

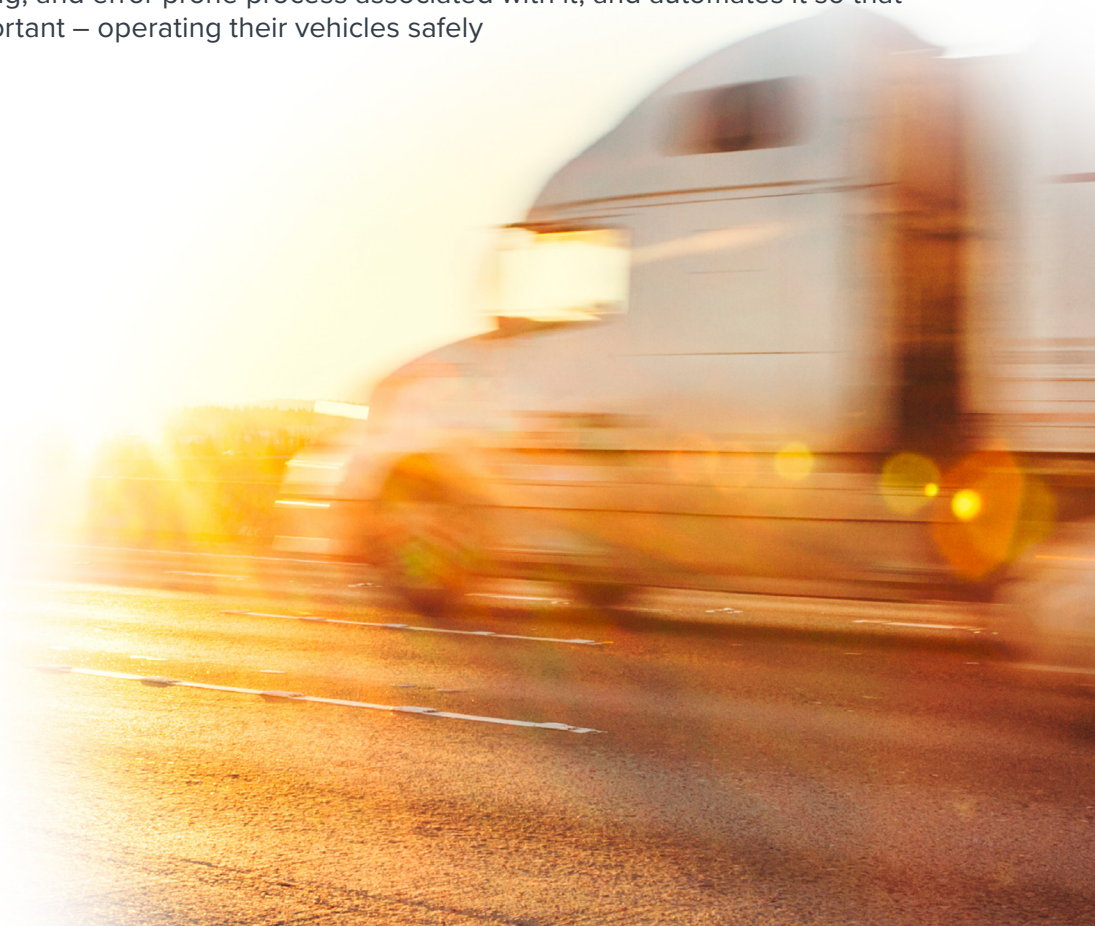
WHITE PAPER: SPIREON FLEET & ASSET INTELLIGENCE

What is the ELD Mandate

The ELD Mandate is a broadly sweeping rule that will impact over 3.4 million drivers within the United States. It requires, with few exceptions, the drivers to transition from paper logs, and regulation 395-compliant Automatic OnBoard Recording Devices (AOBRDs), to new devices that meet the requirements set forth in the rule's language. .

The final rule was implemented to improve road safety, ensure compliance to HOS regulations, as well as to protect commercial drivers and the motoring public. According to the (Federal Motor Carriers Association (FMCSA), the ELD rule is projected to “save 26 lives and prevent 562 injuries resulting from crashes involving large commercial motor vehicles” annually. It is also expected to provide significant benefits to their users. ELDs eliminate paperwork, prevent HOS fines stemming from inaccurate logs, and put an end to unproductive hours spent by drivers filling out their Record of Duty Status (RODS).

It is important to note that the ELD Mandate doesn't change Hours of Service (HOS) regulations, it simply takes the manual, time consuming, and error prone process associated with it, and automates it so that drivers can focus on what's important – operating their vehicles safely



When Do I Need to Be Compliant?

There are two key dates to be aware of to ensure your fleet stay's compliant:

1. The ELD Mandate Effective Date – December 18th, 2017

After this date, any fleet that does not qualify under the grandfather clause by having an AOBRD in use must be equipped with an ELD Mandate-compliant device to remain in compliance.

2. The End of the Grandfather Period – December 16th, 2019

The grandfather clause enables any vehicle that adopts an AOBRD in advance of the effective date (December 18th, 2017) to remain compliant through the end of the Grandfather Period (December 16th, 2019). After this date, AOBRDs will no longer be a compliant solution.

DECEMBER
18²⁰¹⁷ 16²⁰¹⁹

Note: The grandfather clause does not cover new vehicles added to a fleet after the ELD Mandate effective date. Any new vehicles will need to be equipped with an ELD Mandate compliant device.

What Key Terms Do I Need to Know?

AOBRD / Automatic OnBoard Recording Device

The term AOBRD was placed into the regulations in 1988. The devices are defined in §395.2 and regulated by §395.15. An AOBRD is defined as any “device capable of recording driver duty status information accurately and automatically as required by §395.15. The device must be integrally synchronized with specific operations of the commercial motor vehicle in which it is installed. At a minimum, the device must record engine use, road speed, miles driven, the date, and time of day.”

ELD / Electronic Logging Device

Like an AOBRD, an ELD records driver duty status information accurately and automatically as required by §395.15, but also meets the technical and user standards of the Electronic Logging Devices and Hours of Service Supporting Documents final rule. A true ELD will be required to stay in compliance with the ELD Mandate.



Who Needs to Comply with the ELD Mandate?

In general, any driver who operates a commercial motor vehicle who is currently required to keep RODs as defined in regulation 395 will be required to comply with the ELD Mandate.

That being said, there are a number of exemptions that your business may qualify for:

EXEMPTIONS

1. Vehicle Year 2000 or earlier

Vehicles that have mechanical engines (typically year model years 2000 or older) lack the diagnostic port required to equip an Electronic Logging Device. To address this concern, the FMCSA has provided an exemption for any vehicle model year 2000 or earlier as defined by the VIN. It is worth noting that these vehicles, although exempt by the ELD Mandate, will still be required to maintain paper logs.

2. Already equipped with an AOBDR

Vehicles that are already equipped with an AOBDR may take advantage of the ELD Mandate's Grandfather clause. As described earlier in this paper, vehicles that adopt an AOBDR in advance of the December 18th, 2017 effective date will be given until December 16th, 2019 to fully transition to an ELD Mandate compliant device.

3. Short-Haul Exemption

Drivers that do not drive over 150 miles from their registered domicile more than 8-times in a given month will qualify for a short-haul exemption and will not have to comply with the ELD Mandate.

4. Your vehicle(s) are classified as "drive away-tow away" operations

How Do I Ensure Compliance?

We recognize that staying compliant with an ever changing compliance landscape can be a headache and a burden on business. To help you address this, we at Spireon stay up to date on the latest regulatory changes so you don't have to.

Our flagship Spireon Compliance package includes the tools that help you stay compliant with the ELD Mandate, Hours of Service regulations, Driver Vehicle Inspection Reporting requirements, and the International Fuel Tax Agreement (IFTA).

Spireon's FleetLocate Compliance FL7 device is a simple tool for your business. It is easy to install and available at an affordable price.

[View the Brochure Learn about Spireon FleetLocate Compliance](#)

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[Read the FMCSA ELD Mandate Final Rule](#)



About Spireon

Spireon, Inc. is the industry's leading open connected vehicle company, providing businesses and consumers with powerful Big Data insights to track, manage and protect their most valuable assets. The award-winning Spireon NSpire open platform delivers rich information from any GPS connected vehicle or asset, converting that information into actionable insight. Headquartered in Irvine, CA, Spireon's open connected vehicle platform now supports more than three million active subscribers across the company's growing suite of product offerings for new and used car dealers, lenders and financial institutions, rental car agencies, insurers, consumers, and fleet, trailer and asset management companies.

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Date Founded: 2002

Number of Employees: Over 400 Full & Part-Time

Number of Managed Devices: 3.75 Million