

Understanding the ELD Mandate



ELD compliance is part of Samsara's complete solution to improve productivity and lower operating costs.

100% Compliant

Samsara solutions are certified to comply with FMCSA regulations.

Easy to Use

Intuitive experience for both drivers and fleet managers.

Improve Productivity

Optimize operations and increase visibility into vehicles and drivers.

[Try Samsara for Free](#)

What is the ELD Mandate?

The Electronic Logging Devices Mandate is a new law requiring fleets to replace paper service logs and electronic recorders with new Electronic Logging Devices (ELDs).

ELDs have interfaces for drivers to set their duty status, complete daily logs, and present electronic logs to officers performing inspections. Unlike previously available electronic loggers, new ELDs must connect directly to the vehicle's engine and monitor usage to ensure logs cannot be falsified.

The ELD Mandate aims to annually avoid thousands of crashes, save lives by reducing drowsy driving, and save billions of dollars in paperwork expenses.

Does it apply to me?

If you log hours of service today you are required to comply with the ELD mandate. There are a few exceptions, such as drivers who:

- Meet one of the short haul exemptions in 395.1 (e)
- Use paper logs for 8 days or less during any 30 day period
- Conduct drive-away/tow-away operations where the vehicle is being delivered
- Drive vehicles manufactured before model year 2000

When will it take effect?

The ELD mandate takes effect over multiple phases, and regulations will impact you differently depending on how you log hours of service today.

Starting December 17, 2017, ELDs will be required. Automatic Onboard Recording Devices (AOBRDs) that meet FMCSA regulations [49 CFR 395.15] will satisfy the ELD mandate during this phase. By December 18, 2019, all installations must be ELDs.

Vehicles equipped with Samsara solutions will be compliant across all phases of the ELD mandate

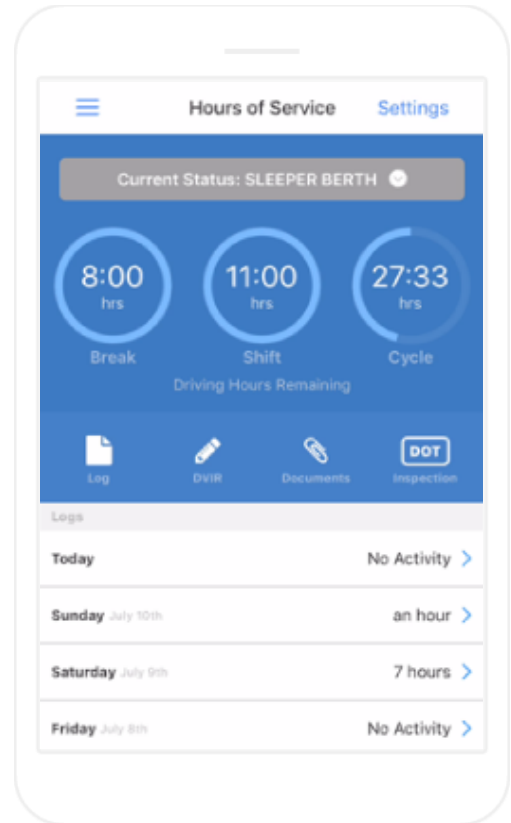
Dec 16, 2015	Dec 18, 2017	Dec 16, 2019
Paper Logs OK	No Paper Logs	No Paper Logs, No AOBRDs
ELD Final Rule Published by FMCSA	Existing AOBRDs OK New deployments must be ELDs	ELDs Required

Samsara's ELD Solution

DRIVER APP

Hours of Service app for iOS and Android devices

- Drivers set duty status, manage and sign logs
- Easy to present for DOT inspections
- Works on most smartphones and tablets
- Connects to Samsara gateway, no cellular data plan required
- Includes DVIR and real-time dispatch with turn-by-turn navigation



VEHICLE GATEWAY

Cellular gateway with real-time telematics

- Correlates vehicle usage with driver logs
- Captures real-time location, engine diagnostics, and sensor data
- Built-in WiFi hotspot with 500MB data included



DASHBOARD

Centralized visibility of Hours of Service (HOS) logs and fleet activity

- View real-time duty status, HOS logs, and driving hours remaining for any driver in the fleet
- Complete GPS tracking: real-time location visibility, route analytics, and vehicle pinpointing
- Business-relevant tools like preventive maintenance, driver safety reports, and dispatching

The screenshot shows a web browser window with the URL cloud.samsara.com. The page title is "SCHWEBEL BAKING COMPANY - TRANSPORTATION" and the main heading is "Hours of Service Report". Below the heading is a table with 9 columns: Driver name, Duty status, Time until break, Drive remaining, Shift remaining, Cycle remaining, Cycle tomorrow, Current break, and Driving in violation today. The table lists 10 drivers. Drivers with a "DRIVING" status are highlighted in light red, and those with an "ON DUTY" status are highlighted in light green. The "Driving in violation today" column shows 2:41 for Jeff Waring and 9:50 for Dick Gianettino.

Driver name	Duty status	Time until break	Drive remaining	Shift remaining	Cycle remaining	Cycle tomorrow	Current break	Driving in violation today
Shawn Knight	DRIVING	5:32	8:37	11:32	48:00	48:00	-	-
Jeff McKee	DRIVING	5:06	8:27	11:06	47:29	47:29	-	-
Jason Smythe	DRIVING	6:15	9:44	12:15	46:09	46:09	-	-
Ken Knight	DRIVING	3:39	7:32	9:39	45:55	45:55	-	-
Jeff Waring	DRIVING	0:00	2:20	3:18	44:23	44:23	-	2:41
Gale Villinger	DRIVING	6:41	6:26	7:58	43:02	43:02	-	-
Dick Gianettino	DRIVING	0:00	0:00	0:00	42:09	42:09	-	9:50
Matt Smith	ON DUTY	6:05	6:08	6:08	42:29	42:29	-	-
Dave Erickson	ON DUTY	0:00	0:00	0:00	40:39	40:39	-	-
Jeff Lake	ON DUTY	0:00	0:00	0:00	32:38	32:38	-	-

Eliminate Cost and Complexity of Compliance

Easy to use

The Samsara solution was designed to be easy to use for drivers, intuitive for dispatchers and fleet managers, and easy to install.

No mobile data fees

Samsara gateways include a built-in WiFi Hotspot, with 500MB of WiFi data included at no extra cost. In addition to the Driver App, hotspot data enables drivers to access electronic work orders, email, and other productivity applications from laptops and tablets.

No costly, proprietary in-cab devices

The Samsara Driver App works on any iOS or Android device. Use tablets that you already own, let drivers use their own devices, or purchase units for as little as \$200.

Beyond ELD

ELD compliance is part of Samsara's complete solution for fleets. With real-time visibility and business-relevant reports, Samsara is built to increase fleet productivity and lower costs.