Electronic Logbook | ELD | Real-Time Tools | Reports

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Today's industry

The trucking industry is the lifeblood of the U.S. economy. Over 70% of all the freight tonnage moved in the U.S. goes on trucks. Without the industry and our truck drivers, the economy would come to a standstill. To move 10.5 billion tons of freight annually requires over 3.4 million heavy-duty Class 8 trucks and over 3.5 million truck drivers. Simply – without trucks, America stops.

Trucks move roughly 70% of the nation's freight by weight. 10.49 billion tons of freight (primary shipments only) transported by trucks in 2015, representing 70.1% of total domestic tonnage shipped. $726.4 billion in gross freight revenues (primary shipments only) from trucking, representing 81.5% of the nation's freight bill in 2015.

There are approximately 3.8 million professional truck drivers in the United States, according to estimates by the American Trucking Association.

The total number of people employed in the industry, including those in positions that do not entail driving, exceeds 8.7 million.

About one of every 15 workers in the country is employed in the trucking business, according to the ATA.

Regulatory Impacts on Trucking

Additional Drivers Required By Regulatory Changes
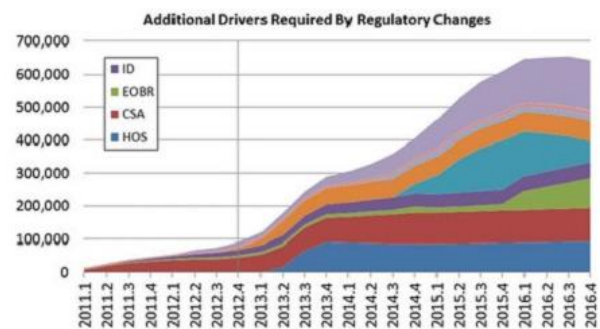
Sources: FTR Associates, OEM Market Indicators

Copyright: FTR Associates, 2013

Ninety percent of the trucking industry is made up of small business trucking companies with ten or less trucks. These figures indicate that trucking is an exceptionally stable industry that is likely to continue generating jobs in the coming years. **The Department of Transportation registers more than 40,000 commercial driver's licenses per month.**

Change in Legislation

The FMCSA's final ELD rule was published December 2015. The electronic logging device (ELD) rule is intended to help create a safer work environment for drivers, and make it easier, faster to accurately track, manage, and share records of duty status (RODS) data. The rule applies to most carriers and drivers who are required to maintain RODS.

An ELD synchronizes with a vehicle engine to automatically record driving time, for easier, more accurate hours of service (HOS) recording. Carriers and drivers who are using paper logs or logging software must transition to ELDs no later than December 18, 2017. Carriers and drivers who use AOBRDS prior to the compliance date must transition to ELDs no later than December 16, 2019.

With this change in legislation in the United States, which Canada is anticipated to follow suit in 2017, comes an opportunity not only to provide this ELD technology but create a product that all truckers and fleet managers need such as GPS Tracking, Electronic logbooks, trip reports, communication and so on in the fleet management software domain. In fact this change in legislation is ushering in a transformation of an entire industry heavy on paperwork into the digital age.

Based on assumptions stated by the FMCSA in its Regulatory Impact Analysis for ELDs, paperwork savings per driver per year are estimated to include:

- Driver Filling RODS: $487
- Driver Submitting RODS: $56
- Clerk Filing RODS: $120
- Elimination of paper driver log books: $42

That's a total of $705 per year in just paperwork savings alone. The agency estimates that each truck driver fills out an average of 240 RODS per year, and an ELD is estimated to reduce the amount of time drivers spend logging their HOS by 4.5 minutes per RODS – or, 19 hours each year. Commercial drivers spend filing or forwarding their RODS to carriers, which the agency estimates takes five minutes and occurs 25 times per year – eliminating two more hours a year.

In short, that's a potential 20+ hours of drive time wasted by filing and sending paper driver logs. Illustrating ELD benefits using a more aggressive model tells an even stronger story. Consider an owner/operator running a flatbed operation at $2.47/mile, averaging 50 MPH, and running approximately 1900 miles a week. That driver would realize:

- 1.5 hours/week from reduced paperwork = $185.25/week in potential new driving (billable) time
- 1.5 hours/week of rounding to the nearest minute = $185.25/week in potential new driving (billable) time
- Commanding a higher rate based on proven HOS compliance ($2.60 compared to $2.47) = $247/week
- Potential reduction of one OOS violation a year, resulting in one more day on the road = $20.58/week
- Saving on potential fines from form and manner violations = $6.25/week

And, while the math on accident reduction savings is trickier, the FMCSA did calculate an average safety benefit of $187 per long-haul ELD user and $126 per short-haul ELD user.

The TruxTrax Solution

The TruxTrax platform offers a web-based dashboard and BYOD (bring your own device) mobile application. The dashboard and the TruxTrax app give you real-time visibility into your fleet with GPS location tracking, Two-way communication, Alerts and Reminders.

From the mobile app directly to the dashboard, TruxTrax Reporting calculates your IFTA, Fuel, Mileage, Trip and Expense, giving you a complete view. Driver duty status, driving time, and availability automatically sent from your ELD to your ELogbook.

TruxTrax is a fleet management system that is tailored to small, medium and large fleets. Small being 1 vehicle to large being over 1000+ vehicles. With TruxTrax you can simplify required hours of service logs and accurately record your HOS directly from the app with our E-Logbook feature and be ELD mandate compliant with the Truxbox ELD.

Our ELD device is a simple Plug and Play installation process. We offer a 9 pin or 16 pin adapter depending on what you need for your engine diagnostic ports. Simply plug the device into to your engine diagnostic port, then sync via Bluetooth to your mobile device, log in to the app and then you are good to go on the FMCSA ELD mandate compliant road!

The benefits that TruxTrax offers are:

- **Decreased Fuel Costs**: By monitoring excessive truck idle times or speeding events, TruxTrax users can build incentive programs for truck drivers that help increase fuel efficiency.

- **Reduced Truck Downtime**: TruxTrax users can see reduced vehicle downtimes of 15% and improved vehicle utilization of 13%, according to studies by the Aberdeen Group.

- **Lowered Total Crash Rates**: Based on data from the Center for Truck and Bus Safety of Virginia Tech Transportation Institute, drivers using Electronic Logbooks had a significantly lower total crash rate (an 11.7% reduction) and a significantly lower preventable crash rate (a 5.1% reduction) than trucks not equipped with electronic driver logs.

- **Simplified Regulatory Compliance**: While complying with the ELD mandate, other regulations can also be easily satisfied, including Driver Vehicle Inspection Reports and IFTA.

FREE premium features

The only Preferred Trucker App to offer you these premium features absolutely FREE!

- ✓ ELogbook
- ✓ IFTA tracking and reporting
- ✓ Expense tracking and reporting
- ✓ Fuel tracking and reporting

- ✓ State Mileage tracking and reporting
- ✓ GPS Tracking
- ✓ 2-Way messaging
- ✓ Web-Dashboard access

Adapt to the needs of an evolving industry

Simplify your hours of service logs and accurately record your HOS directly from the app with our E-Logbook feature & Truxbox ELD.
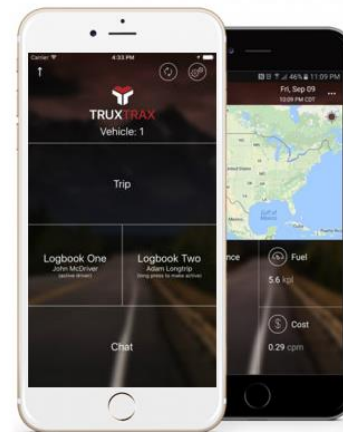
E-Logbook

- Easily create and edit your HOS log

- Generate inspection ready HOS and DVIR reports

- Driver duty status, driving time, and availability automatically sent from your ELD to your E-Logbook.

- Simply plug the ELD into you engine diagnostic port and pair via Bluetooth/BLE to your mobile device.

The right tools

- Automatically record mileage, distance and Location

- Easily gather information for IFTA, Fuel, Expense and Trip reports

- Be aware of violations in real-time

- All events will be recorded automatically, and directly sent to your dashboard in real-time.

Truxbox ELD

- The most cost effective solution for ELD mandate compliant logs with easy Plug and Play installation

- Prevent Logbook errors and HOS violations

- FMCSA registered ELD device

- Easy Plug and Play installation

- No upfront hardware costs
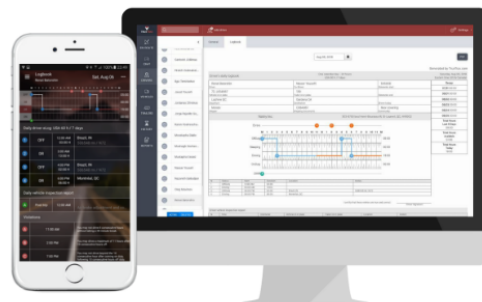
Everything you need to stay connected

The dashboard and the TruxTrax app give you real-time visibility into your fleet with GPS location tracking, Two-way communication, Alerts and Reminders.

Vehicle Tracking

Make informed and immediate decisions with GPS Location Tracking for all of your drivers and vehicles in real-time.

Use TruxTrax to provide clients with estimated arrival times, direct drivers to alternate routes and to optimize your pick-up and delivery planning.
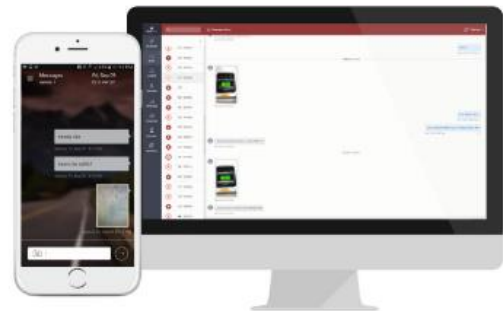
Communication

Connect with one or one thousand of your drivers on the road in real-time.

Two-way communication allows you to send and receive attachments such as pictures and files, and communicate about weather warnings, road traffic status, and route updates.

Alerts & Reminders

This feature allows you to program specific driver related or vehicle related alerts and reminders.

Technical inspections, entering a new state, delivery times, and even to take a break. Each driver or fleet can have its own set of alerts and reminders giving you full flexibility.

Complete and total visibility

From the mobile app directly to the dashboard, TruxTrax Reporting calculates your IFTA, Fuel, Mileage, Trip and Expense, giving you a complete view.

IFTA and IRP reports

With the information gathered from the mobile app, you can generate your IFTA & IRP reports directly from the dashboard.

Simply choosing any combination of variables such as the number of trucks, type of fuel, reporting period, and tolls.
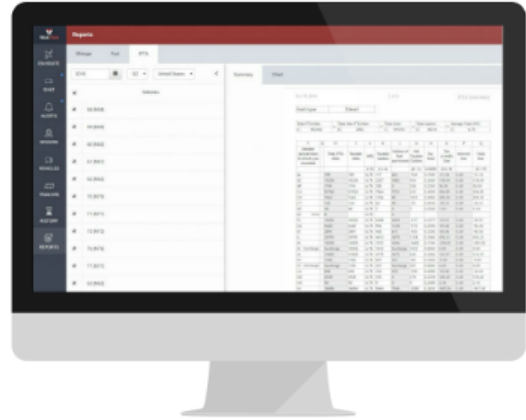
Fuel and Expenses reports

This feature allows you to program specific driver related or vehicle related alerts and reminders.

Technical inspections, entering a new state, delivery times, and even to take a break. Each driver or fleet can have its own set of alerts and reminders giving you full flexibility.
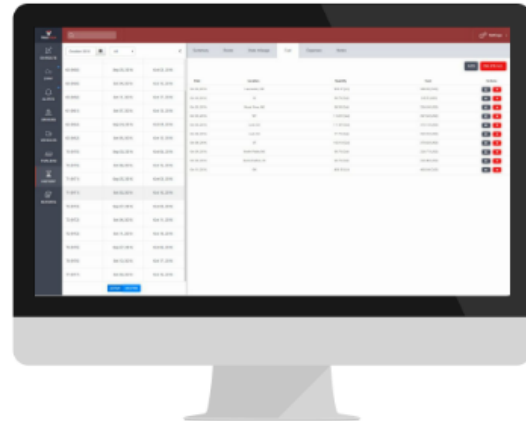
State mileage reports

IFTA and IRP reports depend on the collection of the distances travelled in each state or province.

The TruxTrax app automatically registers the crossing of borders from one state to the other and allocate each mile travelled in a specific state into a total distance for that state or province.
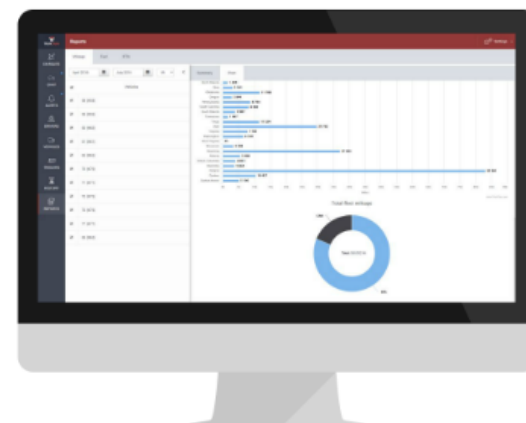
TRUX**TRAX**

Getting started with TruxTrax is easy

Use all of our premium features for free.
Get ELD mandate compliant with our ELD pricing plan.

1

Get the App

Download the app, create an
account, get dashboard access.

2

Get ELD mandate compliant

Choose a Truxbox ELD
pricing plan for our FMCSA certified device.

ELogbook Plan

Free
No hidden fees

**TRUXTRAX APP +
DASHBOARD**

Completing your HOS logs has
never been easier.

Requires Android/IOS device with
bluetooth/BLE® and a data plan.

Google play

Available on the
App Store

Truxbox ELD – Annual Plan

20$
Per vehicle/Per month Annually

TRUXBOX ELD

The most cost effective solution for
ELD mandate compliant logs with
easy Plug and Play installation.

Annual payments of $240.00 usd per
vehicle per year.

Requires Android/IOS device with
bluetooth/BLE® and a data plan.

Requires TruxTrax ELogbook Plan

Pre-order now!

Truxbox ELD – Monthly plan

25$
Per vehicle/Per month

TRUXBOX ELD

ELD mandate compliant logs with
easy Plug and Play installation.

Monthly payments of $25.00 usd per
vehicle per month.

Requires PayPal account

Requires Android/IOS device with
bluetooth/BLE® and a data plan.

Requires TruxTrax ELogbook Plan

Pre-order now!

TruxTrax is built for your compliance, safety and fleet management needs, providing you with
Electronic Logbooks, FMCSA compliant ELD, GPS Location Tracking, Real-time tools and
automated reporting.

We can help you adapt to the needs of an evolving industry. Get connected with our
ELogbook, ELD, Real-time tool and Reporting solutions designed just for you.

CONTACT INFORMATION

Questions or comments, just let us know.

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