

CONNECTING THE WORLD'S ASSETS

**ORBCOMM<sup>®</sup>**

# DRIVER SAFETY AND FLEET MANAGEMENT

## **SAFETY, EFFICIENCY AND COMPLIANCE**

ORBCOMM's fleet management solutions help keep drivers safe by monitoring driver behavior and alerting them of actions that may compromise their safety and that of those around them. Plus, with access to fleet data and real-time fleet status, fleet managers can run more efficient operations and improve driver productivity. Need to comply with federal, state or corporate policies? ORBCOMM's fleet management solutions are certified by the FMCSA and provide a comprehensive set of tools to meet the needs of fleets of all sizes.

MULTI-NETWORK CONNECTIVITY • HARDWARE SOLUTIONS • IOT APPLICATIONS

# Improve safety, reduce costs and ensure compliance with smart fleet management

## Safety

With an expected 20 percent increase in the number of trucks on the road in the coming years, increasing safety and reducing risk is a top priority for fleet owners. Our proven in-cab coaching technology has helped customers achieve a 90 percent decrease in accidents, 89 percent decrease in aggressive driving, 85 percent decrease in speeding violations and 88 percent increase in seat belt use.

**Driver coaching:** Our in-cab coaching technology talks to drivers, telling them when they are speeding or driving aggressively to help them develop better driving habits overtime.

**Seat belt alerts:** ORBCOMM's fleet management solutions monitor seat belt use and alert drivers and managers when they are not used.

**Speeding:** Our Speed-by-Street functionality—unique in the industry—tells drivers when they exceed the speed limit on any road to improve safety and avoid fines.

**Crash detection:** The solution automatically detects accidents and roll-overs, delivering instant notifications to managers via phone, text or email, and collecting vehicle data before, during and after a collision to enable accident reconstruction.

**Panic button:** Drivers in trouble or in an emergency can place a call with a push of a button.

**Scorecards:** Driver and fleet scorecards reward drivers with good records and identify those who require additional training.

## Efficiency

**Braking and accelerating:** In-cab coaching alerts drivers of aggressive braking and accelerating to help improve safety, minimize vehicle wear and tear and optimize fuel economy.



Fleet manager dashboard with an at-a-glance view of fleet performance.

More than 40,000 people die each year in motor vehicle crashes costing society over \$400 billion, says the National Safety Council.

By eliminating extreme braking and accelerating, drivers can improve miles per gallon as much as 15 percent.

**Idling:** One hour of idle time represents 80 miles of engine wear and tear and approximately one gallon of fuel. Turning off the engine saves fuel and reduces carbon emissions. Idle monitoring and alerts allow managers to track idling and set alerts that remind drivers to turn vehicles off.

**Speeding:** Vehicles conserve the most fuel when travelling at 55 miles per hour. Adhering to the speed limit is vital to fuel efficiency. Alerts and speed-by-street functionality notify drivers who are speeding to encourage them to stay within the limits.

**Compliance**

**Electronic Logging Devices (ELDs):** Our in-cab interface features a comprehensive set of tools to help drivers track and log hours of service (HOS) through an electronic logbook to stay within the law. Drivers can quickly log in and out of a vehicle, change duty status, track driving status, check miles driven and more. Our solutions are certified by the FMCSA.

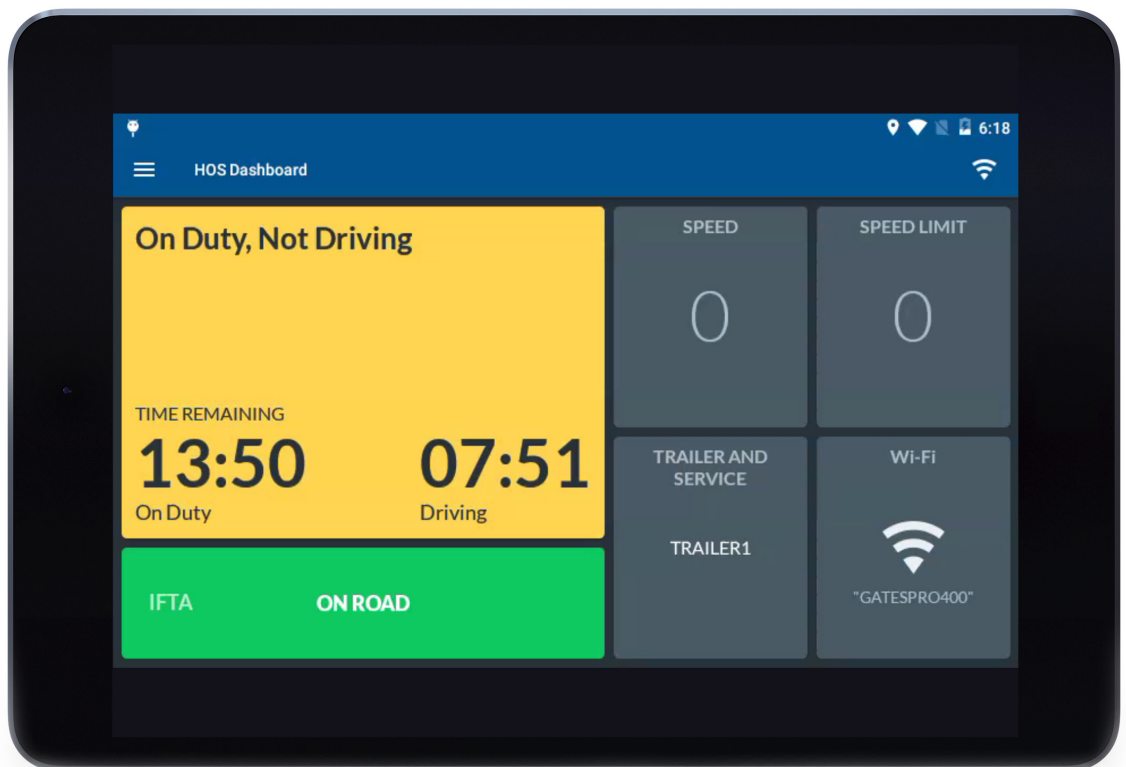
**Idling compliance:** State and federal laws, which pose restrictions on idling, have been implemented to reduce negative effects on the environment. With idle monitoring and alerts, managers are able to identify drivers who aren't abiding by corporate, state or federal policies in order to minimize idling violations.

**IFTA:** ORBCOMM's comprehensive solution automatically tracks state crossings and calculates appropriate tax amount for gallons consumed versus gallons purchased as per the International Fuel Tax Agreement (IFTA).

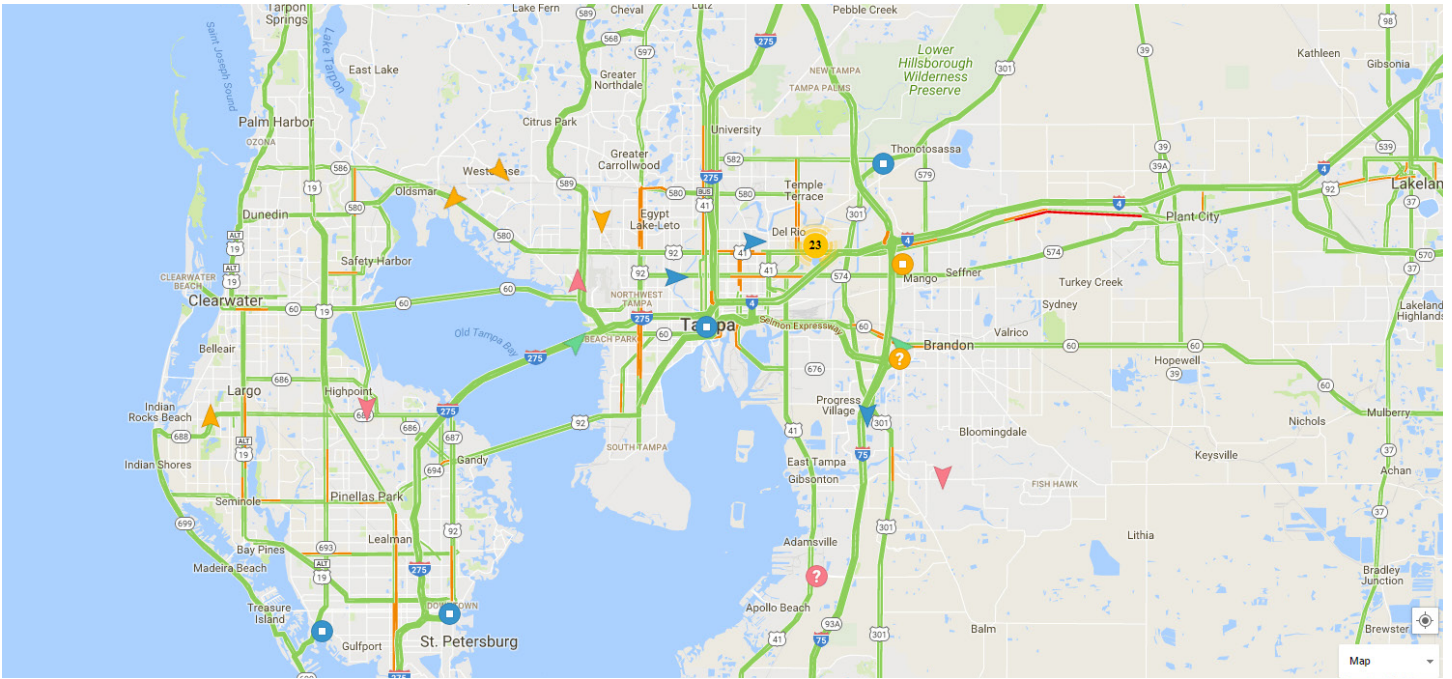
**CSA:** Our system monitors drivers for behaviors evaluated as part of the FMCSA's Compliance, Safety, Accountability program. These behaviors include unsafe driving, hours-of-service compliance, crash indicator and more.

ORBCOMM's in-cab coaching technology has helped customers achieve a 90 percent decrease in accidents.

**Vehicle inspection:** Our solution integrates electronic Driver Vehicle Inspection Reports (DVIR) in accordance to US and Canadian federal safety regulations to help commercial fleets comply with pre-and-post trip vehicle inspection requirements. The system reminds drivers to complete safety inspections and notifies management if drivers fail to submit them. Fleets can create custom inspection lists based on individual requirements.



Connect App – Driver HOS Dashboard.



Fleet manager live fleet view with color-coded vehicle status.

With one of the most complete offerings in the industry, ORBCOMM has the right products and services to deliver a comprehensive solution that's right for you. To learn more about how we can help you improve driver safety, gain complete fleet visibility and comply with regulations, visit [www.orbcomm.com](http://www.orbcomm.com).



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](http://www.orbcomm.com).