

## Fleet Freedom ELD

The logistics and heavy-duty vehicle industries are moving towards a paperless HOS method to ensure your drivers remain safe on the roads. Canadian fleets who currently do cross-border transportation need to comply with changing ELD and HOS regulations on both sides of the border. The Canadian ELD mandate will ensure consistency by adapting much of the U.S. regulations for the electronic logging of Hours of Service. As these changes have already started to take effect in the United States, and Canadian ruling is just around the corner, don't wait and chance any unnecessary costs, last minute growing pains and/or consequences from non-compliance. It is time to get on board with an electronic safety ELD solution.

## ELD Mandate Simplified

In December 2015, the FMCSA<sup>1</sup> released a final ruling requiring all companies that report driver hours to switch to an automated driver hour log reporting system by December 18, 2017. The current mandate applies to transportation carriers within the United States, and all Canadian carriers that travel within the U.S. The FMVTA<sup>2</sup> requires all drivers of heavy duty vehicles in Canada to log Hours of Service and a DVIR<sup>3</sup> to ensure driver safety. A carrier has the choice to implement ELD<sup>4</sup> or AOBRD<sup>5</sup> solutions by December 2017. Where carriers who choose to implement the latter solution are grandfathered in until December 16 2019, then they will be mandated to switch over to an ELD solution to their fleet. Failure to comply with the ELD mandate will result in: costly fines, ability to operate in the U.S. to be revoked, and financial loss in business and revenue. At the moment, the Canadian ELD mandate is still in planning and development stages, but is expected to follow the same process, timing and requirements as the U.S. mandate.

## What is an ELD?

An ELD is an Electronic Logging Device. The ELD device plugs into a vehicle's computer port to read engine status, engine speed, odometer and engine hours. An ELD device enables automatic capture of certain electronic Hours of Service logging data to eliminate errors and increase safety. Fleet Freedom's HOS mobile app automatically uses ELD data to electronically track a driver's HOS<sup>6</sup>, capture all drives via synchronization with truck's engine, and allows fleet managers to view the electronic logs for each truck on a real-time basis. In addition to this, our ELD solution also manages date/time, driver information and shifts, vehicle location and distance driven.



## ELD in Canada

The FMVTA has announced plans to implement an ELD mandate in Canada, where timing is still yet undetermined. Canadian ruling will be similar to the U.S. legislation. The FMVTA has claimed, U.S. approved ELDs will be compliant with future Canadian legislation. Canadian ELD legislation will ensure cross-border carrier consistency by adapting much of the U.S. regulation. This will greatly simplify the operations and administration for Canadian Carriers, further saving overhead costs and management time.

## Timeline for Compliance

- December 18 2017 – Electronic Logging Devices are required for all non-exempt fleets after this date. Carriers have the option to implement ELDs or AOBRDs, but one of the two solutions need to be in place. Carriers who already have AOBRD solutions will not need to upgrade to ELDs until December 16 2019, however AOBRDs will no longer be sold after this date.
- December 16 2019 – Any carriers who have AOBRD solutions must upgrade to ELD solutions by this date to remain compliant. AOBRDs will no longer be permitted after this date.

## Why implement now?

**Electronic logs provide additional advantages and benefits as outlined here:**

- ▶ Meet compliance initiatives
  - Keep accurate HOS logs, reduce violation fines and display up-to-date HOS information to law enforcement – MTO<sup>7</sup> and DOT<sup>8</sup>
- ▶ Canadian legislation is currently under planning and development, but coming soon.
- ▶ Remove paperwork and human error that is traditionally present
- ▶ Improve safety of drivers by reducing driver fatigue through compliance of HOS mandates
- ▶ Reduce violations & fines by being compliant to FMVTA and FMCSA mandates

## How do I ensure I am compliant?

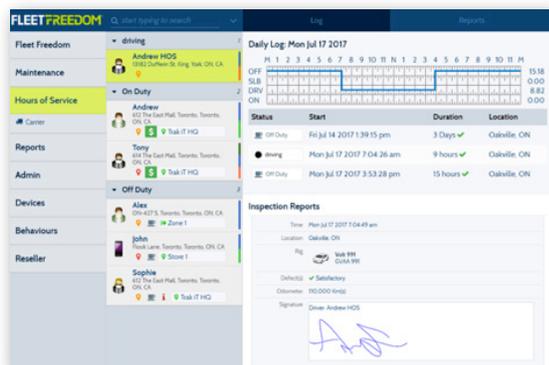
- ▶ Evaluate your fleet's needs
- ▶ Are you a carrier or professional driver operating in the U.S.? If so, you need ELD!
- ▶ Work with your preferred solution provider to assess, plan, execute and support your ELD implementation
- ▶ Start field trials
- ▶ Make sure your ELD partner provides a simple, easy to use solution
- ▶ Train your staff
- ▶ Educate yourself on the ELD mandate
  - <https://www.gpo.gov/fdsys/pkg/FR-2015-12-16/pdf/2015-31336.pdf>
- ▶ Make sure your ELD is certified and listed on the FMCSA website
  - <https://csa.fmcsa.dot.gov/ELD/List>
- ▶ Begin deployment with technologically friendly drivers and encourage them to evangelize and internally promote the process
- ▶ Provide back office tools to manage drivers and provide support during transition period
  - Proactive management, updates, alerts & reporting

## FAQ's

1. For clients who already have legacy equipment, is there a program to upgrade the hardware and make it compliant with the upcoming legislation?
  - a. Yes. We have a 2-tiered ELD solution for business cases where an existing infrastructure investment has already been made. There is a low cost, plug and play ELD dongle that can be used.
2. Are there recommended implementation practices that will help management, driver support and drivers make the transition to ELDs as smooth as possible?
  - a. Training and communication with drivers is key. Start by letting drivers know of the upcoming changes. Schedule training and walk through sessions with your staff prior to implementation.
3. How long does it take to install and have a solution up and running? What type of lead time do I need to make this happen?
  - a. With a plug and play solution, this can happen in a matter of days, assuming training is performed prior to implementation so all drivers are prepared to use the ELD.
4. When are truck mounted data terminals more appropriate than driver assigned mobile devices for ELD implementation and vice versa?
  - a. The best solution will be different for each business. Some businesses prefer to use a mobile application on a smartphone, where others prefer a mounted tablet or MDT of some kind. The best solution for your business will be a service provider that has the flexibility to provide both options.
5. What are some of the best compliance practices used today in over-the-road commercial transportation that should be maintained with ELDs?
  - a. Ensure your drivers are following FMCSA and FMVTA hours of service logging legislation now, even if the current logging mechanism is paper. This will increase driver compliance and adoption when moving to an electronic logging ELD format
6. In a mixed fleet of long haul and short haul/support vehicles, do systems adapt to supporting all?
  - a. Yes, a properly implemented ELD solution will support both LTL/short and long-haul applications.

## When will this solution be available from Fleet Freedom?

At this time, Fleet Freedom's HOS and ELD solutions are available for customers to implement within their fleet. We have existing clients actively testing the product today. The service will be available and fully FMCSA certified before the December 2017 deadline.



## Why Fleet Freedom?

- ▶ Fleet Freedom has more than 16 years of experience
- ▶ Fleet Freedom offers a FMCSA compliant solution
- ▶ An all-in-one flexible ELD solution application
  - Application includes: vehicle GPS, mobile app and asset tracking, dispatch and HOS
- ▶ The option to choose either an ELD standalone solution or ELDs bundled with AVL solutions that provide industry's best value
- ▶ Fully featured API capabilities
  - Client's case uses all Fleet Freedom services without using the application
- ▶ Flexible hardware options for any deployment
  - Fully installed modems, plug and play GPS, trailers and assets
- ▶ Simple, easy-to-use interface
- ▶ App available in the Apple App store and Google Play Store
  - Available for download on any portable device to access your ELD data and HOS

## Glossary of Terms

<sup>1</sup>FMCSA – U.S. Federal Motor Carrier Safety Administration

<sup>2</sup>FMVTA – Canadian Federal Motor Vehicle Transportation Authority

<sup>3</sup>DVIR – Driver Vehicle Inspection Report

<sup>4</sup>ELD – Electronic Logging Device

<sup>5</sup>AOBRD – Automatic On-Board Reading Device

<sup>6</sup>HOS – Hours of Service

<sup>7</sup>DOT – U.S. Department of Transit

<sup>8</sup>MTO – Ministry of Transportation of Ontario