Intelligent asset monitoring for dry van fleets

For transportation and logistics companies, every minute on the road counts. Knowing where trailers are, how long they’ve been out of rotation and when they’ll reach their destination is essential to streamlining operations and improving profitability. ORBCOMM’s trailer tracking solution enables 24/7 visibility into the location and status of every trailer in the fleet. Whether you operate 10 or 100,000 trailers, our solution allows carriers to manage by exception, drawing attention to issues that require immediate action for a more efficient operation. Improve trailer utilization, optimize trailer pools, monitor for detention, protect high-value cargo and more with smart trailer data from a single cloud-based platform that seamlessly integrates with third-party systems.
The Smart Trailer: Key Benefits

**Improve trailer utilization for better profitability**
Identify assets that have been dwelling for an extended time to get them back into rotation. Monitor trailer utilization at customer sites and optimize trailer pools by redeploying under-utilized assets to locations with higher demand. Achieve better trailer-to-tractor ratios and improve turn times with arrival and departure notifications. Eliminate yard checks and automate inventory tracking to streamline trailer assignment. Assign additional loads to drivers based on unused trailer capacity.

**Monitor for detention**
Receive alerts when trailers are detained at customer locations beyond what the contract allows. Use telematics data to set expectations with customers, minimize occurrences and bill accordingly when infractions occur.

**Improve customer service**
Get periodic updates when trailers are on the move and be automatically notified when they enter or leave specific locations to improve dispatch operations and provide accurate ETAs to customers. Give customers read-only access to specific fleet data to help them streamline load and unload cycles and cargo distribution.

**Detect asset theft and facilitate recovery**
Know where trailers are all the time. Get prompt alerts when unauthorized access is detected or when they deviate from normal routes. When theft occurs, smart telematic devices notify of tampering and report current and past location in order to facilitate recovery.

**Protect cargo**
Cargo theft is a serious problem for carriers everywhere. In addition to high insurance premiums and revenue losses, cargo theft can cause shippers to lose confidence in a carrier and pull their business as a result. Theft can also hinder a fleet’s reputation and its ability to win new businesses. Telematics technology monitors cargo around the clock, notifying operators of tampering, unauthorized access or unscheduled loading and unloading to help fleets enable quick corrective action when issues are detected.

**A better dispatch**
Never send a driver to the wrong location or waste driving time. Accurate GPS location data ensures your trailer inventory records are always up to date so you can run a smooth dispatch operation. Seamlessly integrate trailer data into dispatch software from leading TMS vendors, ERP systems and other enterprise platforms to get up-to-the-minute trailer location from any application.

“We’ve already identified numerous areas within our operation where we will see immediate benefits in efficiency. End-to-end visibility to the entire supply chain is the new expectation, and as a technology leader in the industry, we are excited to provide this service to our customers.”

Terry Matthews, Executive VP and President of J.B. Hunt’s intermodal division.
Key Features

Trailer location
See the position of every trailer in your fleet in real time with the option to display geofences and traffic. Hover over a trailer to see last reported information such as time, GPS position, speed, cargo status and battery voltage. Click on a specific asset and select a date range to generate a breadcrumb trail of its trajectory and see status at different stages along the journey.

Geofences
Create virtual fences around landmarks such as warehouses, yards, depots and loading docks to receive automated alerts when trailers enter or leave those locations. Streamline load/unload cycles and efficiently coordinate crews at loading docks inside a geofence with our nested geofence feature. Bill customers when it takes too long to unload your trailers and quickly identify assets inside a geofence as well as those that are nearby.

Custom reports and analytics
Build custom reports and filter results from a wide variety of parameters and trailer data, save them for quick access or schedule them to be periodically delivered to an individual or group. Advanced reports allow you to track engine health, hours of operation, fuel consumption and inventory management to help enable preventive maintenance and extend asset health.

Utilization reports
Quickly identify trailers that have been idle for a specific time to get them back into rotation. Filter information to streamline the results: last reported event, address, geofence, door and load status, dwell start and end time and more.

Smart sensing technology
Door sensors enable door status notifications to help protect high value cargo and help identify unauthorized access. Integrated BLE cargo sensing technology delivers cargo loaded/unloaded notifications while a high-definition cargo camera shows the percentage of available space inside the trailer to help fleets optimize capacity. Seamlessly integrate other external BLE sensors, such as tractor ID, TPMS and temperature and humidity.

Backup Satellite Connectivity
Maintain connectivity with drivers, trailers and cargo in remote locations where the cellular network is unavailable or when compromised by severe weather or natural disasters with optional satellite failover.

The ORBCOMM platform delivers complete fleet visibility
Five reasons to choose ORBCOMM

1. **Proven**
   Choose a solution that's proven itself through 25 years of operation and 2.1 million global subscribers, and has been widely deployed by some of the biggest names in the industry, including companies like Prime, C.R. England, Walmart, C&S Wholesale, Hirschbach Motor Lines, Maersk, Target, Tyson Foods, Werner Enterprises and more.

2. **Seamless integration**
   Enhanced integration with TMS systems like McLeod and TMW allows customers to get actionable trailer data from their existing dispatch application, eliminating the need to learn a new software.

3. **End-to-end**
   Our solutions feature proprietary, best-in-class technology and include intelligent IoT telematics devices, seamless satellite and cellular connectivity and a powerful management platform, all backed by end-to-end customer support through all aspects of deployment and beyond.

4. **Always connected**
   We own and operate the world's first and only commercial satellite network dedicated to machine-to-machine communications. With our optional backup satellite service, our solutions deliver uninterrupted connectivity with every trailer in the fleet even when the cellular network is out of reach or compromised by bad weather or natural disasters.

5. **All-in-one**
   Get a single view of all your assets—trucks, dry trailers, reefers, containers and chassis—on one screen with the ORBCOMM platform. A unified view makes it easier for dispatch, safety, compliance, operations, IT and executives to manage all aspects of the fleet from one easy-to-use application.

Contact us today at sales@orbcomm.com to see how our comprehensive trailer tracking solution can optimize the way you do business, or visit us at www.orbcomm.com

Learn more about our transportation solutions

**Mixed Fleet Solution**
Easily manage multiple assets with one simple telematics solution.

**The Smart Cold Chain**
Real-time connectivity and traceability for refrigerated transportation.

**The Smart Truck**
Fleet management solutions for drivers, back offices and fleet managers.

Ask your rep or see all of our solution sheets at www.orbcomm.com

ORBCOMM®
ORBCOMM (Nasdaq: ORBC) 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.