



Eleos Drive ELD Manual



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Eleos Drive ELD Manual Table of Contents

Introduction	1	Driver	13
Hours of Service Compliance	1	System Requirements	13
		Android and iOS Setup	13
Administrator	2	In-Vehicle Setup	14
Hours of Service — Company Setup	2	Log In	14
Setup (Vehicle)	2	Attach Vehicles and Trailers	15
Setup (Trailer)	3	Shipments	20
Setup (User/Driver)	3	Co-Drivers	20
		Eleos Drive ELD App	
Exemptions	4	Dashboard (UI)	21
		Eleos Drive ELD App — Hours of	
Clearances	4	Service UI	21
HOS-Only Access	5	Status Tab	23
DVIR-Only Access	5	Motion Detected When Driving	
Messaging-Only Access	5	(While Logged In)	25
Driver Assignment	6	Graph Tab	26
Hours of Service — Reports	6	Logs Tab	27
Hours of Service — Duty Status Logs Report	6	Logs Tab — Location Information	28
Editing Logs	8	Logs Tab — Manual Logs	29
Compliance Graph	11	Logs Tab — Carrier suggested edits	30
Compliance Print	11	Logs Tab — Verifying Logs	31
Hours of Service — Violations Report	12	Options Tab	32
Hours of Service — Availability Report	12	Options Tab — Exemptions	32
		Options Tab — Rulesets	32
		Options Tab — Compliance Report	33
		Diagnostic Events and Malfunctions	35
		Logging Out	36
		Complete a DVIR	36
		Verifying Logs	37
		Setting a New Duty Status	38
		Eleos Drive ELD App	
		Settings	38
		Updating the App	38
		Reporting Bugs	38

Introduction

The Eleos Drive ELD is a solution for achieving Hours of Service compliance. It is available for Android and iOS devices.

As part of the greater Cloud ELD Solution, the Eleos Drive ELD App is used together with a telematics device model number as listed on the FMCSA ELD list online, and the Fleet Management Application, MyGeotab (2017-11 release or higher), or white-labelled equivalent, serve as an Electronic Logging Device (ELD) to provide end-to-end compliance with federal regulations.

The content of this manual is divided into a section for drivers and a section for administrators.

Hours of Service Compliance

The Eleos Drive ELD App is currently compliant with FMCSA § 395.20 of 49 CFR Part 395 (ELDs).

As a motor carrier, before using the Eleos Drive ELD App, you must:

- Know your obligation as a motor carrier — FMCSA 395
- Make sure every driver has a copy of the Eleos Drive ELD Manual, Driver's Guide to Data Transfer at Roadside Inspection & the Driver's Guide to Data Diagnostics & Malfunction Events
- Make sure every new driver has reviewed the Eleos Drive ELD App — HOS Driver Instruction Guide & Eleos Drive ELD App — DVIR

Note: The Eleos Drive ELD Manual, Driver's Guide to Data Transfer at Roadside Inspection & the Driver's Guide to Data Diagnostics & Malfunction Events must be kept in the CMV at all times. It must be made available during a roadside inspection in accordance to FMCSA 49 CFR §395.22 (h). Additionally, verify that the driver has a supply of blank records of duty status paper logs sufficient to record the driver's duty status and other related information for the duration of the current trip. Maintain a second (backup) copy of the electronic hours-of-service files, by month, at a different physical location from where the original data is stored — FMCSA 49 CFR § 395.22(i).

The Eleos Drive ELD App:

- Works on a fixed 24-hour period starting at 12 AM
- Supports 2 co-drivers logged in on the same device
- Supports all time zones
- Supports the following rulesets:
 - FMCSA 7-day/8-day
 - California intrastate
 - Florida Intrastate
 - Texas intrastate
 - Canadian Duty 1 & 2 (currently in BETA)
- Supports the following exemptions:
 - Short Haul
 - 16-hour
 - Adverse driving conditions
 - Personal conveyance
 - Yard move
 - Wait at well (for oil-well-servicing drivers)
 - Oil transport
 - Salesperson



Note: All Record of Duty Status (RODS) fields can be edited in the Fleet Management Application. Edited RODS will be permanently identified as having been edited.

Administrator

Hours of Service Compliance

To be compliant with hours of service regulations, you must add your company information to the Fleet Management Application. In the Fleet Management Application, go to **Administration > System... > System Settings**. Fill in the **Company name** and **Company address** fields, then set the **Maximum personal conveyance distance**.

The personal conveyance distance determines the maximum distance that a driver can drive under the Personal Conveyance exemption. Exceeding this distance will disable the exemption and place the driver in the Driving duty status.

Click **Save** to finalize your changes.

You will need to install a Telematics Device in the vehicle that will be used together with the Eleos Drive ELD App. See [here](#) for installation instructions.

Once the device is installed, log in to the Fleet Management Application and select **Vehicles** from the main menu.

Next, click the **Add** button and select **Add vehicle** from the dropdown menu. Fill in the **Serial number** associated with the Telematics Device, and add a **Description** to help you identify the device.

Click **OK** to add the device.

Device	Driver feedback	Groups	Service plan
--------	-----------------	--------	--------------

DEVICE INFO	
Description:	Vehicle
Device type:	Version 7
Serial number:	G7ABC0DEF123
	<div>Current Status and Install Info</div>
Vehicle ID number:	
License plate:	ABC 1234
Odometer:	<div>38473</div> km (Just moments ago)

Once the device has been added, select it from the Vehicles page. On the page that follows, click the More Details button and fill out the following information:

- **License plate:** The license plate information must be filled out to be compliant with Hours of Service regulations.
- **Hours of service:** Set the hours of service option to On. This will enable the generation of duty status logs within the system for hours of service compliance. If set to Automatic, this feature will auto-activate if the system determines that the vehicle is using HOS features.

Once the vehicle is communicating with the Fleet Management Application, verify that the following information is correct:

- Vehicle identification number (VIN)
- Odometer value
- Current engine hours

Setup (Trailer)

Select Engine & Maintenance > Trailers from the main menu, then select the Add button at the top of the page. Enter the desired name for the trailer and any relevant comments. Next, select the groups for this trailer. The trailer will be visible to members of the selected groups and their parent groups. If the driver does not belong to the same group as the trailer or a parent group, the driver will not be able to select the trailer from within the Eleos Drive ELD App.

Setup (User/Driver)

[This section intentionally left blank]

Once the user has logged in and created in MyGeotab, go to the Driver tab:

- Set **This user is a driver** to **Yes**
- Set **Prevent driver access to shared data** to **Yes**

On the **UI Settings** tab, ensure that the following is correctly set up:

- Distance measurement system
- Fuel economy measurement
- Time zone



Note: The time on the mobile device must be set to change automatically.

On the **HOS Settings tab**, configure the following information:

- Ruleset Followed by User
- The exemptions relevant to the driver
- Home terminal
- Home terminal address
- Carrier number
- Yard Move and Personal Conveyance exemptions
- Authority name
- Authority address



Important: The HOS settings above are critical to being compliant. Please make sure that this information is filled out correctly.

Exemptions

By default, drivers only have access to the **Adverse Driving Conditions** exemption through the Eleos Drive ELD App. Additional exemptions must be configured for a driver's account before the driver can use the exemption.

A list of all available exemptions can be found [here](#).

Clearances

Clearances determine the features that users have access to in the Eleos Drive ELD App. You will need to set the clearances of your drivers to match their role. Security **clearances** can be created and modified by clicking the Clearances button above the user list.



The Application has a built-in clearance for users of the Eleos Drive ELD App called the Drive App user clearance. The **Drive App user** clearance will allow the user to access HOS, DVIR, and messaging capabilities.



Note: Using HOS features will incur additional charges if your device is not on the HOS rate plan or above. If you do not want to incur additional charges, remove the Administer HOS Logs and View HOS Logs clearances for the driver.

If you wish to limit the features to which the driver has access to, click on the Drive App user clearance, then click on the **Add Sub-Clearance** button.

A Sub-Clearance is a customized level of access to the application. It can be used to give a user more privileges or fewer privileges based on organizational need. Below are some restricted-access modes for the Eleos Drive ELD App.

HOS-Only Access

Dashboard

John Smith

HOS

OFF

Remove the following clearances:

- Administer DVIR Logs
- View DVIR Logs
- Send Messages
- View Messages

DVIR-Only Access

Dashboard

John Smith

DVIR


NEW INSPECTION

Remove the following clearances:

- Administer HOS Logs
- View HOS Logs
- Send Messages
- View Messages

[This section intentionally left blank].

Ability to Mark DVIRs as Repaired



Mark DVIR logs as repaired

The **Mark DVIR logs as repaired** clearance allows users to certify that repairs have been made for vehicles with defects in their DVIR. If you do not wish particular users to have the clearance to perform this action, create a sub-clearance with this feature disabled.

Driver Assignment

When a driver logs in to the Eleos Drive ELD App and selects a vehicle, they will be assigned to the vehicle. Any trips performed by the driver while they are assigned to a vehicle will be associated with their account. Once a driver has logged out of the Eleos Drive ELD App, they will no longer be assigned to the vehicle.

If an incorrect driver has been associated with a log or if an unidentified HOS log has been generated, you will need to edit the log. See the [Editing Logs](#) section for more information.

Hours of Service — Reports

The Fleet Management Application has a collection of reports to help you understand the duty statuses of the drivers in your fleet. The basic reports available are:

- Duty Status Logs Report
- Violations Report
- Availability Report

These reports are accessible by navigating to **Activity** > **HOS...** from the main menu.

Hours of Service — Duty Status Logs Report

This report allows you to view the records of duty status for any driver in your fleet. Use the **Options** button to filter for specific drivers and time periods.



Note: The date information for HOS logs will appear in the driver's time zone, which may be different from the time zone of the administrator.

Duty Status Logs

Total items 1



Tuesday, June 20, 2017

Time zone: America/New_York



Co-Driver: Jane Doe

Total Driving Distance: 0 km

Status	Time	Location	Trailers	Distance	Duration	Vehicles
--------	------	----------	----------	----------	----------	----------

ON



Continued from previous day

14h 20m

Dispatch 1

Monday, June 19, 2017

Time zone: America/New_York



Co-Driver: Jane Doe

Total Driving Distance: 242 km

Status	Time	Location	Trailers	Distance	Duration	Vehicles
--------	------	----------	----------	----------	----------	----------

ON



Continued from previous day

14h 20m

Dispatch 1



Continued from previous day

13h 2m

Dispatch 1

23/05/2017 20:11:06: Maximum 11-hour driving limit violation

23/05/2017 17:06:55: Driving after more than 8-hour rest limit violation

23/06/2017 23:06:55: Maximum 14-hour workday limit violation

15/06/2017 11:59:40: Maximum 60 hour(s) on duty in 7 days violation

Exemptions used for a particular log are indicated with a small note:

I

05.12.16 13:15

Dispatch 1



Adverse driving conditions

Similarly, hours of service violations are indicated with a red warning:

D

✓ 27.10.16 08:35

ON Oakville

21 km Dispatch 1

27.10.16 08:35:52: Driving after more than 8 hour rest limit

27.10.16 08:35:52: Maximum 14 hour work day limit violation

Ruleset changes are also shown alongside other duty status logs.

I

02/09/2017 14:54



Ruleset changed to USA Property 60-hour/7-day

Unidentified Drivers

You can use the **Unidentified driver** filter from the Options menu to find duty status logs created by unidentified drivers.

OptionsSort by: DateAddCPrintViewPDF

DATE PERIOD

TodayYesterdayThis weekLast weekThis monthLast monthCustom

DISPLAY OPTIONS

DriversSelected: NoneInclude system logsInclude intermediate logs

Search HOS Drivers

Show historicalUnidentified driverJohn SmithJane DoeLeo L.Tom G.

Duty status logs for unidentified drivers provide some information about the trip, like the name of the vehicle and the area where it was driven. You can click on a log to edit it. If you know the driver who was responsible for creating this log, you can associate them with the log.

Duty Status Logs

Total items 295

Monday, March 20, 2017Driver: Unidentified driver

Total Driving Distance: 223 km

View Graph

D	20/03/2017 11:48	2km Office Zone	1 km	Dispatch 1
D	20/03/2017 11:46	Markham	1 km	Dispatch 1
D	20/03/2017 11:40	ON Oakville	3 km	Dispatch 2

Editing Logs

If you are the administrator or possess the required clearance, you can edit a driver’s records of duty status. Generally, logs will not need to be edited if the drivers utilize the editing features within the Eleos Drive ELD App is properly.

However, there will be instances when an administrator can request an edit.

The driver will need to approve the suggested edit from the carrier, within the Eleos Drive ELD App.

Logs waiting to be approved will be highlighted in yellow.

HOS Log Edit ?

This HOS log has a pending edit request.
Any changes will overwrite the existing request.

Date:

08/27/17 11:17:22

08/27/17 14:17:22 in your time zone

Duty Status Logs - John Smith

Total items 6



Driver has different timezone. Report shows all dates in driver's timezone.

Sunday, August 27, 2017

Time zone: America/Los_Angeles

Total Driving Distance: 53.2 km

View Graph

Status	Time	Location	Trailers	Distance	Duration	Vehicles
ON	11:17	ON Oakville			8h 6m	VS2
<div>D</div>	11:00	ON Mississauga		11.2 km	16m 23s	VS2



Editing Multiple Logs

You can use the checkmark button to select multiple logs for editing at the same time.



Filtering Logs for Annotations

Select the **Filter** button to filter logs by those that already have annotations and those needing annotations.

Unassigned Logs

Unassigned logs are created when a vehicle is driven without a driver logged in. Trips made without a logged in user will still be recorded and will have a duty status set automatically. These logs will all be attributed to the built-in **Unidentified driver** user. Drivers who do not claim their trips will not have accurate records of duty status.

You can assign an unassigned log to a driver as follows:

1. Navigate to the Duty Status Logs report (**Activity > HOS... > Duty Status Logs**).
2. Use the **Options** to select the **Unidentified driver** user and an appropriate date range. Click **Apply changes** to run the report.
3. Examine the duty status logs on the page. The location, date, and vehicle name information should provide insight into which driver was responsible for the trip.
4. Select a single log for editing by clicking on it. Alternatively, select multiple logs by using the checkmark

button in the top-right corner and click **Edit selected HOS logs**.

5. If you are editing a single log, enter the name of the correct driver into **Driver** field. If you are editing multiple logs, click the **Replace With** button to open the driver dialog, then enter the name of correct driver into the **Driver** field.
6. Follow the same steps if you need to edit the **Co-driver** field as well.
7. Click **Save** to finalize your changes.

Filter for Unassigned Logs With or Without Annotations

Select the **Filter** dropdown at the top of the page, choose **Without annotations** or **With annotations**.



Unassigned Logs That Cannot Be Claimed

The carrier can choose to leave logs unassigned. However, per § 395.32 (c)(1)(i), the carrier must provide an annotation for any log without an assigned driver.

Example: A carrier uses a number of third-party mechanics for maintenance and repairs. The mechanics do not have credentials to log in to the Eleos Drive ELD App. When moving a vehicle as part of their work, the mechanics will create unassigned logs for the vehicle. Because the mechanics are not part of the organization, they cannot claim the logs. The carrier must annotate these logs with an explanation about the mechanics' work.

Incorrectly Claimed Logs

The Eleos Drive ELD App asks drivers to [claim unassigned logs](#) every time they log in. Sometimes drivers can make a mistake regarding the logs which they have claimed as their own. Claimed logs will affect the record of duty status for a driver. It takes only a few erroneously claimed logs to put a driver in violation of the hours of service.

You can assign incorrectly claimed logs to the appropriate driver as follows:

1. Navigate to the Duty Status Logs report (**Activity > HOS... > Duty Status Logs**).
2. Use the **Options** to select the driver who has incorrectly claimed a log. Click **Apply changes** to run the report.
3. Find the log or logs that have been incorrectly claimed.
4. Select a single log for editing by clicking on it. Alternatively, select multiple logs by using the checkmark button in the top-right corner and click **Edit selected HOS logs**.
5. If you are editing a single log, enter the name of the correct driver into **Driver** field. If you are editing multiple logs, click the **Replace With** button to open the driver dialog, then enter the name of correct driver into the **Driver** field. If you are still in the process of identifying the correct driver, select **Unidentified driver** in the interim and annotate the log.
6. Follow the same steps if you need to edit the **Co-driver** field as well.
7. Click **Save** to finalize your changes.

After Editing a Log

Once a log has been edited, it will be permanently marked with a pencil icon. If you edit a verified log, the log's verified status will disappear and the driver will have to verify the log once more.

Status		Time	Location
ON		13:02	ON Toronto

When a log is edited, modifications to the log can be viewed by selecting the log and scrolling to the bottom of the page. The Modifications list will display any edits made to the log.

Modifications:

Status: ON → D

Driver: Unidentified driver → John Smith

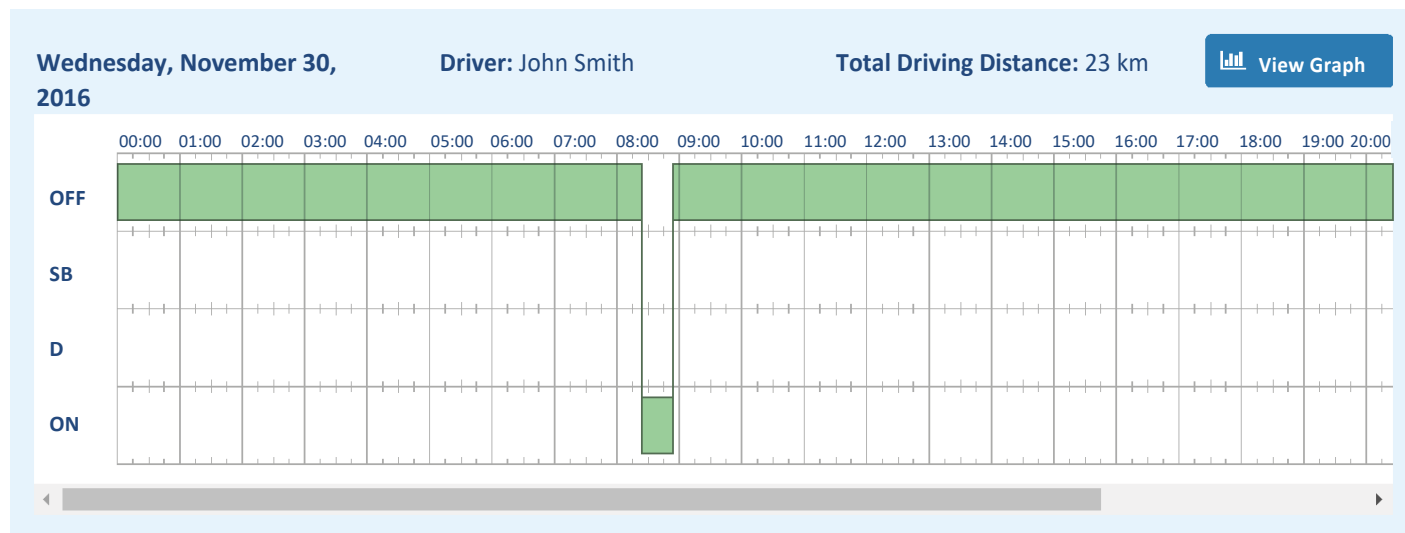
Compliance Graph

You can view the records of duty status for a single day in the form of a 24-hour status graph. Do so by clicking the View Graph button.

 **View Graph**

The bars on the graph are color-coded in the following way:

- **Gray:** Unverified logs
- **Green:** Verified logs
- **Yellow:** Edited logs
- **Red:** Driving in violation of HOS ruleset
- **Striped:** Personal Conveyance or Yard Move exemption



Compliance Print

You can create a print-ready set of logs grouped by day for a driver. This can be done by clicking the **Compliance Print** button from the top menu.

Search...

Options ▼



Sort by: Date

Add

Compliance Print

**Important:**

All logs must be verified before they are submitted to the FMCSA.

To save the compliance print as a PDF, set your browser's printer destination as **Save to PDF**.

Hours of Service — Violations Report

The Violations Report provides a list of all HOS violations that have occurred in your fleet within a selected time period. The report shows the type of violation, when it began, and, if available, when it ended, as well as the total time spent driving in violation.

Hours of Service — Availability Report

The Availability Report provides a list of all drivers in your fleet and their availability and duty limits.

Driver

System Requirements



Android

- Android 4.4 or higher
- 7-inch screen preferred
- Capacitive touch screen preferred
- Built-in cellular modem (3G or LTE) with data connection
- Built-in GPS
- Certified by Google, with access to the Google Play Store preferred



iOS

- iOS 6.0 or higher
- 7-inch screen preferred
- Capacitive touch screen preferred
- Built-in cellular modem (3G or LTE) with data connection
- Built-in GPS
- Certified by Apple, with access to the App Store preferred

[This section intentionally left blank].

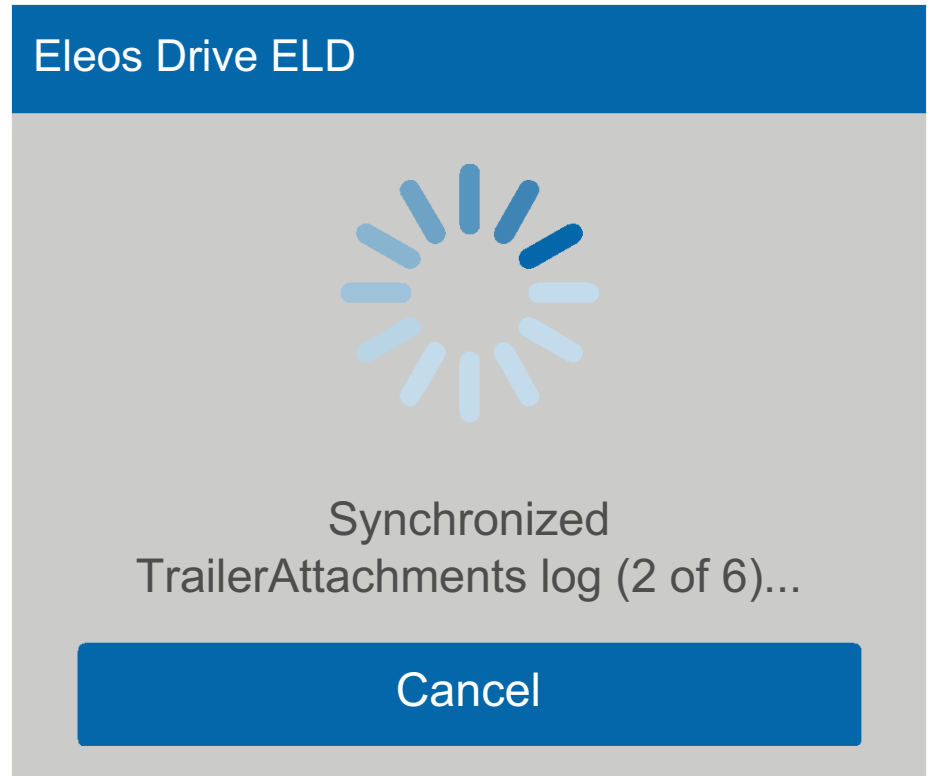
In-Vehicle Setup

Your vehicle will need to be equipped with a Telematics Device, an IOX-USB accessory (optional), and a compatible Android or iOS mobile device. Contact your system administrator for more information.

Log In

When you launch the Eleos Drive ELD and your credentials are confirmed, the system will begin to synchronize your data (including your driver profile, shipment information, HOS logs, and DVIR records) for a brief time before loading the main interface.

Your driver's logs will follow you even when switching between vehicles.



Motion Detected Without Being Logged In

If you begin driving the vehicle without logging in, the Eleos Drive ELD App will display a warning message that will advise you to stop the vehicle and log in.

If you do not log in to the Eleos Drive ELD App, the system will not be able to associate your duty status or other driving events with your account.

Attach Vehicles and Trailers

You will need to attach a vehicle to your account before the duty status and other types of electronic records can be associated with you.

You will be prompted to select your vehicle shortly after logging in.

If you do not have a vehicle available to you at the time, you can press the **No Vehicle** button to continue into the App without an active vehicle.

With no vehicle selected, you will only be able to set their status to On and Off-Duty.

If a vehicle has been previously associated with your account, you will instead see a dialog that allows you to quickly select the last associated vehicle if the vehicle is within the immediate vicinity.

Select Vehicle

Type a name, VIN, serial number, o


☐

Dispatch 1
~ 0.1 km away

☐

Dispatch 2
~ 0.1 km away

Select Vehicle

 **Dispatch 1**

Last used: a day ago

Continue

Select another vehicle

No vehicle

Disassociation from Current Vehicle

In some cases, your usual vehicle may have been claimed by another driver.

If this happens, you will be notified and asked to select another vehicle.

A similar set of dialogs will follow for selecting an appropriate trailer.

If you do not have a trailer to attach, click **Continue** to skip the trailers dialog.

Your current vehicle is no longer assigned to you. It may have been claimed by another driver

Select Trailers



No trailers attached


Continue

Select another trailer

Verify Logs

If you have any unverified logs from earlier driving activity, you will be asked to review and verify them. Use the **Verify** button beside any 24-hour period to verify that period individually, or use the **Verify All Days** button to verify all visible logs. You can also **skip** this step with the Skip button.

Verify Logs

 You have unverified HOS logs. Do you want to verify them before proceeding?

May 12, 2017		0.0km
<div>SB</div>	May 12, 2017 2:11 PM	
	09:49	ON Oakville
<hr/>		
<div>ON</div>	May 12, 2017 10:49 AM	
	03:22	ON Oakville
<hr/>		
<div>Verify All Days</div>		
<div>Skip</div>		

Claiming Unassigned Logs

The Eleos Drive ELD App will create duty status logs even when your vehicle is driven without a user logged in. If this occurs, you will be asked to review and claim the unassigned logs that you believe were created by you.

Claim Unassigned Logs

There are unclaimed logs for this vehicle. Select the logs belonging to you.

<input type="radio"/>	ON	Apr 18, 2017 8:51 AM	ON Oakville 05:57
<input type="radio"/>	D	Apr 18, 2017 8:29 AM	2km SSE ON Milton 00:22
<input type="radio"/>	ON	Apr 17, 2017 8:58 AM	2km SSE ON Milton 05:01
<input type="radio"/>	D	Apr 17, 2017 8:32 AM	ON Oakville 00:26

You can claim logs by selecting all relevant logs and pressing the **Assign to me** button. You can also skip this step with the **Skip** button.

Assign to me

Skip

Note: Claiming unassigned logs belonging to other drivers will cause your Record of Duty Status to be inaccurate.

Driver Vehicle Inspection Report (DVIR)

Finally, you will be asked to perform a DVIR to complete the login process. You can find more information about performing a DVIR in the [Eleos Drive ELD App - Driver's Guide to DVIR & Roadside Inspections](#).

DVIR

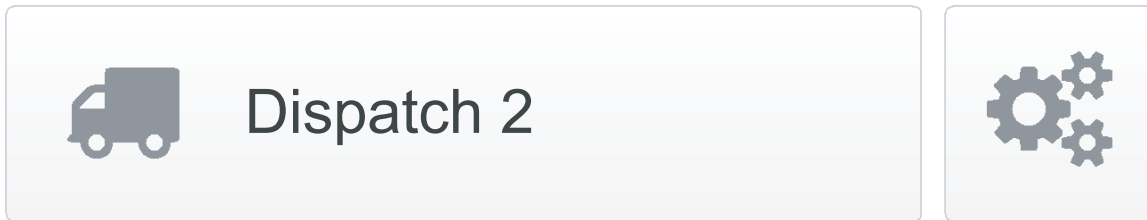
Dispatch 1
Mar 20, 2017 1:49 PM

Inspect

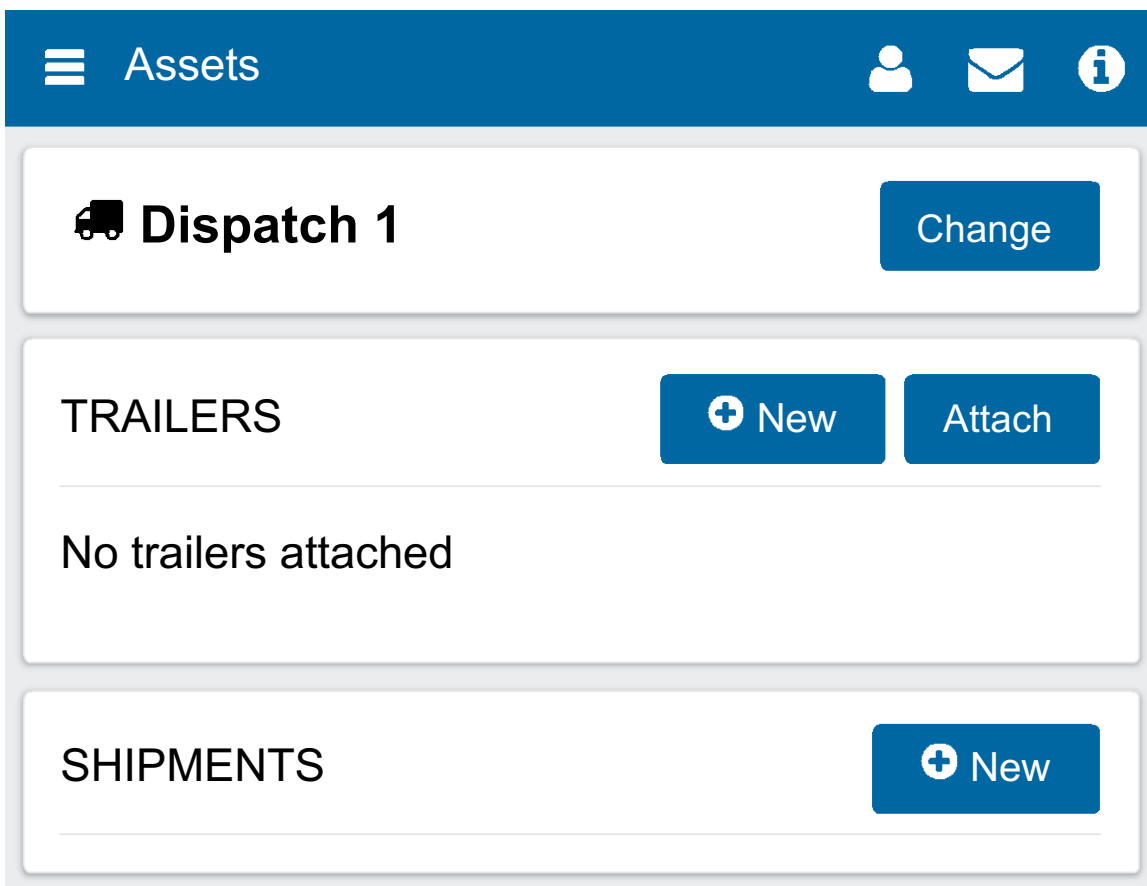
Skip

Manually Selecting Assets

You can also attach vehicles and trailers after initially log. You can do so by pressing the button with the **Vehicle** icon from the **Dashboard**.



From the menu that follows, you'll be able to change your currently associated vehicle, attach and remove trailers, and create new shipments.



The **Change** button allows you to choose which vehicle is associated with the Eleos Drive ELD App.

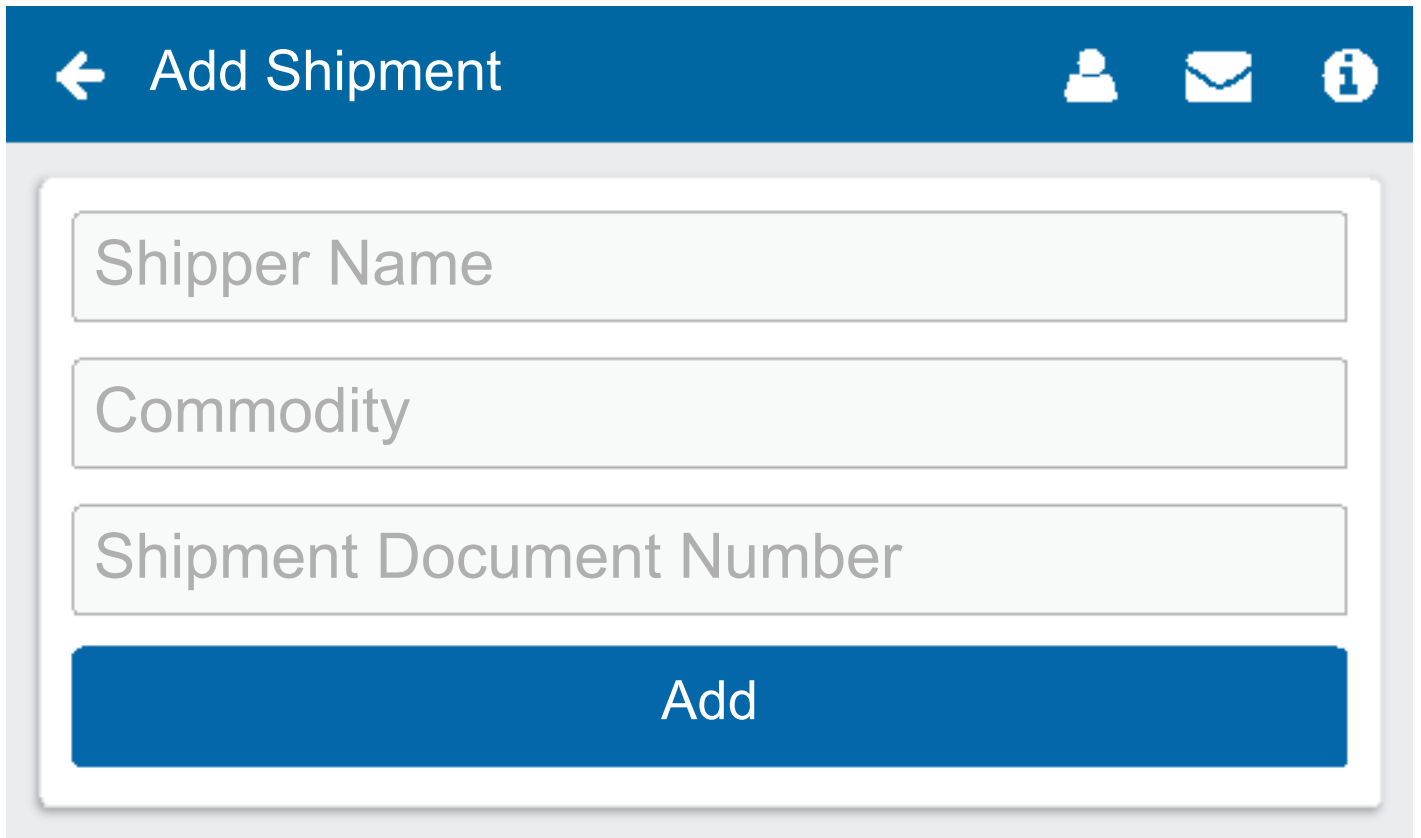
Under the **Trailers** label, you are able to create new trailers with the **New** button or attach existing trailers with the **Attach** button. Similarly, you can detach trailers by clicking the minus sign icon beside an attached trailer.

Shipments

To add shipment information to your log, click the **New** button under the **Shipments** label. You will be prompted with the following dialog:

Shipments

To add shipment information to your log, click the **New** button under the **Shipments** label. You will be prompted with the following dialog:

A dialog box titled "Add Shipment" with a blue header bar. The header bar contains a back arrow icon on the left and three icons (person, envelope, and information) on the right. The main area of the dialog is white and contains three text input fields stacked vertically, labeled "Shipper Name", "Commodity", and "Shipment Document Number". Below these fields is a large blue button labeled "Add".

← Add Shipment

Shipper Name

Commodity

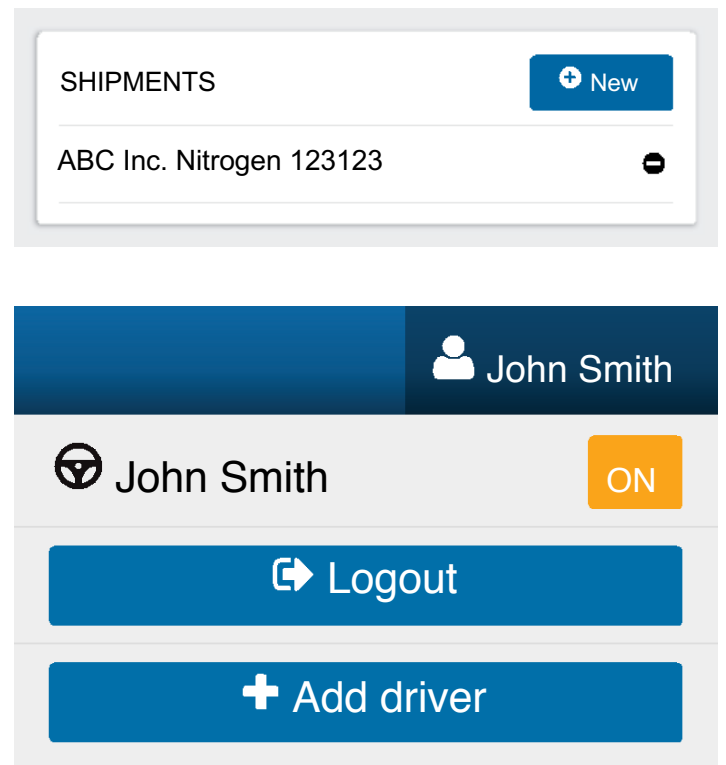
Shipment Document Number

Add

Enter your shipment information and click **Add**. Once completed, you'll see your shipment information on the Assets page. Shipment information will also appear on the Compliance Print made in the Fleet Management Application.

Co-Drivers (with separate stand-alone Geotab Drive app)

Up to three co-drivers can be added to the Geotab Drive App by clicking on the driver's name in the top-right corner of the screen and selecting the **Add driver** button. The co-driver will be prompted to enter their login credentials. Up to three drivers can be added per vehicle.

Two screenshots of the application interface. The top screenshot shows a "SHIPMENTS" section with a "New" button and a list item "ABC Inc. Nitrogen 123123" with a minus icon. The bottom screenshot shows a driver management interface with a header for "John Smith", a "Logout" button, and an "Add driver" button.

SHIPMENTS + New

ABC Inc. Nitrogen 123123 -

John Smith

John Smith ON

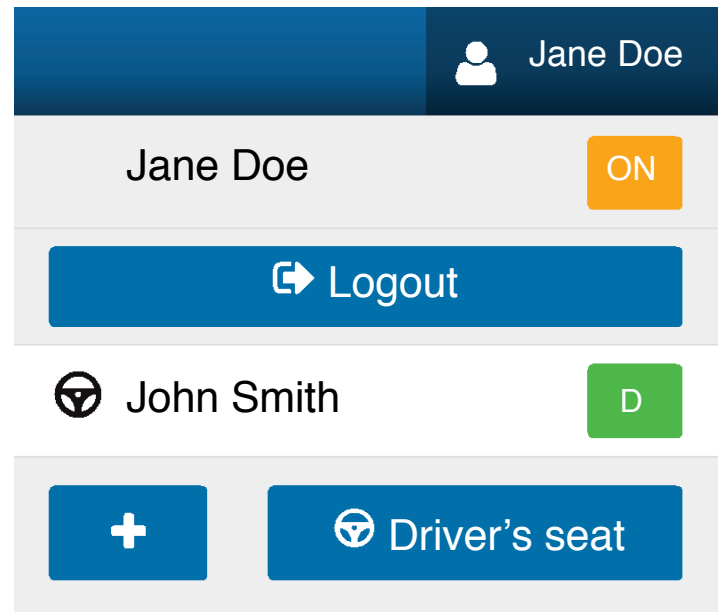
Logout

+ Add driver

Co-Drivers (with embedded Eleos ELD Drive app)

Up to two co-drivers can be added to the Eleos ELD Drive App. When enabled, drivers will see a new “Add team driver” button on the Eleos ELD HOS dashboard card, which will prompt the teammate for their App credentials. After both drivers have logged in, they can switch back and forth within the Geotab Drive interface.

Once logged in, the names of all drivers will be displayed in the user list.



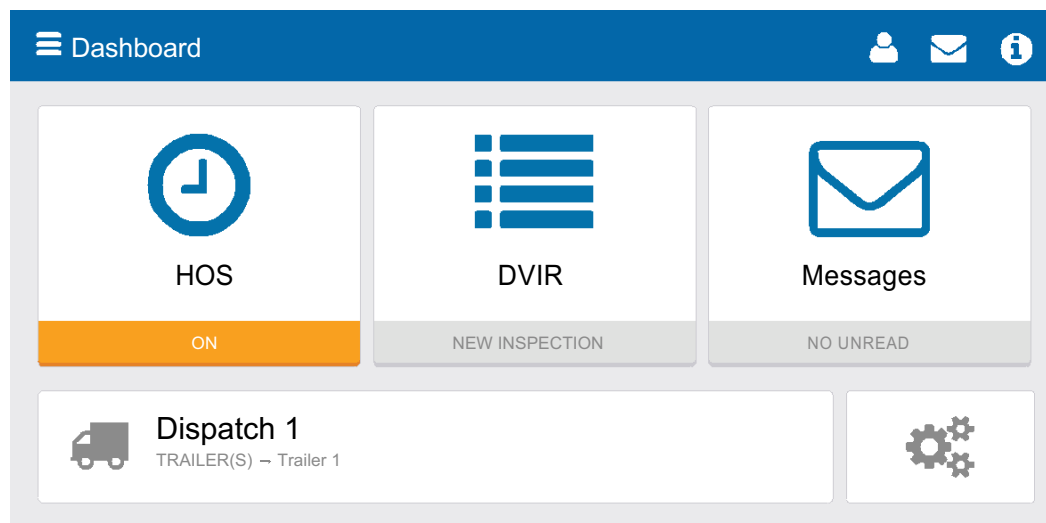
When multiple drivers are logged in, the steering wheel —  — icon will indicate the currently active driver. Use the **Driver's seat** button to switch the active driver.

The active driver will have their duty status change automatically. The co-driver will need to change their status manually through the interface. If the active driver logs out, the co-driver will become the new active driver.

The co-drivers can share the Eleos Drive ELD App interface to adjust their individual duty statuses. To become the active user of the interface, click on your name from the driver list. Once you are the active user, you will see your name appear at the top of the driver list. At this point you can adjust your duty status without affecting the duty status of your co-drivers.

Eleos Drive ELD App Dashboard (UI)

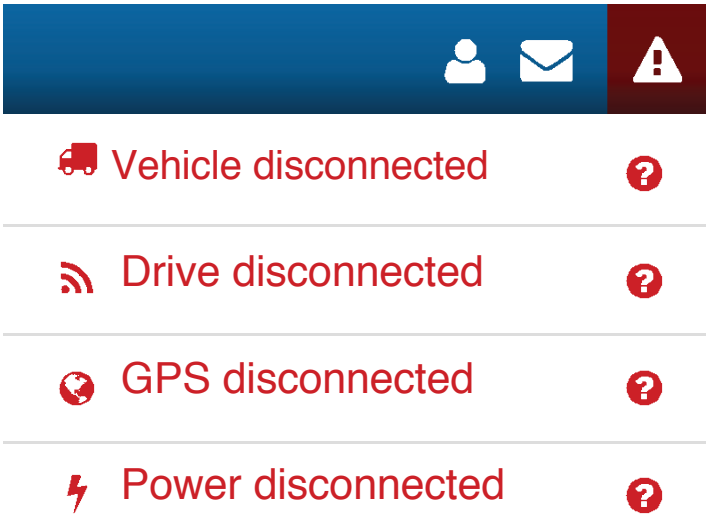
The dashboard is the main interface used for navigating the Eleos Drive ELD App. Your particular dashboard may look different based on your user clearances and the Add-Ins that you have installed.



Information Dialog

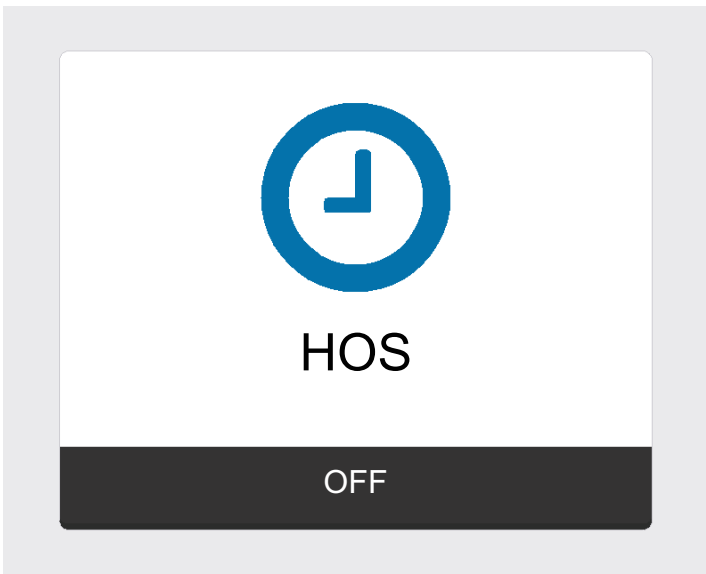
You can check your connectivity status by pressing the information button in the top-right corner of the screen.

When clicked, the red exclamation mark button will provide additional context for your connectivity issue.



Eleos Drive ELD App — Hours of Service UI

The Hours of Service (HOS) UI provides the driver will all the tools necessary for tracking and recording their duty status. It also provides the ability to verify logs and provide information for roadside inspections.



The interface is divided into the Status, Graph, Logs, and Options tabs.

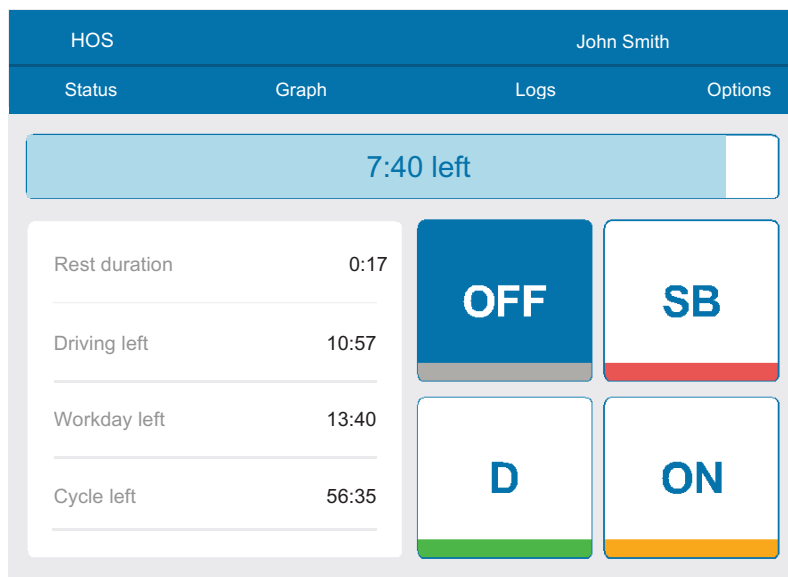


Status Tab

The Status Tab allows drivers to view and set their duty status. Their duty is reflected by one of the four buttons on the screen:

- Off
- Sleeper Berth (SB)
- Drive (D)
- On

The Status Tab shows all remaining durations for a driver's applicable limits.



8:00 left

The blue bar indicates the time remaining before the driver must take a break.



You are in violation. Tap here for more details.

0:00 left

The red bar indicates that the driver has no driving time remaining and must take a break.

Once you begin to drive, your status will automatically switch to **Driving** when the vehicle reaches a speed of 5 mph (8 km/h). Once you stop driving, your status will remain as **Driving** for an additional 5 minutes. Once 5 minutes have passed, your status will switch to **On Duty** and your log will be adjusted to reflect that you were stopped for the last 5 minutes.



Tip: You can manually switch your duty status at any time.

The **Rest in** timer displays the time remaining before the driver must take a break.

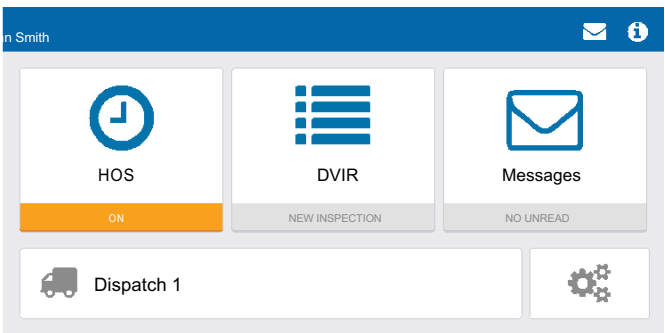
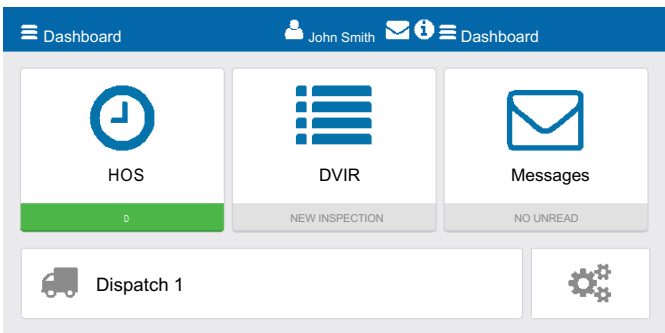
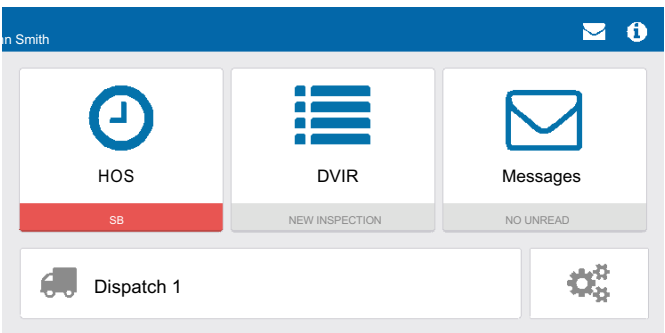
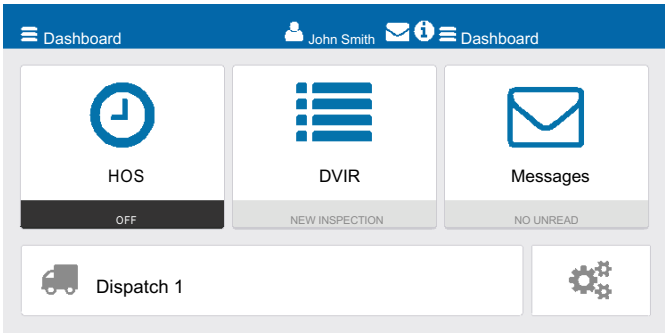
Rest in	8:00
Driving left	11:00

Once the **Rest in** timer reaches 0:00, it will be replaced with a **Rest duration** timer when you go off duty.

The rest duration timer will indicate the time that has passed during the break period.

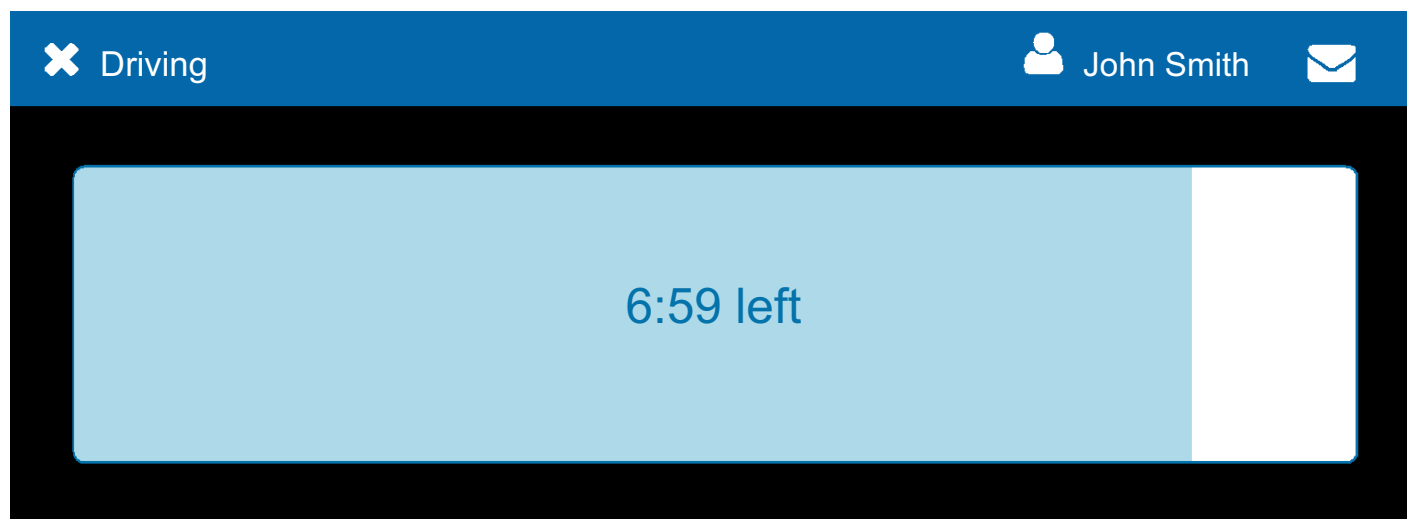
Rest duration	0:03
Driving left	3:00

Your current duty status will be visible from the Dashboard:



Motion Detected When Driving (While Logged In)

When the vehicle begins moving, the interface of the Eleos Drive ELD App will become locked to minimize driver distraction. All extraneous information will be hidden and you will only see the remaining driving time available to you.



If you continue to drive past your available hours, the screen will notify you that you are in violation of your ruleset.

Driving in Violation

The Eleos Drive ELD App will notify you when you are nearing a duty violation 2 hours before the violation, 1 hour before the violation, at 30 minutes before the violation, and right before the violation.

If you switch your duty status to **Drive** after your remaining driving time has run out, you will be notified that doing so will put you in violation of your selected ruleset.

Proceeding to drive after receiving this notification will register a violation in your log.

Upcoming violation for John Smith

0:00 left for 11 hour driving limit
0:00 left for 60 hour cycle on-duty limit
0:00 left for 8 hour rest limit
0:00 left for 14 hour work day limit

Ok

Warning!

Changing your status to "D" will put you in violation of the following rule(s):

- 14 hour work day limit

Cancel

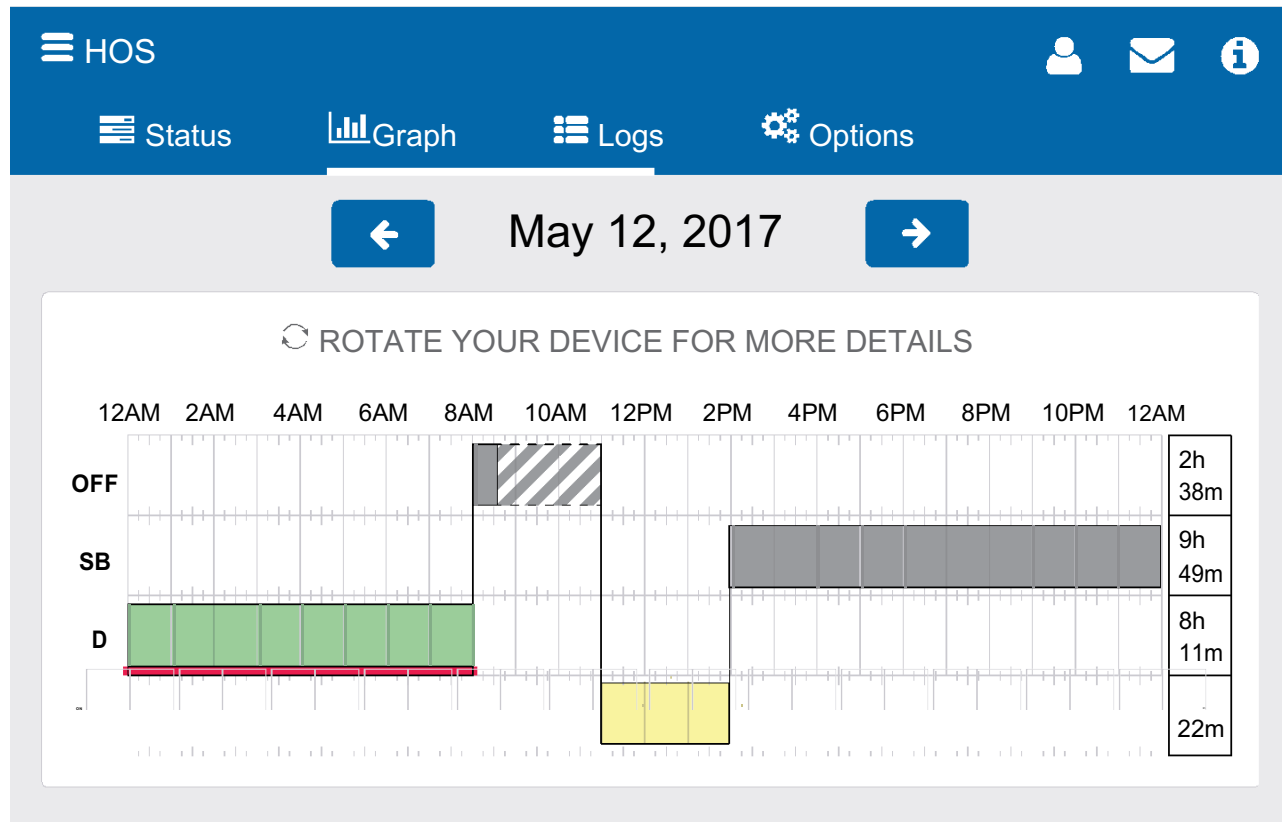
Ok

Graph Tab

The graph tab plots your duty status over a 24-hour period for a given day.

The bars on the graph are color-coded in the following way:

- **Gray:** Unverified logs
- **Green:** Verified logs
- **Yellow:** Edited logs
- **Red:** Driving in violation of HOS ruleset
- **Striped:** Personal Conveyance and/or Yard Moves



Use the arrow buttons to view information for other days.

The total time spent in a particular duty status can be seen to the right of the graph.

Clicking on a log from the graph will show you additional information about the log, including the log's duration and date of creation.

Logs Tab

The Logs Tab displays a list of all records of duty status (RODS) for the past 7 or 8 days, depending on the ruleset.

HOS

John Smith

Status

Graph

Logs

Options

Add log

Mar 9 2017

46.0 km

Verify

<div>D</div>	Mar 9, 9:01 AM	ON Oakville	04:02
<div>OFF</div>	Mar 9, 8:58 AM	ON Oakville	00:03
<div>ON</div>	Mar 9, 8:57 AM	ON Oakville	00:15
<div>SB</div>	Mar 9, 8:56 AM	ON Oakville	00:02
<div>OFF</div>	Continued from previous day		08:56

Total hours on duty:

4:17

The bottom of the page shows the total time spent Driving (D) or On-Duty (ON) over the course of all the records.

Total hours on duty:

30:25

You can click on any individual log to see additional information about it:

The Log page shows additional information about the log, including when and where the log was created.

Annotations can be viewed and added by the driver.

The **Remove** button can be used to delete the currently selected log. Once a log is removed, it cannot be restored.

HOS Log

John Smith

INFORMATION

Status

ON

By

John Smith

Date

June 19, 2017 1:02 PM

Duration

25:32

Vehicle

Dispatch 1

Co-driver(s)

Jane Doe

Address

ON Toronto

Origin

Manual driver log

ANNOTATIONS

Add an annotation...

Save

Remove

Logs Tab — Location Information

Location information is captured by the Telematics Device installed in your vehicle. If for some reason the GPS signal of the telematics device is unavailable, a log created during this period will not have an address associated with it.

!

Dec 5, 1:15PM

Where was this?

Adverse driving conditions

In this case, you'll need to enter location information manually for that log. You can do so by clicking the **Where was this?** button. You'll be prompted to enter the address for where that particular log occurred.

Enter an address

Address or intersection

City

State / Province

Cancel

OK

Logs Tab — Manual Logs

HOS

Status

Graph

Logs

Options

Add log

You can manually create records of duty status by pressing the **Add log** button. Manual logs allow you correct your records of duty status in case you made a mistake.

If you made an error when creating a manual log, you can select the log from the Logs tab and click on the pencil icon — to edit the **INFORMATION** log.

Status

ON

By

John Smith



Note: Only manually-created logs can be edited from within the Eleos Drive ELD App. Logs that were created automatically by the system cannot be altered.

Logs Tab — Carrier suggested edits

Suggested log edits will be shown to the driver on this tab.

HOS

John Smith

Status

Graph

Logs

Options

You must accept or reject logs that have been changed by an administrator before verifying outstanding days or making modifications yourself.

Aug 27, 2017

53.2km Pending request

ON

Aug 27, 2017 11:17 AM

ON Oakville

08:15

Aug 27, 2017 11:00 AM

ON Mississauga

00:16

Drivers can review the suggested edit, and choose to either Accept or Reject it.

HOS Log

John Smith

REQUESTED EDIT

Status

ON

Requested status

OFF

By

John Smith

Date

August 27, 2017 11:17 AM

Duration

08:17

Vehicle

VS2

Address

ON Oakville

Origin

Automatic system log

Accept

Reject

Logs Tab — Verifying Logs

The **Verify** button allows the driver to confirm that the logs recorded by the Eleos Drive ELD App are accurate and valid. The button appears in the summary header of every daily group of logs.

Mar 9 2017

22.4 km

Verify

Clicking the button will bring up the following dialog:

Certify

I hereby certify that my data entries and my record of duty status for this 24-hour period are true and correct.

Cancel

Agree

Once the driver agrees, every log for the selected date will be set to the verified status. Verified logs will have a checkmark beside them, and the Verify button will be replaced with text reading "Verified".

Mar 9 2017		22.4 km	Verified
OFF	Mar 9, 3:30PM	ON Oakville	08:29
D	Mar 9, 9:01PM	ON Oakville	06:29

- Note:** Logs that are left unverified for over 14 days will disappear from the list and will no longer be available to the driver for verification electronically.
- Note:** The driver will be notified of unverified logs when logging out.

Options Tab

The Options Tab lets you change rulesets and apply exemptions; view your personal information; and generate a compliance report for law enforcement officials during roadside inspection.

Options Tab — Exemptions

The Exemptions tab allows you to apply driving exemptions as conditions require them.

Use the buttons beside an exemption to activate it.

By default, the only exemption always available to the driver is the Adverse Driving Conditions exemption.

Other exemptions must be configured for you by your system administrator in the Fleet Management Application.

A full list of all available exceptions can be found in the [Hours of Service Ruleset document](#).

The screenshot shows the 'HOS' (Hours of Service) interface. At the top is a blue navigation bar with a hamburger menu icon, the text 'HOS', and three icons: a person, an envelope, and an information icon. Below the navigation bar are four tabs: 'Status', 'Graph', 'Logs', and 'Options'. The 'Options' tab is selected and highlighted. The main content area is titled 'EXEMPTIONS' and contains a list of four exemptions, each with a corresponding button to its right:

EXEMPTIONS	
Adverse Driving Conditions	Apply today
16-hour Exemption	Apply today
Yard move	Start
Personal use	Start

Options Tab — Rulesets

Your currently active ruleset can be seen under the **Information** label.

The screenshot shows the 'Rulesets' section of the HOS interface. It features two rows, each with a label on the left and a button on the right:

Ruleset	USA Property 60-hour/7-day
Compliance report	Generate

You can change your active ruleset by clicking on the ruleset button, selecting another ruleset from the list, and clicking **Done**. Switching rulesets will automatically adjust your remaining cycle hours. Existing ruleset violations will automatically adjust to reflect only the violations relevant to the new ruleset.

Ruleset changes made by the driver will be visible in the Fleet Management Application.

Options Tab — Compliance Report

If the driver is invited to a roadside inspection by law enforcement, they will need to provide a compliance report to the inspector. A compliance report can be generated by clicking the **Generate** button at the bottom of the Options tab.

Compliance report

Generate



Note: If the driver viewing the Compliance report has their Eleos Drive ELD App language settings set to a non-English language, they will be presented with a button that allows them to quickly toggle the Compliance report into English.

ELD REPORT

Record Date
07-08-17

24-hour Start Time & Zone UTC Offset
Midnight, -4 UTC

ELD ID

Driver Name
Smith, John

Driver License State
MN

Co-Driver Name

Current Odometer
2.4km

Truck Tractor ID
Dispatch 1

Current Geolocation
MN Minneapolis

Exempt Driver Status
No

Driver's Data Diagnostic Status

Miles Today
0.0km

Authority Name/Address
ABC Inc., 123 Main St.,
Minneapolis, MN

Current Date
07-12-17

Carrier
Your Company, INC.

ELD Provider
ELEOS TECHNOLOGIES, INC.

Driver ID
jsmith@abcco.com

Driver License Number
1234567

Co-Driver ID

Current Engine Hours
30 hours

Truck Tractor VIN
1FUVDZYB1VF752816

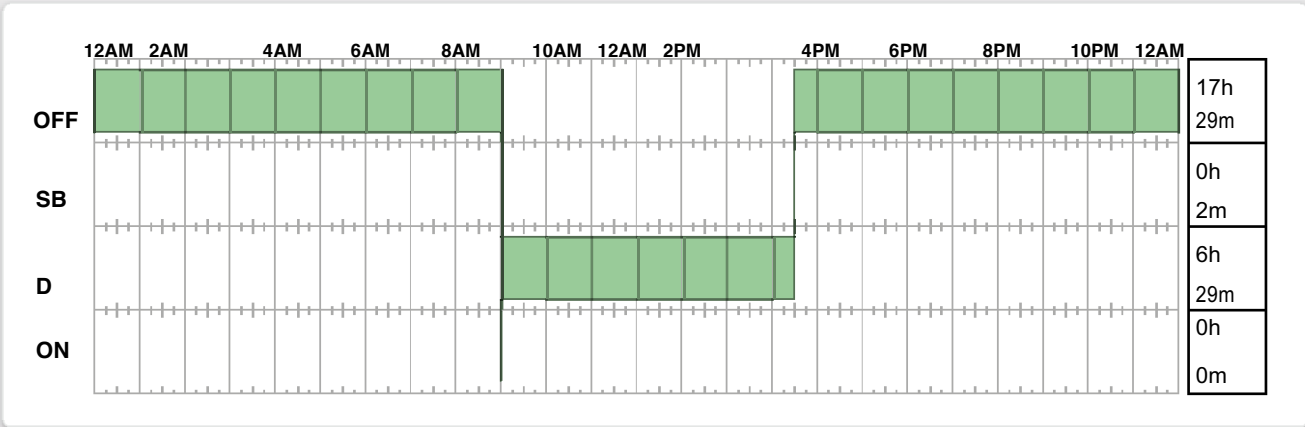
Unidentified Driving Records
No

ELD Malfunction Indicators

Total Hours
24h

Company Name/Address
ABC Inc., 123 Main Street,
Minneapolis, MN, USA, 55111

When a driver applies Personal Conveyance exemption and drives the vehicle, the Compliance report does not count the odometer or engine hours for that duration.



LOGS

Date	Type	Location	Origin	Odometer	Engine Hours
08:56	SB	ON Oakville	Manual	2.4 km	30 h
08:56	SB	ON Oakville	Manual	2.4 km	30 h
08:56	SB	ON Oakville	Manual	2.4 km	30 h
08:56	SB	ON Oakville	Manual	2.4 km	30 h
08:56	SB	ON Oakville	Manual	2.4 km	30 h

Diagnostic Events and Malfunctions

If the Eleos Drive ELD App detects a diagnostic event, or malfunction, the red bar will notify the driver immediately. Pressing the red bar will reveal more details around these events.

Drivers should consult the 1-page document titled: "Eleos Drive - Diagnostics and Malfunctions", which provide details around what to do when these events are created.

Press the "Clear" button once the diagnostic and/or malfunction events have been looked into, and resolved.

HOS

John Smith

Logs

Your Electronic Logging Device is malfunctioning and you may be out of compliance. Tap for details.

Status

Graph

Logs

Options

Malfunction notifications

Aug 24, 2017

0 mi Verified

OND

Continued from previous day

15:44

Aug 23, 2017

14.1 mi Verified

ON

Aug 23, 2017 11:54 AM

ON Oakville

12:05

!

Aug 23, 2017 11:27 AM

Where was this?

Adverse driving conditions

← Malfunction notifications

John Smith

Logs

Your Electronic Logging Device is malfunctioning and you may be out of compliance. Tap for details.

Time

Malfunction Type

Clear all

11 minutes ago

Power

Clear

3 hours ago

Timing

Clear

Just now

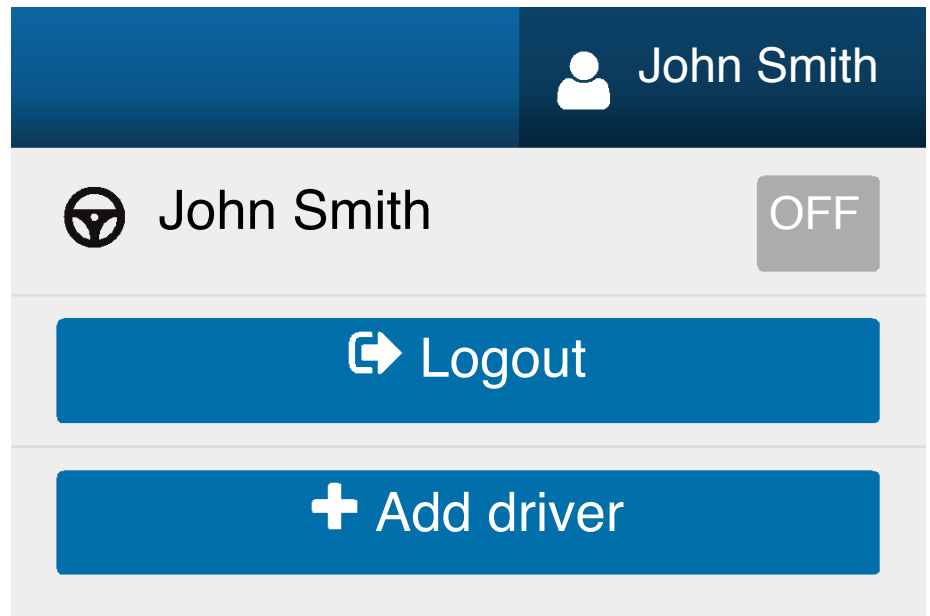
Engine Synchronization

Clear

Logging Out

Logging out of the Eleos Drive ELD App disassociates you from your vehicle. Any trips done in a vehicle while not logged in to the Eleos Drive ELD App will not be identified with you.

You can log out of the Eleos Drive ELD App by clicking your name and selecting Log out from the dropdown menu.



Before logging you out, the Eleos Drive ELD App will ask you to do the following:

- Fill out a DVIR
- Verify your logs
- Set your HOS duty status

Complete a DVIR

You will be asked to complete a DVIR for your vehicle.



Note: According to the FMCSA §396.11, a driver must prepare a DVIR at the completion of each day's work and shall submit those reports to the motor carrier upon his/her return to the home terminal. This does not relieve the motor carrier from the responsibility of effecting repairs and certification of any items listed on the DVIR, prepared at the end of each day's work, that would be likely to affect the safety of the operation of the motor vehicle.

Verifying Logs

You will be presented with 14 days of duty status logs — excluding logs that have already been reviewed — for verification. It is recommended that you verify your logs routinely, particularly at the end of a shift. However, you can skip log verification using the **Skip** button.

Verify Logs

i

You have unverified HOS logs. Do you want to verify them before logging out?

OFF

Dec 20, 1:35PM

ON Oakville

00:47

ON

Dec 19, 2:13PM

ON Oakville

23:23


Manual log.

Eleos Drive ELD Manual

| 37

Setting a New Duty Status

Finally, you will be reminded to set your duty status to an appropriate non-driving status.



You're currently in 'D' status.
Choose a new status before logging out.

☒

OFF

Off Duty

☐

ON

On Duty

☐

SB

Sleeper Berth

Set New Status



Eleos Drive ELD App Settings

The Settings page has basic information about your system, as well as options to change your password and report any bugs.

You can access the Settings page by clicking the gear icon from the Dashboard.

Updating the App

The Eleos Drive ELD App is constantly updated with features and fixes. Generally, the Eleos Drive ELD App should stay up to date on its own; however, in case it doesn't, you can force a manual update using the **Check for updates** button.

Reporting Bugs

If you experience any issues while using the Eleos Drive ELD App, use the **Report a bug** button on the Settings page to file a bug report. Your bug reports help us identify and resolve issues with the App.

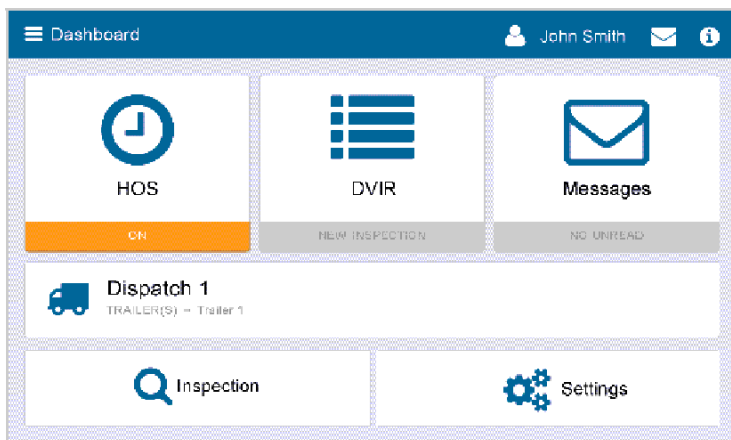


Driver's Guide to Data Transfer at Roadside Inspection

Powered by Eleos



This document must be kept in the Commercial Motor Vehicle (CMV) at all times, and made available during a roadside inspection in accordance to §395.22 (h). The Eleos Drive ELD App supports the telematics transfer, which electronically transfers data to an authorized safety officer on demand via wireless Web Services and Email (Option 1). For more details, see 49 CFR Part 395, Appendix A to Subpart B - Electronic Logging Devices (Section 4.9.1.).



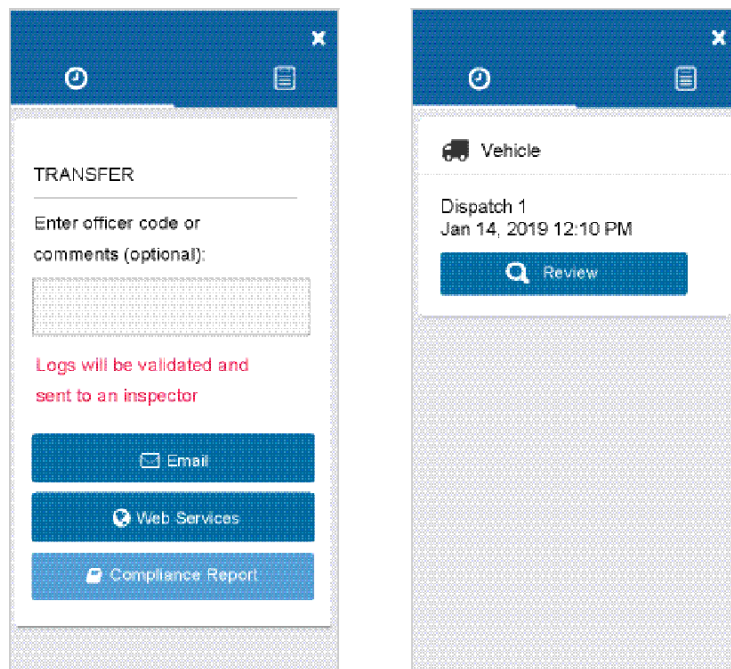
Roadside Inspections

In the event of a roadside inspection:

1. From the Dashboard, select the **Inspection Mode** tab.
2. Do one of the following:
 - a. Enter the code provided by the Officer in the **Comments** field, and select **Email** or **Web Services** to transfer the report.

Note: In the event that both transfer options fail, follow the steps below to display the report on your mobile device.

- b. Select **Compliance Print** to display the report on your mobile device. Use the arrow buttons to move between days. Scroll through each report to display all information for that day.
3. To exit **Inspection Mode**, select the back arrow at top left corner of the screen.
 4. To review the DVIR, select the **DVIR** icon at the top of the screen, and select **Review**. Scroll down and select **View** to see the list of defects used in the inspection.
 5. To exit the **DVIR**, close the defects list and select the back arrow at top left corner of the screen.



Attention

In order to improve our products, Eleos may at any time, and without warning, change the design, presentation, or functionality of the software.