ENABLING THE CONNECTED FLEET
ORBCOMM’s transportation and logistics solutions enable real-time visibility and control of transport assets as they move across the supply chain for improved operational efficiency, increased profitability, safety and compliance. We provide the only complete integrated IoT transportation solutions in the industry. Whether you run a large or small business or operate trucks, trailers, refrigerated assets, multimodal containers, chassis or railcars, our technology allows you to manage any asset, anywhere in the world, from a single and easy-to-use platform.
Managing transport assets for better ROI

Streamline dispatch operations, improve turn times, safeguard cargo, maximize driving time and more with anytime access to live fleet data. Our comprehensive solutions integrate telematics tracking devices and sensors, multiple cellular and satellite connectivity options, and cloud and mobile applications to help you monitor the location and status of transport assets anytime, anywhere.

**Truck Management and Fleet Safety**
Get more from your truck management solution. Our easy-to-use in-cab system allows drivers to quickly and efficiently manage working hours. Advanced productivity tools streamline processes and enable drivers to complete tasks from the driver interface. Concerned about road safety? Our solutions report on driver performance, helping minimize aggressive driving and lower fuel and maintenance costs through better vehicle operation.

**Increase fleet efficiency:** Increase load efficiency and driver utilization by matching jobs to available drivers using live data. Advanced tools like Vehicle Profiler and Maintenance Planner ensure fleet managers can optimize equipment use and lifecycles. Prevent theft by monitoring fuel and comparing fuel purchased against fuel burned. Receive notifications when discrepancies are detected to enable quick corrective measures.

**Comply with regulations:** We make it easy for drivers. Our comprehensive tools enable advanced management of working hours, so drivers can maximize driving time and stay compliant with local regulations. Our Electronic Logging Device (ELD) is certified with the FMCSA in the United States and complies with working hours rules in Canada. Country and region-specific modules for the European market are available with live and historical tachograph reporting.

**ORBCOMM’s IoT telematics solutions** help you monitor the location and status of transport assets as they move along the supply chain—anytime, anywhere.

**Improve safety and reduce fuel costs:** Driver performance scorecards, peer-comparison and live on-board coaching help drivers become more aware of driving patterns and reduce aggressive behaviors that may lead to fines, accidents and higher insurance premiums. Compare drivers across more than 25 data points, ranging from harsh acceleration to brake anticipation, to identify areas for improvement. Drill down to incidents for near-miss reporting or accident reconstruction to minimize liability risk.

**Improve on-the-road driver productivity:** Improve communication between drivers and office personnel with advanced messaging. Minimize time spent on administrative tasks by allowing drivers to submit forms, scan documents, capture signatures, and complete road inspections with the push of a button right from the in-cab device. Help drivers use driving time wisely with workflow and scheduling tools that help you guide them through their pick-ups, deliveries, fuel stops, rest locations and more.
Trailer and Intermodal Container Tracking
Whether you’ve got a fleet of 50 or 50,000 trailers or containers, you know you can’t afford to lose track of assets in transit or in a yard.

Increase profitability with visibility of asset status and location: Increase profitability with reports that quickly identify dwelling assets that need to go back into rotation. Our solutions have helped customers improve turn times and reduce the number of idle assets by more than 40 percent in the first month. Reduce the number of unused assets at customers’ yards and optimize trailer pools with live and historical usage reports. Set up geofences to receive notifications when assets enter or leave specific locations, and integrate cargo sensors to receive notifications that help streamline load and unload cycles.

Our solutions seamlessly integrate with third-party transportation management systems and applications, allowing users to access live fleet data from a familiar interface.

Increase security and deter unauthorized use: Use geofences and configurable alerts to be notified of unauthorized moves and unscheduled stops that could indicate theft. Improve your chances of recovering a stolen load or asset with live GPS location data. Protect high-value cargo and reduce costly claims with door opening alerts.

Reduce maintenance costs: Track distance driven and engine hours to assess trailer performance and health. Enable preventative maintenance and minimize unnecessary appointments by planning service based on trailer use rather than calendar schedule for significant cost savings.

Cold Chain Monitoring
ORBCOMM’s cold chain solutions enable remote temperature management and control of refrigerated trucks, trailers and containers transporting temperature-sensitive goods such as fresh produce and pharmaceuticals. Gain real-time visibility of shipment status, including temperature, humidity and location to ensure the viability of the cold chain and the integrity of refrigerated loads.

Ensure the integrity of the cold chain and save on costly claims: Our solutions monitor cargo area temperature around the clock and deliver alarms when issues are detected, enabling fleet managers to quickly address problems before they escalate. Protect your company’s reputation and save money on claims. Two-way control makes it possible for managers to remotely adjust temperatures, initiate pre-cool sequences or run pre-trip inspections without ever engaging drivers, which minimizes error risk and maximizes driving hours.

Optimize fuel consumption and operating costs: Performance reports and analytics help you assess and optimize reefer operation to achieve better fuel economy and improve profitability. Receive alarms when rapid fuel loss or theft occurs, and use historical data to detect and resolve improper fuel invoicing. Track engine hours and distance travelled to streamline maintenance and to extend reefer lifespan and warranty periods. Track genset location and be notified when gensets experience mechanical issues, get low on fuel or shut down unexpectedly. Quickly react to issues—often without sending personnel to the field.

Comply with regulations: Our solutions automatically collect and store trip-based temperature data, enabling quick
delivery of proof-of-temperature and pre-cooling records to help you comply with regulations such as the Food Safety Modernization Act (FSMA) in the United States. ORBCOMM’s telematics devices are also HACCP-certified for food safety compliance and GAMP-5-certified as per the Good Distribution Practice (GDP) rules for pharmaceutical distribution in European markets.

**Railcar Tracking**
ORBCOMM’s railcar tracking solutions enable continuous monitoring and control of rail transport assets and cargo to help you optimize utilization, enhance security, ensure the viability of temperature-controlled loads, optimize fleet size and more.

**Improve visibility of railcars and cargo:** Track railcar location and monitor critical components to optimize fleet performance. Use geofences to track railcar movement and accurately provide estimated arrival times to customers. Monitor cargo and door status for improved security, and monitor hazardous materials for rough handling, impact, intrusion and more. Identify underutilized or dwelling assets to optimize inventory and improve turn times.

**Monitor perishable cargo on refrigerated railcars:** Reduce spoilage and claims by continuously monitoring temperature-controlled railcars. Remotely adjust temperature and other settings with two-way control.

**Monitor impact and damage to streamline billing:** Monitor assets for impact to gain insight into how railcars and cargo are handled. Identify when and where damage occurred, including force of impact, to accurately bill back for damage and recoup costs.

**Cargo Monitoring and Security**
Safeguard your global cargo operations and your reputation with comprehensive security and cargo condition monitoring solutions that help you detect, deter and prevent theft, tampering and shipment damage.

**Protect cargo and quickly identify potential theft or tampering:** Remotely detect door locking and unlocking, seal status, loading and movement to help prevent cargo crime. Monitor shipments for vibration, light, shock and other conditions that may indicate tampering or damage to help ensure a shipment’s viability.

**Ensure the integrity of temperature-sensitive shipments:** Preserve chilled, frozen and other sensitive cargo from degradation with 24/7 monitoring and control of temperature, humidity and other climate conditions.

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.