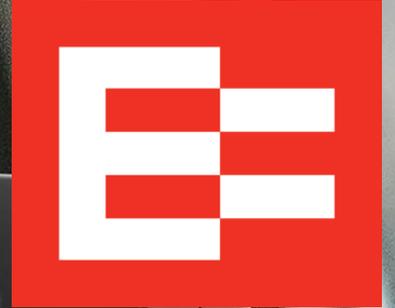


EROAD

Is your ELD Provider
good enough to
cover your IFTA and
IRP obligations?

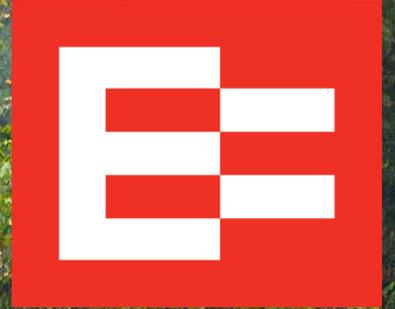


Nina Elter, Senior Manager, U.S. and Europe
Strategy & Market Development | March 30th, 2017

eroad.com

Overview

- ELD mandate recap
- ELD mandate timeline
- Finding an ELD provider
- ELD vs. IFTA/IRP record keeping requirements
- What to look for and why
- Q&A



§395.2: “ELD means a device or technology that automatically records a driver’s driving time and facilitates the accurate recording of the driver’s hours of service, and that meets the requirements of subpart B of this part.”

Key requirements:

- Not necessarily a physical device but a technology platform
- Device must be integrally connected to the CMV’s engine to track vehicle movement and operation
- Date, time and location automatically captured
- Tamper resistant
- Allow for annotation by both driver and carrier to explain or edit/correct records

Compliance dates/phases



		<u>PAPER</u>	<u>ELS</u>	<u>AOBR</u>	<u>ELD</u>
<p>Phase 1 Right now</p> <p>Phase 2 After 12/2017</p> <p>Phase 3 After 12/2019</p>	<p>Awareness and Transition</p> <p>Carriers and drivers subject to the ELD mandate should prepare to transition and may voluntarily adopt ELDs.</p> <p style="text-align: right;">Now</p>	✓	✓	✓	✓
	<p>Phased-in compliance</p> <p>Unless carriers and drivers using AOBRs, must adopt ELDs.</p> <p style="text-align: right;">12/18/2017</p>			✓	✓
	<p>Full compliance</p> <p>All carriers and drivers must adopt ELDs.</p> <p style="text-align: right;">12/16/2019</p>				✓

FMCSA's ELD registry



United States Department of Transportation About DOT | Our Activities | Areas of Focus

FMCSA
Federal Motor Carrier Safety Administration LOGIN |

Registered ELDs

Here you may view a list of Electronic Logging Devices registered with this site. These devices are self-certified by the manufacturer and not by the Federal Motor Carrier Safety Administration. Click [here](#) to return to the homepage.

Device Name	Model Number	Software Version	ELD Identifier	Image	User Manual	Company	Contact Company (Phone)	Contact Company (Email)	Company Website
EROAD ELD	Ehubo 2	v1.33.104 or higher	EROAD1	EROAD ELD - Confidence in Every Mile.png	EROAD ELD User Manual.pdf	EROAD	855-503-7623	eld@eroad.com	www.eroad.com/eld

- FMCSA publishes a list of all compliant ELD's: <https://3pdp.fmcsa.dot.gov/ELD/ELDList.aspx>
- List is updated as soon as a new provider successfully completed the self-certification process

Devices should NOT automatically be considered 'IFTA compliant'!

Leverage a broader solution platform for ELD compliance



- Integrated solution
- ELD, Tax, Compliance
- Single technology platform





- Jurisdictions are required to audit 3% of their carriers each year
- For California, this means over 650 audits per year
- 82% who IFTA audits in 2015 ended with an audit assessment of some type
- For California, over 500 audits ended with an audit assessment



Inadequate Records Assessment:

- Adjustment of the fleet's average MPG to 4.00
- Reduction in fleet's average MPG by 20%

ELD vs. IFTA/IRP record keeping requirements



Basis of record keeping and reporting



...IFTA and IRP fleet centric data retention

ELD focused on individual driver....



Qualifying vehicles



ELD	IFTA	IRP
<ul style="list-style-type: none">• CMV > 10,000lbs manufactured after model year 2000• Involved in interstate commerce	<ul style="list-style-type: none">• CMV > 26,000lbs, OR• Having three or more axels regardless of weight; OR• Is used in combination, with the weight or such combination > 26,000lbs gross vehicle or registered gross vehicle weight• traveling in 2+ IFTA jurisdictions	<ul style="list-style-type: none">• CMV > 26,000lbs, OR• Having three or more axels regardless of weight; OR• Is used in combination, with the weight or such combination > 26,000lbs gross vehicle or registered gross vehicle weight• Chartered buses• traveling in 2+IRP jurisdictions• (optional) trucks or truck tractors, or combinations of vehicles having a gross vehicle weight of 26,000lbs or less

Record retention

ELD	IFTA	IRP
6 months	4 years	5 years

Key data records requirements



	ELD	IFTA	IRP
Original GPS or other location data for the vehicle to which the records pertain	x	✓	✓
Location of each GPS or other system reading	x	✓	✓
Calculated distance between each GPS or other system reading	x	✓	✓
Routes of travel by unit	x	✓	✓
Beginning and ending reading from the odometer, hubodometer, ECM or similar device	x	✓	✓
Distance by jurisdiction / state line crossings	x	✓	✓
Identification of any exempt miles claimed including distance readings	x	✓	✓
Unit number	✓ Power Unit and Trailer	✓	✓
Fleet number	x	x	✓
Registrants name	✓	✓	✓
Driver Name/ID	✓	x	x
Bill of Lading	✓	x	x
Change of duty status	✓	x	x
Engine hours	✓	x	x
Distance recaps	x	Monthly, Quarterly, Yearly	Monthly, Quarterly, Yearly

Location data Accuracy and precision

ELD	IFTA	IRP
<ul style="list-style-type: none">• At every:<ul style="list-style-type: none">• Change in duty status• Engine on/off• Beginning and end of personal use• Intermediate location every 60 minutes (unless when in personal use)	<ul style="list-style-type: none">• Continuously <p>Records must be of quality deemed adequate by an auditor</p>	<ul style="list-style-type: none">• Continuously <p>Records must be of quality deemed adequate by an auditor</p>

Fuel



```
WELCOME
1A243590-006
FUEL ME UP
CALIFORNIA

DATE      04/30/2016
TIME      5:01PM
AUTH#     001122
          VISA
          ACCOUNT NUMBER
          ####-####-####-##98
          Flying Trapeze
          Trucking
PUMP  PRODUCT  $/G
  01    DI    $2.9
GALLONS          TOTAL
105.00          $304.50
                   TAX PAID
          THANK YOU!
          HAVE A NICE DAY
```

Carrier Responsibilities



	ELD	IFTA	IRP
Device must be maintained and recalibrated in accordance to manufacturer specs for tire size changes, drivetrain modifications, or other modifications affecting device accuracy	✓	Records produced must be of a quality deemed adequate by an auditor	Records produced must be of a quality deemed adequate by an auditor
Retain all data for audit purposes	6 months	4 years	5 years
Maintain a second back-up copy of the electronic files	✓	✗	✗
Carriers submit records for audit through electronic data transfer	✓	✗	✗
Train drivers in device use and preparation of manual records should device fail	✓	✓	✓
Ensure the entire record keeping system meets requirements	✓	✓	✓

What should you be looking for?

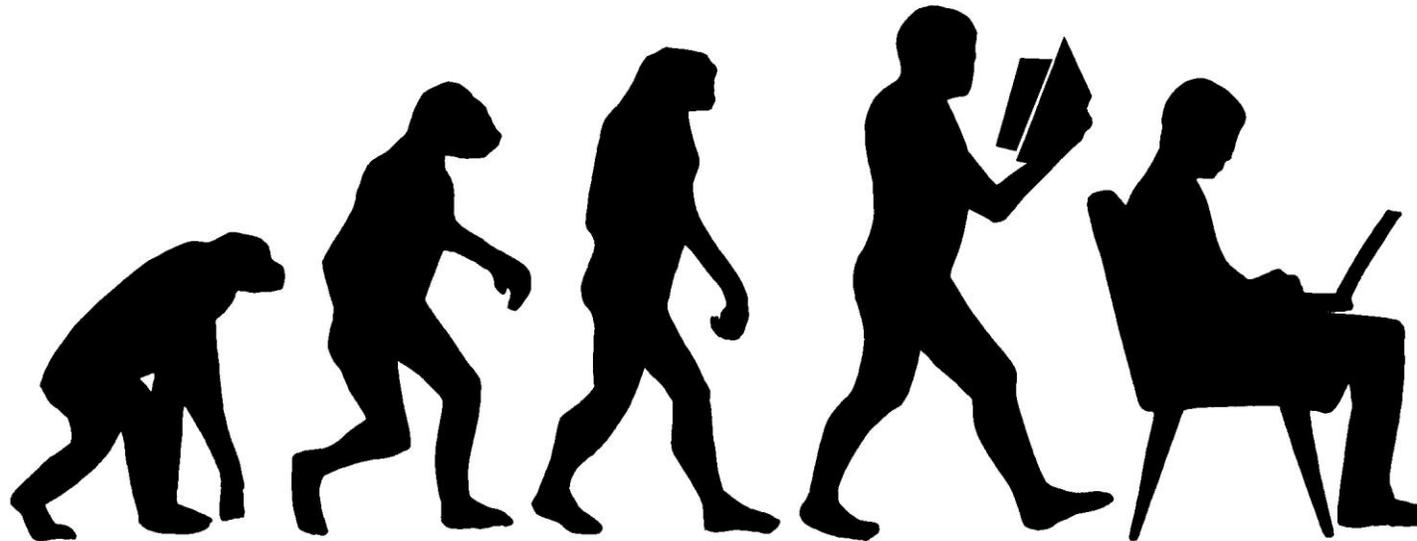


What should you ask a vendor?

- Is the offering something that is **accurate and reliable**?
- What's the service **up-time**?
- Are you using the **latest technology**?
- How often are **software updates** released? Are there extra costs?
- Is the system **secure**?
- What are the **helpdesk** hours?
- How are **requirements validated**?

How to identify a quality
technology platform and provider?

What sets them apart?





How do I know who I can trust?



KEEP
CALM
AND
STAY
COMPLIANT



THANK YOU

Nina Elter

Senior Manager, U.S. and Europe
Strategy & Market Development

nina.elter@eroad.com

+ 1 971 303 3132

