

Trailer and asset tracking

Enable better visibility and improve asset utilisation of your dry trailer fleet with ORBCOMM's self-contained, real-time, ruggedised yet discreet trailer tracking solution. Covertly installed hardware monitors trailers and maximises asset deployment while maintaining trailer and road safety.

Asset tracking

Using the latest mapping technology, ORBCOMM provides users with live and scheduled trailer status information through FleetManager. When tethered, the solution provides trailer status info every 10 minutes by default—and every 12 hours when untethered.

Trip and stop replay

Trailer location data can be displayed using road, aerial or bird's eye map views. Monitor detailed vehicle movement in breadcrumb format on a map, with stop details and time-at-location reports. Any timeframe can be specified by the user.

Polygon geofencing and watchbox alerts

Geofence an unlimited number of locations using polygon geofencing. Run reports on dwell times per location or group of locations. Watchboxes will alert when a vehicle enters or leaves a location within time periods.

Door monitoring

Reports all door openings and closings, their duration and location. Alerts can be triggered if unauthorised door openings occur such as at an unknown location.

Trailer weights

Real-time trailer weight information, load/unload events, maximum vehicle weight and overweight alerts improve cargo security, avoid empty trips and improve trailer utilisation.

EBS Monitoring

Red/amber warnings from EBS module alert to possible safety issues.

Maintenance planner

Schedule trailer services and inspections based on trailer odometer or time elapsed (e.g. every six months). Users will automatically be advised when services are coming

due and when they are overdue. Once the service is complete, the next service is automatically scheduled.

Rugged hardware

The BT 120 hardware platform powers the trailing tracking solution. Designed in-house specifically for dry trailers, it is heavily ruggedised and highly accurate. Mounted covertly underneath the trailer with no external antennas, the BT 120 goes undetected by unsuspecting thieves.

Over-the-air programming, software upgrades and customisations are performed seamlessly with no disruption to daily operations.

Advanced battery technology

Our hardware utilises advanced, rechargeable lithium battery technology to provide years of operation at extreme temperatures.

The screenshot displays the ORBCOMM tracking software interface. On the left is a map of the United Kingdom showing a blue route for vehicle CTF332. A pop-up window for CTF332 provides details: Time: 11:55, GPS Position Time: 11:51, Stopped: 18 h, Stopped Since: Mon 17:31, Reefer Off Duration: 22 h, Reefer Battery Voltage: 12.8 V, and A59, Ribble Valley, Lancashire, England. On the right, the 'Vehicle Grid' shows a list of vehicles with columns for Vehicle ID, Time, Movement, Location, Country, Status, and Type. Below this is the 'Vehicle Details' for CTF332, listing Reefer Off Duration (22 h), Reefer Battery Voltage (12.8 V), Switch On Hrs (6038), and Reefer Hrs (2683). At the bottom right is the 'Vehicle Events' log for CTF332, showing a series of arrival and departure events with timestamps and locations.

Location tracking, route replay, asset status, events and watchbox alerts.

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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