ELD Mandate

Counting down to December

EROAD

Norm Ellis, *President*

November 16, 2017

What is an ELD?

§395.2 - "Electronic Logging Device (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
- Integrally connected to the CMV's engine to automatically track vehicle movement and operation
- Date, time and location automatically captured
- Satisfies display and data transfer requirements
- Resistant to tampering and ability to monitor compliance and detect malfunctions
- Allow for annotation by both driver and carrier to explain or correct records

ELD Compliance Requirements

- Must be registered with the FMCSA registry; and
- Must be certified by the provider that it meets all technical specifications.

FMCSA Registry: https://3pdp.fmcsa.dot.gov/ELD/ELDList.aspx

United States Department of Transportation

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FMCSA
Federal Motor Carrier Safety Administration

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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

Key Dates and Compliance Phases

				PAPER	ELS	AOBR	ELD
Phase 1	February 16, 2016	**"Effective date"** ELD providers with compliant product can register on the FMCSA registry	**Awareness and transition –** Carriers and drivers can voluntarily adopt ELDs. Should research and evaluate ELD options, and prepare to transition to ELDs.	✓	✓	✓	✓
Phase 2	December 18, 2017	**"Compliance date"** ELD becomes mandatory for qualifying carriers and drivers	**Phased-in compliance –** Unless carriers and drivers are using AOBRs, must adopt ELDs.			✓	✓
Phase 3	December 16, 2019	**"Full compliance date"** End of AOBR Grandfathering All carriers and drivers must abandon AOBRs and use ELDs	**Full compliance –** All carriers and drivers must adopt ELDs.				✓

Roadside implementation timeline

ELD compliance date

- No ELD (or AOBRD) is a violation and will be documented on roadside inspection reports
- Issue citations to drivers operating without ELD
- Monetary penalty

- No ELD (or AOBRD) is an Out-of-Service (OOS) violation
- States may vary on how they interpret OOS
- E.g. truck to be towed, ELD installed

All drivers that require RODS must transition to ELDs

Except for the following drivers:

- Drivers currently allowed to use timecards could continue to do so under § 395.1(e)
- Drivers that are intermittently required to record HOS duty status (because they go outside of the specified short haul criteria), but for no more than 8 days in any 30 day period
- Drivers who conduct driveaway-towaway operations, where the vehicle being driven is the commodity being delivered
- Drivers of vehicles manufactured before model year 2000.

Impact of ELDs on violations and inspections

- Expect reduction in form & manner and HOS violations from use of ELDs
- No ELD equivalent to no RODs
- Drivers not able to operate ELD and transfer or display can be treated as no RODS violation

Roadside Inspection – Current State

Record of Duty Status Violation Trending – Fiscal Years (10/01 to 09/30) 2013-2017

Violation	2017	2016	2015	2014	2013
Form & Manner	▼ 135,893	▲ 172,183	▲ 164,728	▲ 163,110	155,266
False Logs	▼ 34,321	▲ 38,123	▼ 34,811	▲ 37,125	35,125
No RODS	▼ 24,746	▲ 28,090	▼ 26,604	▼ 28,124	29,135
Previous 7 Days	▼ 20,297	▼ 25,639	▼ 27,856	▲ 27,938	26,625
8-Hour Violation	▼ 43,078	▼ 61,737	▼ 74,341	105,652	–
14-Hour Violation	▼ 27,254	▼ 37,768	▼ 44,534	▼ 49,571	50,043
11-Hour Violation	▼ 15,612	▼ 21,198	▼ 24,206	▼ 26,428	27,219
Totals	▼ 301,201	▼ 384,738	▼ 397,080	▼ 437,948	323,413

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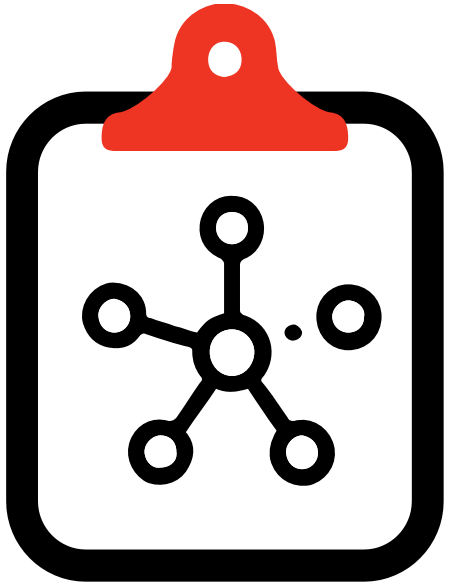
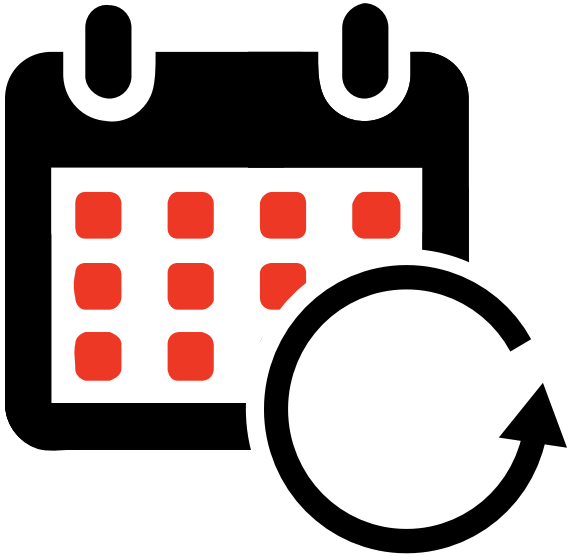
Tips to prepare for compliance with the ELD mandate

Strategize your transition



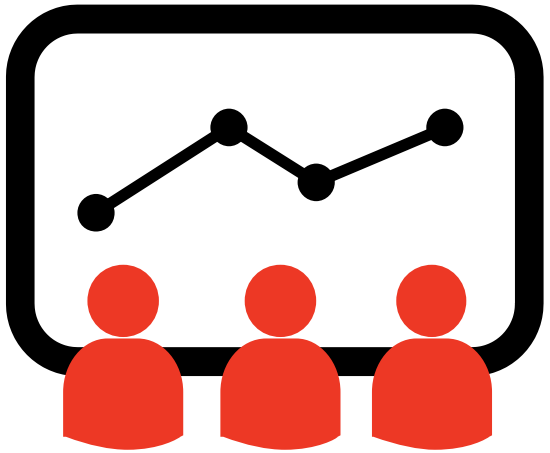
- Understand the device you are choosing
- Weigh up the impacts on your operations
- Consider and clearly outline:
  i. *Timing*
  ii. *Phases of implementation*
  iii. *Who needs to be involved*
  iv. *Who's doing what and why; pre, during and post on-boarding process*

Update company policies and practices



- Requirements for training
- Define and outline criteria and restrictions for use of special driving categories
- Set out expectations for drivers around reviewing, editing and submitting logs
- Develop and define policy for login and logout for all staff
- Continue to review and update

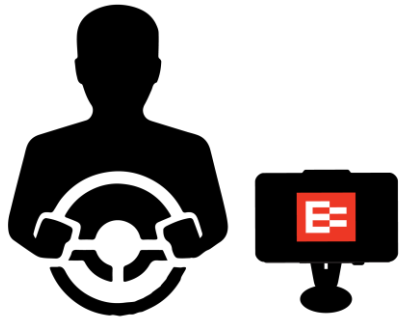
Train your team



- Drivers
- Mechanics
- Dispatcher
- Fleet managers
- Safety managers
- HR

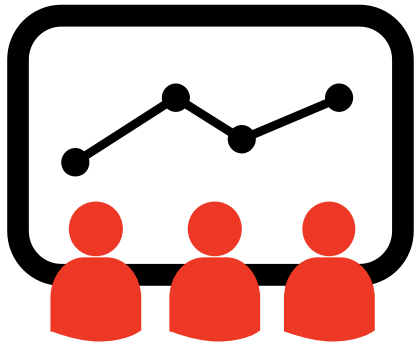
Unidentified driving

What's the rationale?



- ELD must record all driving time and trips for the vehicle
- All driving trips must be assigned to drivers or be explained by the carrier
- Any time vehicle is driven without a driver logged in is considered to be unidentified driving time
- Enforcement to have visibility over any unidentified driving events captured on the ELD at roadside inspections

Training on all fronts



Drivers

- Login and logout with personal pin

Mechanics

- Use login provided or advise fleet manager/ dispatcher
- Selecting yard move if within the definition
- Check to make sure drivers have logged out

Fleet managers / Safety managers / Dispatcher

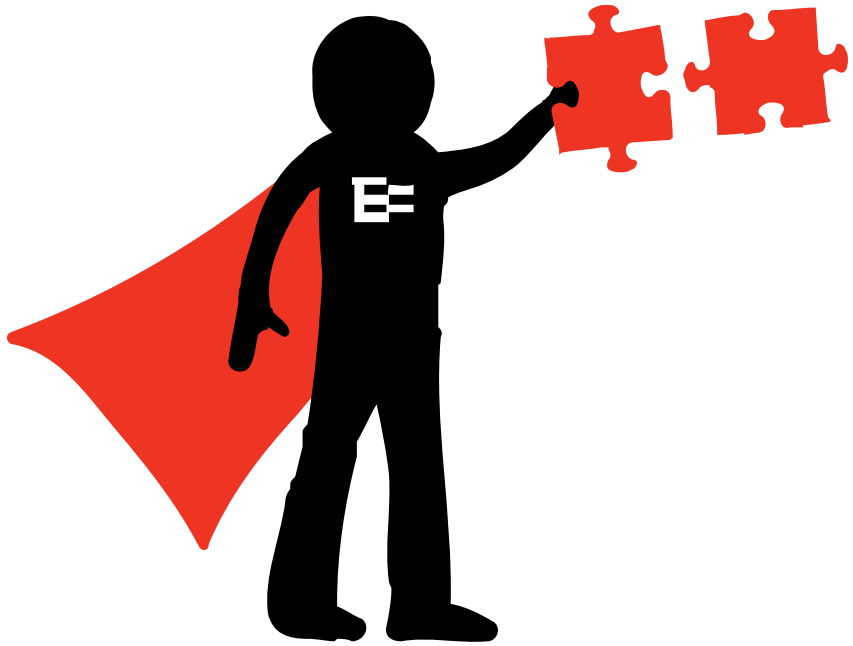
- Set up drivers, mechanics and support users
- Set out policies for login/logout and security with pin
- Responsible for managing unidentified driving trips

Think longer term

What other benefits can you unlock with ELD?

- Extra visibility and insights over your fleet
- Proactively manage driver behavior
- Go electronic with your tax compliance
- Improve vehicle utilization and efficiency
- Utilizing safety features to be a ‘better bet’

Work with your ELD provider



- User manuals
- Training materials
- Instructions and guidance materials
  - Roadside inspections
  - Malfunctions and data diagnostics
- Customer and technical support

Know ahead of time where to go and how to get help on technical issues or compliance questions!

About EROAD

INTUITIVE IN-VEHICLE ELD

Rugged, driver-friendly device means no need to deal with lost or broken tablets

BEST-IN-CLASS CUSTOMER SERVICE

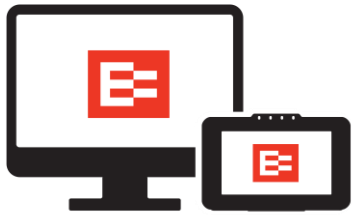
Responsive, knowledgeable and friendly customer service team dedicated to you

SIMPLIFIED COMPLIANCE

Easy to adopt and easy to use so you can be confident you're always compliant

SECURE, RELIABLE, ACCURATE

Highly reliable network that's always available; everything is recorded electronically means accurate data and less hassle



ALL IN ONE SOLUTION

User-friendly FMCSA registered and third-party verified ELD, electronic tax reporting, vehicle maintenance and fuel and fleet utilization reporting

Questions and Answers

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THANK YOU

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For more information about EROAD, visit the website eroad.com or call 503-305-2255