction, meet compliance requirements, maximise fleet safety and enhance driver performance.

Our Refrigerated Rigid Combination

Reliable in-cab devices based on Android, our future-proofed BT 500 hardware platform, and powerful back-end reporting with FleetManager together provide the industry's most comprehensive and game-changing truck management solution on the market today.



BT 500 Platform

FleetManager

In-Cab Device

Temperature Management

Cold chain monitoring solutions provide complete control to protect refrigerated cargo direct from the microprocessor.

Asset Visibility

Improve the utilisation of your assets and resources, by combining reefer status updates and live tracking of all your vehicles with highly accurate positional updates every five minutes.

Connect to Reefer Operating Data

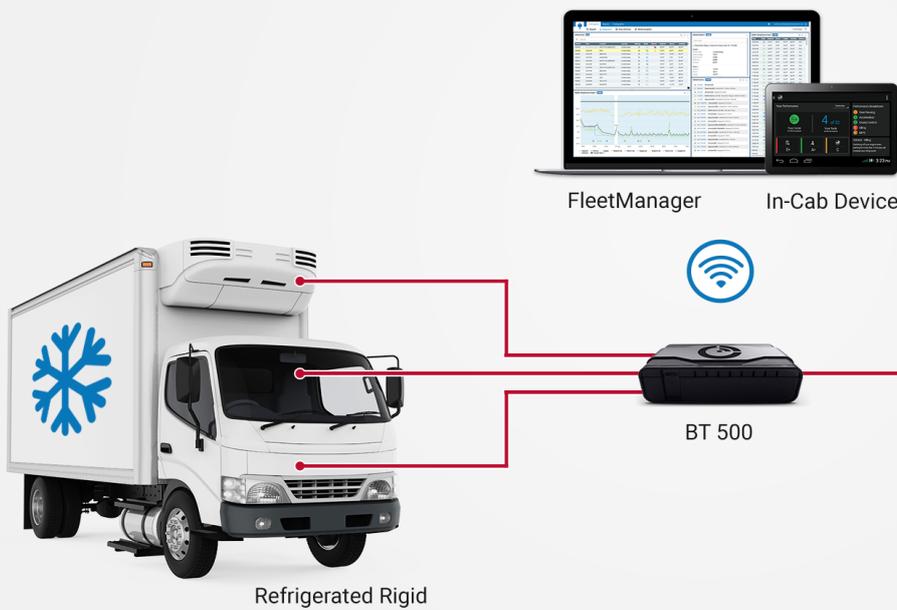
Use direct connections to Thermo King, Carrier and other industry controllers and dataloggers to retrieve essential unit operational information including automatic fault and error detection.

Get Real-Time Alerts

Automatic error detection systems monitor temperatures and set variations and tolerances based on the cargo carried, to report 'out-of-range' conditions and information to understand the severity of the problem.

Telematics for the Refrigerated Rigid

One device. Three cables. All data on one platform.



1. Temperature Data

Refrigeration monitoring system connected directly to controllers and dataloggers.

2. Tachograph Data

Compliant with EU and national legislation, up-to-the-minute reporting, live and historical working hours information, fully automated tachograph downloading and in-built infringement reporting.

3. Engine Data

Real-time truck tracking, driver behaviour, fuel management, vehicle performance and maintenance data—direct from the CANbus.

Comprehensive Reporting

Generate compliant, audited documentation to quickly and easily provide proof of in-transit temperatures in graph or table format to your customers via email.

Two-Way Control

Eliminate potential errors of local, manual intervention by utilising remote, two-way control of the reefer unit.

Door Alerts

Alert users to all door openings and closings, including their duration and location. Use geo-fences to warn if unauthorised door openings occur such as at an unauthorised location.

Tachograph Management

Live and historical drivers and working hours information, automated tacho data download, in-built infringement reporting—direct from the tacho head.

Comply with Tachograph and Working Time Legislation

Protect the fleet with accurate and up-to-date tacho information, automatic data download, customised reporting, integrated driver infringement letters and compliance scoring apps.

Access Live View of Every Driver

Accurate, live and up-to-date view of each driver's working time, driving time, waiting time, rest times and periods of availability.

Plan Ahead with TachoVision

Remove the guesswork from planning with complex, hard-to-calculate, forward-looking data delivered in real-time. See extended driving days and weekly rest compensation due — live.

Automate Tachograph Data Download

Eliminate wait times and administration costs of manual tachograph downloads with automated, remote, scheduled tachograph downloads each time a driver inserts their card into the tachograph.

Eliminate Third-Party Analysis Requirements

Full driver infringement management reporting automatically with leave letters and calendar controls, removing the need for third-party analysis and processing.

Gain Comprehensive Insights with Custom and Scheduled Reporting

Report with full tachograph analysis from a large suite of audit-ready, standard reports or create an unlimited number of customised reports.

Truck and Driver Management

Improve fleet ROI with driver performance scoring, messaging, jobs and workflow, vehicle utilisation, fuel management data—direct from the CANbus.

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“We’re pleased most with the sustained Mileage Per Gallon improvements, which were significantly ahead of target.”

Richard Penna, Group Logistics Manager, Greggs PLC

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Boost Fleet Efficiency

Reduce operating and maintenance costs, improve utilisation and mitigate financial risks through real-time tracking, cargo visibility, reduced risk of fuel loss and preventive maintenance.

Enhance both Fleet and Driver Safety

Keep your fleet's assets and reputation protected by

improving truck driver safety through correcting unsafe driving behaviours that lead to accidents, fines and higher insurance risks.

Improve Fleet Productivity

Enhance customer communications and workflow for better asset utilisation, fewer empty miles and reduced overtime costs.

Comprehensive Features

Vehicle Tracking
Tachograph Management
Driver Performance Scoring
Vehicle Management
Driver Communications
Fuel Management

Temperature Monitoring
Job Management
In-Cab Driver Feedback
Safety Reporting and Analysis
Truck-Specific Navigation
Electronic DVIR
Driver Messaging

In-Cab Scanning
Media Portal
Remote Control of Refrigeration Unit
Maintenance Planner
Temperature Alerts
Companion Apps

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.



ORBCOMM is a global leader and innovator in the industrial Internet of Things, providing solutions that connect businesses to their assets to deliver increased visibility and operational efficiency. The company offers a broad set of asset monitoring and control solutions, including seamless satellite and cellular connectivity, unique hardware and powerful applications, all backed by end-to-end customer support, from installation to deployment to customer care. ORBCOMM has a diverse customer base including premier OEMs, solutions customers and channel partners spanning transportation, supply chain, warehousing and inventory, heavy equipment, maritime, natural resources, and government. For more information, visit www.orbcomm.com.