



CalAmp – iOn Hours

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Sign Off

CalAmp

Title	Name	Signature	Date
Partner Name			
Title	Name	Signature	Date
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Change History

This section details what changes have been made in order to prompt a new version of this product specification:

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1 Main Screen

The Hours of Service main screen is where you log your duty status events and which, in turn, determines your compliance with FMCSA Hours of Service Regulations. This screen also serves as your gateway to the rest of the app's features.

		₽ M ⊈ C (]
Vehicle disconnected		Connect X
	B John Doe Jr	ROADSIDE INSPECTION
	AppTruck	OPTIONS
OffDuty *	None	LOGS
Time Remaining	RECAP	DVIR
00:00	START BREAK	SHIFT/CYCLE
Warni	ng: Location Service is currently o	disabled

The main screen also provides essential information about the app's user:

- **Driver Name**: Displays the name of the driver who is logged in and whose logs are displayed.
- Vehicle Name: Displays the driver's vehicle name.
- **Trailer Name**: Display's the driver's trailer name.

Note: Can tap Vehicle and Trailer name to display Switch Vehicle Dialog.

1.1 Using the HOS Action Bar

The HOS Action Bar is the starting point for navigating to the different pages within the app and is always present in the app's topmost portion:



The action bar features the following navigational controls of the app:

Action Tool Name	Action Tool Icon	Description	
Main navigation hamburger	Ш	Tap to open the main navigation menu of the application.	
Refresh Button	C	Tap to manually refresh the data in the app page. Hidden under submenu icon once all icons are present.	



Logout Button	Ð	Tap to log out of the app, this will also set your status to Off Duty. Hidden under icon once all icons are present.
Malfunction Button	Μ	Tap to see uncleared Malfunctions.
Data Diagnostics Button	D	Tap to see uncleared Data Diagnostics. Turns into an accent color (based on the app's theme) if there are new events and turns white when already viewed.
VBUS Connectivity	<u>((-))</u>	Indicates that the device is connected to a VBUS device and turns to when disconnected. Hence, connection interruptions may occur which will turn into flashing icon while in a reconnecting state.
Pending Edit Request Button	P	Tap to display the pending edit request dialog, edit request is from Motor Carrier Edit Suggestions, correction of errors with Team Drivers, and Events logged under Unidentified Driver Profile.
Connect Button	Connect	Tap to display a dialog to Connect to Vehicle's VBUS Device. It has the same capabilities as the VBUS icon

2 Customizing the iOn Hours App Preferences

The app's settings and preferences can be customized in the Hours of Service Preferences screen.

To navigate to this part of the app, select the \equiv icon or swipe the screen to the right to display the main navigation menu, select the **Settings** option and then select the **Hours of Service** option, this will display the Settings screen.



2.1 Hours of Service Settings

2.1.1 Set Hours of Service Preferences

This is where the basic driver, vehicle, carrier and shipping data is entered and stored within the app. The identification data stored here is then used by the app, web portal and in the driver's daily log report.

• After logging in to the app for the first time

When the app is used for the first time, the driver is taken directly to the Main Dashboard after which a Select Equipment dialog box will be displayed requiring the driver to select a vehicle and trailer (if needed).

				D 🛛 C 🕂
Vehicle disconnected				Connect X
	Switch Equi	Leonard Doe Jr.	RO	ADSIDE INSPECTION
OffDuty	Vehicle Nar Trailer Nar	me: Truck1	+ ADD	OPTIONS
Time Remaining	Attached Trailer1 Trailer2	Trailers	×××	LOGS
00:00	MANAGE	CA	INCEL SWITCH	DVIR
		START BREAK		SHIFT/CYCLE

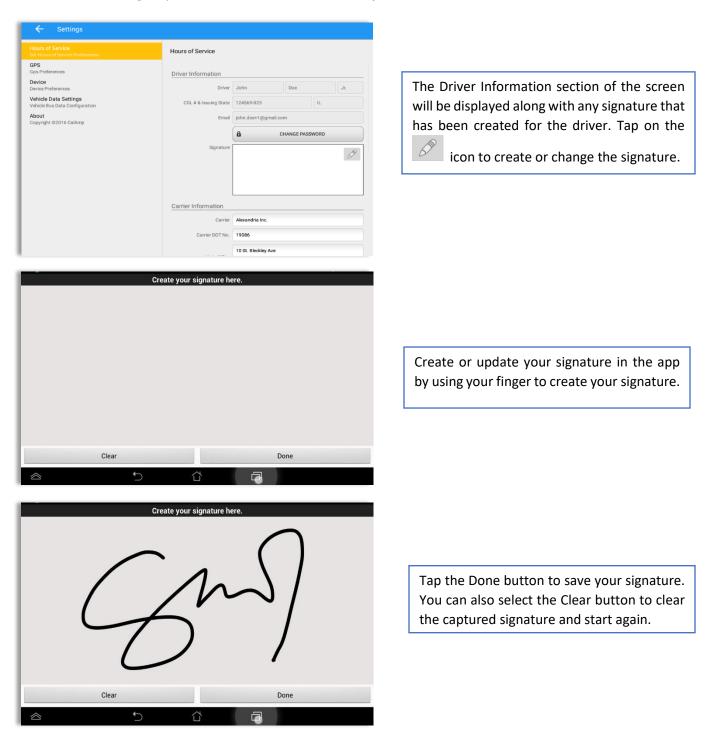
If you are logging in to the device you have logged in to before, the driver can login and logout successfully to the app when an internet connection is not available.

Cal/Amp [•]	E Hours of Service F 👂 👂 🕰 C 🕣
IUn Hours"	Vehicle disconnected Connect X
Unable to connect to the Internet You have limited or no internet connection. Continue without syncing?	B David Jackson Sr. ROADSIDE INSPECTION
LOGIN	OffDuty Vou have limited or no internet connection. Continue without synchrog?
Forgot Password?	RETRY CANCEL YES LOGS
	Time Remaining RECAP DVIR
	00:00 START BREAK SHIFT/CYCLE



2.1.2 Capturing the Driver's Signature

The application can capture the signature of the driver which is then used for digitally certifying a log. To create the driver signature, select the main navigation hamburger \equiv , select the **Settings** option and then select **Hours of Service**:





2.1.3 Customizing the Carrier Information

The carrier information can also be set from within the Hours of Service section (*main navigation hamburger > Settings > Hours of Service*). You can scroll the screen down to the *Carrier Information* section:

← Settings						
Settings						
Hours of Service Set Hours of Service Preferences		Hours of Service				
GPS GPS Preferences		Carrier Information				
Device Device Preferences		Carrier	Carrier Name			
Vehicle Data Settings Vehicle Bus Data Configuration		Carrier DOT No.	Carrier DOT No.			
About		Main Office	Street			
		Main Office	City	State	Zip	
		Phone #	Phone Number	ine Number		
		Home Terminal				
			city state 00000			
		Driving Rules				
		Country	USA		Ŧ	
		Cycle USA	US 70hr8days		-	
		Home Terminal Time Zone	Asia/Manila		Ŧ	
		Start Hour of Day	12 am		Ŧ	
r						
	Enter deta	ils for the followi	ng:			
	Carrier Na					
	Carrier DO	l Number				

Phone Number Home Terminal Details of the driver

Main Office Address

Note: Drivers have the ability to make the Carrier Information and DOT number editable on the mobile device when the Account enabled the 'Allow driver editing of carrier information' which can be seen in the portal->settings->account settings under Carrier Information.

2.1.4 Driving Rules

This is where you change the HOS rules or the Federal Motor Carrier Safety Administration's (FMCSA) regulations that govern the hours that a commercial vehicle driver can legally accumulate driving or being on duty for a motor carrier in a working day and week. This is also where you apply the HOS rules exceptions.



The driving rules can also be set from within the Hours of Service section (*main navigation hamburger > Settings > Hours of Service*). You can scroll the screen down to the *Driving Rules* section:

← Settings				
Hours of Service Set Hours of Service Preferences	Hours of Service			
GPS GPS Preferences	Carrier Information			
Device Device Preferences	Carrier	Carrier Name		
Vehicle Data Settings Vehicle Bus Data Configuration	Carrier DOT No.	Carrier DOT No.		
About	Main Office	Street		
		City	State	Zip
	Phone #	Phone Number		
	Home Terminal	street		
		city	state	00000
	Driving Rules			
	Country	USA		•
	Cycle USA	US 70hr8days		•
	Home Terminal Time Zone	Asia/Manila		*
	Start Hour of Day	12 am		*

Select the appropriate HOS rules that you would like the app to use from the drop down list. You can customize the region, cycle, cargo, exceptions and time zone rules.

<u>Region</u>

This is where you can set the region. The options are USA and Canada. The cycle and exceptions displayed are dependent on which region has been set by the driver.

Note: If the region selected is Canada, then the condition "Canada Off-Duty Deferral" is enabled. This means that you are allowed to get an extra two hours of driving and on duty in a 24 hours period (day 1) and take the required extra two hours off on the following day (day 2). The Deferral status is shown on the Driver's Daily Logs.

<u>Cycle</u>

This is where you can set the consecutive multi-day duty period which the driver will follow. Choosing a cycle will take into effect the corresponding legal limitations on the hours that can be used by the driver in a 7 day or 8 day working cycle.



Available cycle Rules Options

Interstate - Federal Rules

	Cycle	Shift Limit	Drive Limit	Until Break	Break Left
US60hr7days	7 days	14 hours	11 hours	8 hours	30 minutes
US70hr8days	8 days	14 hours	11 hours	8 hours	30 minutes
Alaska70hr7days	7 days	20 hours	15 hours	8 hours	30 minutes
Alaska 80 hr 8 days	8 days	20 hours	15 hours	8 hours	30 minutes
California80hr8days	8 days	16 hours	12 hours	N/A	N/A

Intrastate Cycle Rules

	Cycle	Shift Limit	Drive Limit	Break Limit
Alabama60hr7days	7 days	15 hours	10 hours	N/A
Alabama 70hr8days	8 days	15 hours	10 hours	N/A
Florida 70hr7days	7 days	16 hours	12 hours	N/A
Florida 80hr8days	8 days	16 hours	12 hours	N/A
Illinois 60hr7days	7 days	14 hours	11 hours	N/A
Illinois 70hr8days	8 days	14 hours	11 hours	N/A
Maryland 70hr7days	7 days	16 hours	12 hours	N/A
Maryland 80hr8days	8 days	16 hours	12 hours	N/A
Massachusetts 60hr7days	8 days	14 hours	11 hours	N/A
Massachusetts 70hr8days	8 days	14 hours	11 hours	N/A
Michigan 60hr7days	7 days	14 hours	11 hours	30 minutes
Michigan 70hr8days	7 days	14 hours	11 hours	30 minutes
New Hampshire 60hr7days	7 days	14 hours	11 hours	N/A



New Hampshire 70hr8days	8 days	14 hours	11 hours	N/A
New York 60hr7days	7 days	14 hours	11 hours	N/A
New York 70hr8days	8 days	14 hours	11 hours	N/A
North Carolina 70hr7days	7 days	16 hours	12 hours	N/A
North Carolina 80hr8days	8 days	16 hours	12 hours	N/A
Pennsylvania 60hr7days	7 days	14 hours	11 hours	N/A
Pennsylvania 70hr8days	8 days	14 hours	11 hours	N/A
South Carolina 70hr7days	7 days	16 hours	12 hours	N/A
South Carolina 80hr8days	8 days	16 hours	12 hours	N/A
Tennessee 60hr7days	7 days	14 hours	11 hours	N/A
Tennessee 70hr8days	8 days	14 hours	11 hours	N/A
Texas 70hr7days	7 days	15 hours	12 hours	N/A
Wisconsin 70hr7days	70 days	16 hours	12 hours	30 minutes
Wisconsin 80hr8days	80 days	16 hours	12 hours	30 minutes
Vermont 60hr8days	7 days	14 hours	11 hours	N/A
Vermont 70hrs8days	8 days	14 hours	11 hours	N/A
Virginia 70hr7days	7 days	16 hours	12 hours	N/A
Virginia 80hr8days	8 days	16 hours	12 hours	N/A

Canada Cycle Rules

	Cycle	Shift Limit	Drive Limit	Break Limit
Canada 70hr7days South	7 days	16 hours	13 hours	30 minutes
Canada 120hr14days South	7 days	16 hours	13 hours	30 minutes
Canada 80hr7days North	7 days	20 hours	15 hours	30 minutes



Canada 120hr14days North	7 days	20 hours	15 hours	30 minutes
Alberta Province		15 hours	13 hours	30 minutes

	Hours of Service	
GPS GPS Preferences	Driving Rules	
Vehicle Data Settings Vehicle Bus Data Configuration	Country USA	*
Privacy Privacy Policy	Cycle USA US 70hr8days	
About	Home Terminal Time Zone Alaska 70hr7days	
Device Device Preferences	Start Hour of Day Alaska 80hr8days	
	Cargo Alabama 60hr7days	
	Switch to Intrastate rules when r Alabama 70hr8days Use 34 Hour	
	Use Canada Off Duty California 80hr8days	
	Florida 70hr7days	
	Other Florida 80hr8days	
	Lock Screen Style Illinois 60hr7days	
	Mode Illinois 70hr8days	

Any of the above cycle rules are depending on the region selected and can be applied given the appropriate rule from the region drop down list.

• Intrastate to Interstate driving rules

If the driver is operating in intrastate mode and is crossing over a state line then the app automatically switches to federal rules. A dialog will display confirming that the driving rules have changed right after crossing boundaries.

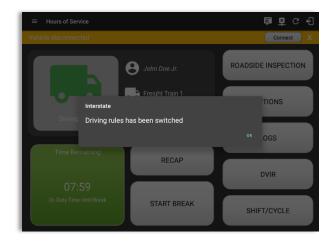


Example:

SouthCarolina80hr8days to US70hr8days

or

SouthCarolina70hr7days to US60hr7days

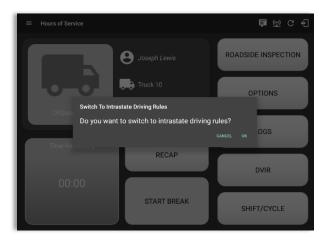


• Interstate to Intrastate driving rules

The driver must also follow the Federal HOS regulations for a short period of time while operating in interstate commerce. If the driver were using the 60-hour/7-day schedule, he must follow the Federal HOS regulations for the next 7 days having done operating in interstate commerce. If you were using the 70-hour/8-day schedule, you must follow the Federal hours-of-service regulations for the next 8 days after you finish operating in interstate commerce.

Note:

To perform intrastate check, enable the option available in the Settings > HOS Preferences (however this check is optional). The user has the ability to whether or not perform to the checking.



Also, it is important for the driver to monitor the cycle used for the past 7 or 8 days.

<u>Cargo</u>

This will set the applicable Hours of Service rules for property carrying or passenger carrying commercial vehicles.



Available Cargo Rules Options

- Property the 11 and 14 hours rule will apply.
- Passenger the 10 and 15 hours rule will apply.

	Hours of Service	
GPS GPS Preferences	Driving Rules	
Device Device Preferences	Country USA	
Vehicle Data Settings Vehicle Bus Data Configuration	Cycle USA US 70hr8days	
About	Home Terminal Time Zone Asia/Manila	
	Start Hour of Day 12 am	
	Cargo Property	
	Switch to Intrastate rules when { Passenger	
	Use 34 Hour Use Canada Off Duty Deferral	
	Exceptions	
	Lock Screen Style Remaining to violation	0
	Mode ELD - Regulation 395.20	
	PDF Report Email recipient@domain.com	

Exceptions

The options that appear when tapping the *Exceptions* button will allow the driver to avail of exceptions from the Hours of Service rules for as long as certain conditions are met as stipulated the Hours of Service section of the Code of Federal Regulations (49 CFR Part 395.1-Hours of Service of Drivers-Scope of rules in this part) and other pertinent FMCSA regulations.

Available US Exceptions Options

- 2 Hour Driving Extension for Adverse Driving Conditions
- Relief from all driving rules for Emergency Conditions
- Oilfield Operations with 24 hour restart
- 30 Minute Break Exemption for Short-Haul Drivers
- No Logs for Short-haul Drivers operating within 100 air miles or Non-CDL-Drivers operating within 150 air miles
- 24 Hour Restart for Construction, Groundwater well-drilling
- 16 Hour Driving Window

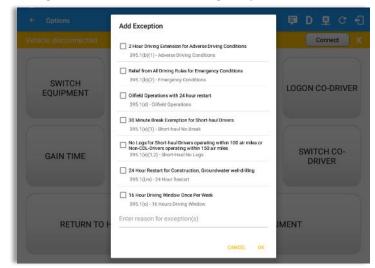


Note: '16 Hour Driving Window' exception can only be used once for the last 7 days or in every 70hr cycle, if the driver attempted to enable the exception an error dialog will display stating the following:

Error	
The "16 Hour Driving Window Once Per Week" exception already used in the current cycle.	is
	ок

However, it is possible for the driver to add another '16 Hour Driving Window' exception when a cycle reset has occurred. Nevertheless the driver will need to wait for the current cycle to end to be able to add the exception again.

- Utility Service Vehicle
- 30 Minute Break Exemption for Specialized Carriers & Rigging Association (SC&RA)
- Agricultural Operations
- Transport of Commercial Bees, Livestock
- Hi-rail 2 hour travel exclusion 395.1(w)
- Driver salesperson 395.1(c)
- Relief from Driving rules for State of Emergency 390.23



Select the appropriate exception from the list; you must then enter a reason for applying the exception in the Enter reason for exception(s) field. Once complete, select the **OK** option to apply the selected exception *Note: Exceptions are different depending on the Region selected.*



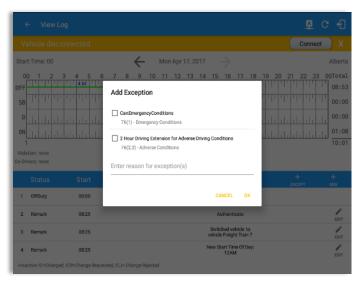
Available Canada Exceptions Options

- 2 Hour Driving Extension Special Permit
- Oil Well Service permit
- CanEmergencyConditions
- 2 Hour Driving Extension for Adverse Driving Conditions
- No Logs for drivers operating within 160km of home terminal

← Options		ÞDv c 6
Vehicle disconnected	Add Exception	Connect X
SWITCH EQUIPMENT	Hour Driving Extension Special Permit 62 - 2 Hour Driving Extension Permit Oil Well Service Permit 63 - 01 Well Service Permit	LOGON CO-DRIVER
GAIN TIME	CanEmergencyConditions 76(1) - Emergency Conditions 2 Hour Driving Extension for Adverse Driving Conditions 76(2,3) - Adverse Conditions No logs for drivers operating within 160km of home terminal 81 - No Logs	SWITCH CO- DRIVER
RETURN TO H	Enter reason for exception(s)	IMENT

Available Alberta Province Exceptions Options

- CanEmergencyConditions
- 2 Hour Driving Extension for Adverse Driving Conditions





<u>Time Zone</u>

← Settings		
Hours of Service Set Hours of Service Preferences	Hours of Service	
GPS GPS Preferences	Driving Rules	
Device Device Preferences	Country	USA 👻
Vehicle Data Settings Vehicle Bus Data Configuration	Cycle USA	US 70hr8days 👻
About	Home Terminal Time Zone	Canada/Newfoundland
	Start Hour of Day	Atlantic
	Cargo	Eastern (EST5EDT)
	Switch to Intrastate rules when	Central (CST6CDT)
	Use Canada Off Duty	
		Pacific (PST8PDT)
	Other	America/Anchorage
	Lock Screen Style	Asia/Manila
	Mode	ELD - Regulation 395.20 👻
	PDF Report Email	recipient@domain.com

Select the driver's Home Terminal time zone. Time zones available are: America/Anchorage Eastern Time (EST5EDT) Central Time (CST6CDT) Mountain Time (MST7MDT) Pacific Time (PST8PDT) Canada/Newfoundland Asia/Manila Atlantic

PDF Report Email Recipients

You can set the default recipients of your Driver Daily Log PDF report in the part of the Settings Menu.

	Hours of Service	
GPS GPS Preferences	Driving Rules	
Device Device Preferences	Country USA	
Vehicle Data Settings Vehicle Bus Data Configuration	Cycle USA US 70hr8days	-
About	Home Terminal Time Zone Asia/Manila	
	Start Hour of Day 12 am	
	Cargo Property	
	Switch to Intrastate rules when possible	
	Use 34 Hour Restart	
	Use Canada Off Duty Deferral	
	Exceptions	
	Other	
	Lock Screen Style Remaining to violation	
	Mode ELD - Regulation 395.20	-

Enter the email address or addresses that will become a recipient or recipients of the iOn Hours app's Daily Driver Log PDF report.

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The email addresses must be separated by a comma (,).



<u>Mode</u>

A mode option to switch between 395.15 (AOBRD) and 395.20 (ELD) support is available. When 395.15 (AOBRD) mode is selected it turns off all 395.20 (ELD) features. It simply records the drivers' events regardless of the FMCSA rules.

← Settings		
Hours of Service Set Hours of Service Preferences	Hours of Service	
GPS GPS Preferences	Driving Rules	
Device Device Preferences	Country USA	-
Vehicle Data Settings Vehicle Bus Data Configuration	Cycle USA US 70hr8days	*
About	Home Terminal Time Zone Asia/Manila	*
	Start Hour of Day 12 am	-
	Cargo Property	*
	Switch to Intrastate rules when possible	
	Use 34 Hour Restart 🦷 🦲	
	Use Canada Off Duty Deferral	
	Exceptions	
	Other	
	Lock Screen Style Remaining to violation	*
	Mode ELD - Regulation 395.20	
	PDF Report Email AOBRD - Regulation 395.15	

When in AOBRD mode, disable the data transfer button in the Options screen and changed the button to 'Email Logs' in the Roadside Inspection screen.

Onnect	<u>a</u> :				
Connect					
Connect	x				
iys.					
	C G	oogle Calendar			
		- Options			₽ D M ⊈
ys.		SWITCH EQUIPMENT	SHIPPING DOCS	REMARK	LOGON CO-DRIVE
		GAIN TIME	EXCEPTION		SWITCH CO- DRIVER
		RETURN TO	HOS SCREEN	DOCU	MENT
		i Ga	rs. Conge Calendar ← Options SWITCH EQUIPMENT GAIN TIME	rs. Compared adventation Switch EQUIPMENT SHIPPING DOCS GAIN TIME EXCEPTION RETURN TO HOS SCREEN	SWITCH EQUIPMENT SHIPPING DOCS REMARK GAIN TIME EXCEPTION



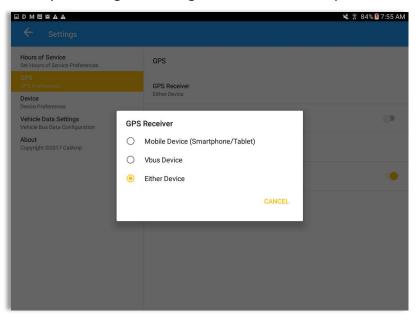
Lock Screen Type

The user has the ability to control the lock screen display. There are two (2) types available: new 'Remaining to violation' lock screen or the old '4 clocks' lock screen.

← Settings	
Hours of Service Set Hours of Service Preferences	Hours of Service
GPS GPS Preferences	Driving Rules
Device Device Preferences	Country USA 👻
Vehicle Data Settings Vehicle Bus Data Configuration	Cycle USA US 70hr8days 👻
About	Home Terminal Time Zone Asia/Manila -
	Start Hour of Day 12 am 💌
	Cargo Property -
	Switch to Intrastate rules when possible
	Use 34 Hour Restart
	Use Canada Off Duty Deferral
	Exceptions
	Other
	Lock Screen Style Remaining to violation
	Mode 4 Clocks
	PDF Report Email recipient@domain.com

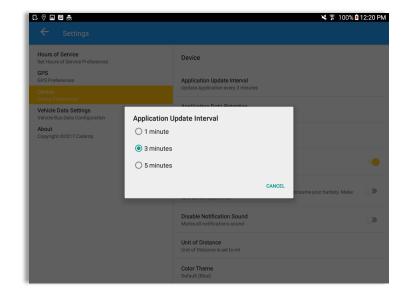
2.2 GPS Preferences

The user has the ability to change how to get the devices' GPS positions.





2.3 Device Preferences **Application Update Interval**



Updates application every 3 minutes (or depending on the choice of the driver).

Unit of Distance

Setting the default unit of measures.

Application Data Re Unit of Distance	tention
Mi	۲
Km	0
Cancel	

Disable Notification Sound

The application has a Mute button to silence all sounds that could come from the application. Also, the ELD rules state that all application sounds should be muted during Sleeper status. However, the mobile device should not be muted so that sound will be available for phone calls.

Disable Notification Sound	
Mutes all notifications sound	

Note: When the current status is Sleeper Berth, it automatically mutes the application sound.



Color Theme

Displays option for selecting Color Theme.

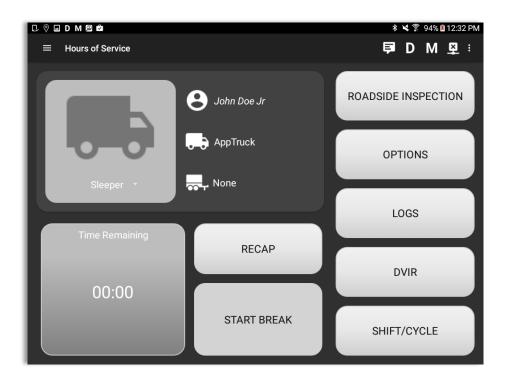
Select a Color Theme	
Default (Blue)	۲
9 Monochrome	\bigcirc
Teal	0
Green	0
Orange	\bigcirc
Blue Grey	0
Purple	0
Cancel	

\equiv Hours of Service	C f
\equiv Hours of Service	G f
\equiv Hours of Service	C f
\equiv Hours of Service	C +1
\equiv Hours of Service	C f
\equiv Hours of Service	G f
\equiv Hours of Service	C f



Night Theme

By default, the application automatically changes to a night theme based on the sunset time calculated from the device's location. If location is not available, the local time of the device is used.

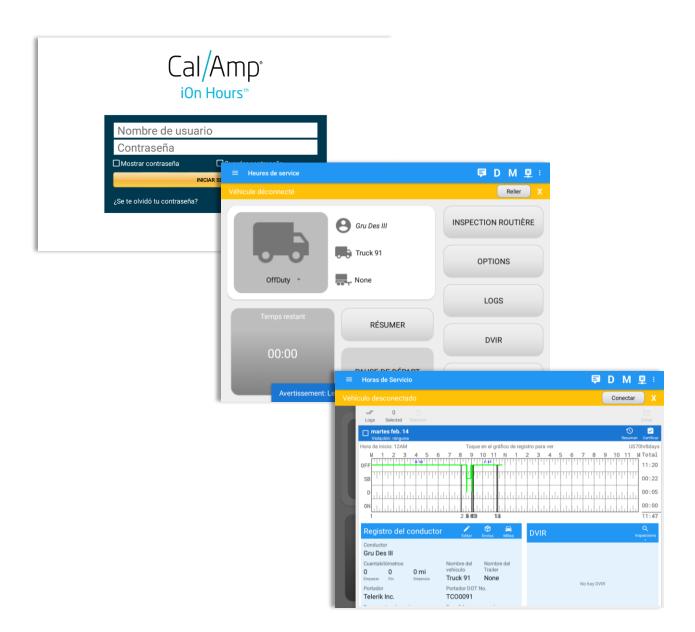




Language Support

The application supports language translation for French-Canadian (Francais (Canada)) and Spanish (Español (Estados Unidos)).

Note: To enable the translation, go to the **Android Device Settings** > **Language and Input** > **Language**. Select between the supported language and the translation will take effect immediately.





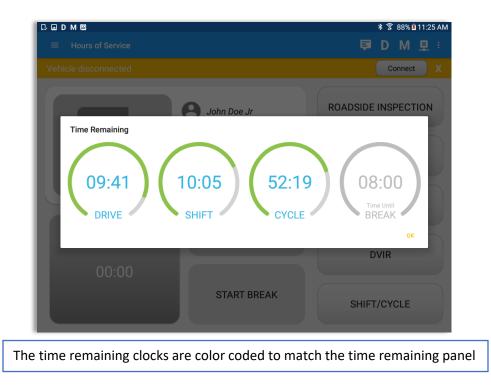
3 Familiarizing the Hours of Service Main Screen Tiles

3.1 Time Remaining Tile

When the time remaining tile displays a grey color, it indicates that the driver is Off Duty, Sleeper or Waiting at Well Site; when the tile displays a green color, it indicates that the driver's status is Driving or On Duty; when the tile displays an amber color, it indicates that the driver's status is Driving or On Duty and has less than 3 hours left; when the tile displays a red color, it indicates that the driver's status is Driving or On Duty and has less than 1 hour left or has already ran out of time.







Tap the time remaining panel to view the Time Remaining Clocks.

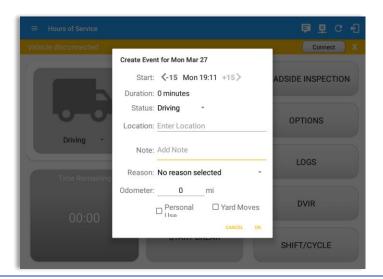
3.2 Changing the Driver's Duty Status

To change the duty status of the driver, tap the Duty Status button and select the appropriate driver duty status from the drop down list.

Available Duty Status Options

Duty Status Icon	Duty Status	Duty Status Icon	Duty Status
Off Duty -	Off Duty	OnDuty ND -	On Duty
Sleeper ·	Sleeper Berth	WELL SITE -	Waiting at Site
Driving -	Driving		





Selecting a status from the drop down list will show the *Create Event* pop up dialog. You can adjust the duration of the duty status event by tapping the Previous 15 minutes Time Interval button to increase the time duration and the Next 15 minutes Time Interval button to decrease the time duration. However, these buttons are disabled prevent time from going before or after the current day. (eg. 12:00AM – 11:59PM).

- If personal use is enabled, the status will be set to Off Duty automatically and will disable the other checkboxes. Selection of this option will be recorded within the events history.
- If Yard moves is enabled, the status will be set to On Duty automatically and will disable the other checkboxes. Selection of this option will be recorded within the events history.

Note: all options are enabled in all events.

Note: Attempt to create a new event such as Off Duty, On Duty, Sleeper Berth in the middle of an automatically Driving event is not allowed, instead an error dialog is displayed stating "Error: shortening of prior driving event is not allowed. Select a time before or after the driving event."

When the app is able to obtain a valid GPS fix, the *Location* field will be automatically populated with the current location information of the user. If there is no GPS fix, the *Location* field will remain blank, in this instance; you must manually input the relevant details.

Once all relevant details have been entered and the correct duty status selected, tap the **OK** button to save the new duty status event. You can also select the **Cancel** button to cancel adding the selected duty status.

Changing the status to On Duty or Driving also enables the options for '**Personal Use**' and 'Off Road'. Personal Use is mentioned in the FMCSA's Supplemental Proposal, which was



published on March 28, 2014, that mandates ELDs for most drivers of CMVs that currently log. The proposal says that ELDs may be set up to allow drivers to put themselves in a special driving category called "personal use." When a driver selects this option, the ELD will record the time as off duty until the driver de-selects the option. **Off Road**, on the other hand, means that the vehicle is running on rough terrain. Lastly, **Yard Moves**, has been established under a mandate which allows a driver or another personnel to perform duties like moving trucks around the home yard by establishing a single set of thresholds for all ELDs in an On Duty, not Driving status without triggering the device by reaching the thresholds.

Hours of Service	Recap Day Thu Fri	Date Jan 05 Jan 06	Hours worked 00:00 00:00	D M P :	recap inform	nation fo	to bring up the or the specified sponding cycle
	Sat Sun	Jan 07 Jan 08	00:00	OPTIONS			
Driving *	Mon	Jan 09	00:00		сар		PDM ₽:
	Tue	Jan 10	00:00	Th	533 MDC	00:00	
Time Remaining	Wed	Jan 11	16:00	Fri	Jan 06	00:00	ADSIDE INSPECTION
	Thu	Jan 12	00:07	Sa	t Jan 07	00:00	
08:00	Total hou	urs last 8 days	16:07	Su	n Jan 08	00:00	
Drive Time Until Brea		ailable today	52:16	м	on Jan 09	00:00	OPTIONS
				Sł Driving - Tu	e Jan 10	00:00	
	_		OK	W	ed Jan 11	16:00	LOGS
				Time Remaining	u Jan 12	00:07	
				То	tal hours last 8 days	16:07	
					ours available today	52:16	DVIR
					ours worked today	01:34	
				Drive Time Until Brea	ours available tomorrow	52:16	SHIFT/CYCLE
						ок	Sim Porote

3.3 Recap

3.4 Start Break

The *Start Break* button will be disabled when the duty status is *Off Duty, Sleeper Berth* or *Waiting at Well Site*.

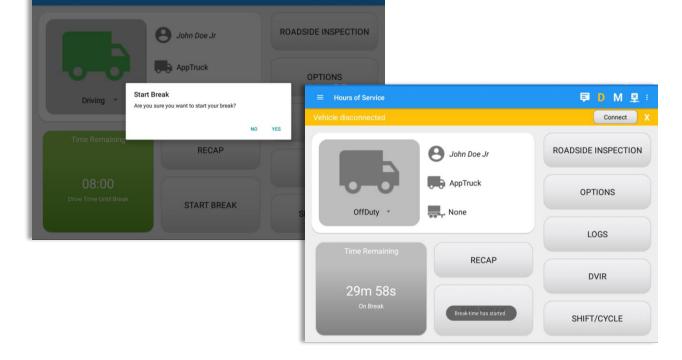
The *Start Break* button will be enabled when the duty status is *On Duty* or *Driving*. Once you tap the *Start Break* button, a pop up dialog will be displayed asking you to confirm that you wish to start your break.



- If the 'Start Break' button is pressed, then:
 - It sets the status to OffDuty
 - The 'Start Break' button turns to 'End Break'
 - The Time remaining button turns to On Break and the second line shows "time remaining 00:00"
- > If the 'End Break' button is pressed, then:
 - It sets the status to 'On Duty' (if the vehicle is not moving) or 'Driving' (if the vehicle is moving)



Note: An audible alert activated when 30 minute break is over.



3.5 Data Transfer

Selecting the *Data Transfer* button from the *Options Screen* will display the list of supported data transfer options.

The ELD provides a standardized single-step compilation for the driver's ELD records and initiation of the data transfer to authorized safety officials when requested during a roadside inspection.



C □ D M 🖻 ← Options			* 🕯 88% 🕯 11:25 AM ₽ D M 🖳 :
SWITCH EQUIPMENT	SHIPPING DOCS	REMARK	LOGON CO-DRIVER
GAIN TIME	EXCEPTION	DATA TRANSFER	SWITCH CO- DRIVER
RETURN TO	HOS SCREEN	DOCU	IMENT

Tap the **Data Transfer** button to transfer data of the compilation of the driver's ELD records. Once tapped, a selection of the supported data transfer options by the ELD will prompt to the user.

Data Transfer via	
Select Vehicle: All Vehicles	
🛞 Bluetooth	
USB	
M Email	
	CANCEL

• **Select Vehicle** - this option enables the ELD to produce a data file or a series of data files of ELD records for a subset of its vehicles used by the driver.

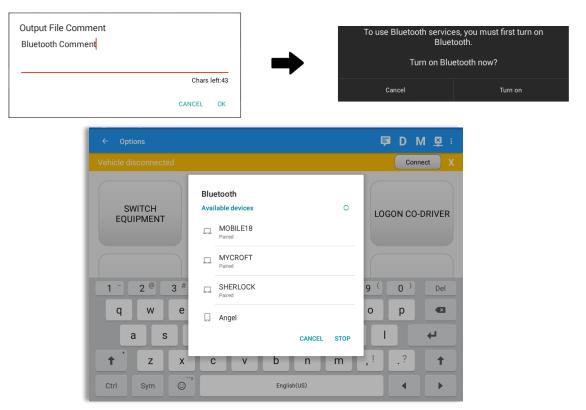
Tap the *Select Vehicle* menu to show the list of vehicles used by the driver.

The 'All Vehicles' option will only display on the list when the driver has already driven multiple vehicles for the day.

Data Transfer via	
Select Vehicle:	All Vehicles
	Truck 1
🛞 Bluetooth	Grand 101
USB	
M Email	
	CANCEL



• **Transfer via Bluetooth** - this option enables the user to transfer files through Bluetooth. The ELD prompts for an output file comment which the driver may enter (optional). After the input, if Bluetooth is not yet turned on, a prompt will appear asking you to turn it on.



You will then be asked to pick the device to which the data will be transmitted via Bluetooth.

 Transfer via Email - this option enables the user to transfer files through email. The ELD output file transferred is encrypted using AES-256 in FIPS Publication197. Before sending, the ELD prompts for an output file comment which the driver may enter (optional).

Output File Comment Email Comment	
	Chars left:47
	CANCEL OK



The device's default email application will then be opened before sending the email to which the data will be transferred.

Compose			SEND
	johndoe@vistracks.com		
	⊺o jamessmith@vistracks.com	+ CC/BCC	
	ELD records from <eld id="" registration="">:<eld identifier=""></eld></eld>	Û	
	Email Comment		
	Doe_3421062716-00000000.062716.johndoe@vistracks.com.aes		

• **Transfer via USB** - this option enables the user to transfer files through USB (external devices). However, prior to saving the driver's ELD file to an external storage/device, the ELD re-authenticates the driver account by asking for its password.

Driver Authentication.		
Enter password for paul@gmail.com		
□ Show Password		
	CANCEL	ОК

If the authentication process is successful, the driver can now select on where to save the ELD file.

Select Folder		
/storage		
+		
sdcard0		
	CANCEL	SELECT



After selecting a data transfer option, the ELD prompts for an output file comment which the driver may enter (optional). The ELD accommodates the entry of an output file comment up to 60 characters long.

Output File Comment Comment here	
	Chars left:60
	CANCEL OK

Upon confirmation, the ELD generates the compliant output file and performs the data transfer.

3.6 Options

Selecting the *Options* button from the *iOn Hours Main Screen* will display the *Options* module:

← Options			₽ D M ⊻ :
SWITCH EQUIPMENT	SHIPPING DOCS	REMARK	LOGON CO-DRIVER
GAIN TIME	EXCEPTION	DATA TRANSFER	SWITCH CO- DRIVER
RETURN TO HOS SCREEN		DOCL	JMENT

The functions within the Options module will be covered in more detail throughout this document.



3.7 Logs

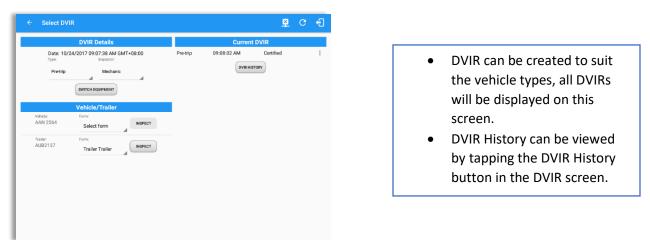
Selecting the *Logs* button from the *HOS Main Screen* will display the current days log and provide the ability to navigate backwards to view the previous seven logs:

	"					Conne	ct X
	V 0 Logs Selected Reset						
	Uiplation: none					-C Rec	
s	Start Time: 12AM		Tap log chart to vie	ew		ι	IS70hr8days
	M 1 2 3 4 5	6 7 8 9	10 11 N 1	2 3 4	5 6 7	8 9 10 11	M Total
	SB		1.1.1.1.1.1.1.1.1.1.1.1	1,11,11,	.1111.		00:00
		44444	4444	սիսիսի	մերիների		00:00
	ON	սիսիսիսիսիսիսի	<u> </u>	ւիրիլ	հեհեհե		00:01
	Driver Log	La	t Shipments Miles	DVIR			Q Inspect
	Driver Stuart Hook			Pre-trip	11:41:26 AM	Certified	÷
	Odometer O O Omi Begin End Distance	Vehicle Name VHC-07	Trailer Name None				
	Carrier DECKER TRUCK LINE, INC	Carrier DOT No 120005311					

Scroll the screen to view all of the information, or, tap the log grid to view the log events.

3.8 DVIR

Selecting the **DVIR** button from the **HOS Main Screen** will display the Select DVIR screen:



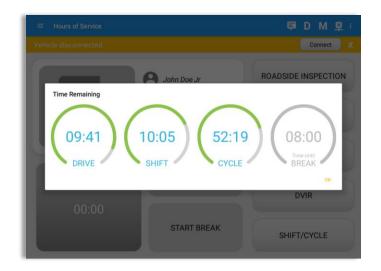
Note:

- When switching the vehicles, the equipment's will be displayed along with their associated forms. Changing the forms used will pop up a message dialog stating "Are you sure you want to use a different form?" with a 'Cancel' or 'Ok' button.
- Highlighted text only displays when conducting an inspection for the first time and that no DVIR forms are associated to the current equipment used.
- DVIR History can be viewed by tapping the DVIR History button in the DVIR screen.



3.9 Shift/Cycle

Selecting the Shift/Cycle button from the HOS Main Screen will display the total work hours of the driver's current work shift and the total working hours that the driver can legally accumulate over a certain cycle or a consecutive multi-day period:



4 Check Driver Availability

С. о р м е			* 🖀 88% 🖲 11:25 AM		
← Options		Ę.	D M 🖳 🗄		
SWITCH EQUIPMENT SHIF	PPING DOCS	EMARK	N C ← Options Vehicle disconnected		* ≺ \$ 93% 012:19 PM
GAIN TIME EX	CCEPTION	TRANSFER	VIT(SWITCH DRI EQUIPMENT	Gain Time At Shift Reset Today at 09:51 PM	LOGON CO-DRIVER
RETURN TO HOS SCI	REEN	DOCUMENT	GAIN TIME	Hours Gained 11:00	SWITCH CO- DRIVER
-			RETURN TO HOS	S SCREEN DO	CUMENT

From the *Hours of Service Main Screen*, tap the *Options* button and then tap the *Gain Time* button, this will then display a date & time of when the driver will gain his/her maximum hours.



5 Driver Logs

The *Driver Logs* allows you to view and update the electronic recording of your duty status events in the HOS app's online driver logs. This is where you also store shipment data, send the certified logs to its intended recipients and manage other driving duty information.

=	Hours of Service				🖻 G 🕄					
	V 0 5 Logs Selected Reset				Email					
	Wednesday Jun 22				🕤 之 Recap Certify					
•	Visition nore Start Time: 12 M M 1 2 4 OFF Visit 1 1 1 1 SB 1		Ip log chart to view 1 N 2 3 I I I I I I I I I I I I I I I I I I I	4 5 6 7 8 9 + + + + + + + + + + + + + + + + + + +	Recap Critity CanS70hr7days 01:37 10 11 01:37 11 11 01:37 00:00 00:01 01:38 01:38 Uppert 11:38					
	John Doe		Pre-trip Driv							~
	Odometer O O Omi	Vehicle Name Trailer Name Vehicle1 Trailer2		Hours of Service					单	c f
	Begin End Distance	Carrier DOT No.		M 1 2 3 4	1 5 6 7 8 9 10		2 2 4			Email M Total
	Carrier1	CDN-001		0FF		<u>11 N 1</u>	2 3 4	5 6 7 8	9 10 11	01:37
		¢		SB		11, 11, 1	1, 11, 11, 1	1	11 11 11 11	00:00
						ահերհեր	հերհեր	1.1.1.1.1.	հերհերհ	00:01
				ON		hhh	4444			00:00
				Driver Log	🖍 🕎 肩 Edit Shipments Miles	DVIR				Q Inspect
				Driver John Doe		Pre-trip	Driver	01:22:03 AM	In progress	÷
				Odometer	Vehicle Name Trailer Name	Pre-trip	Driver	01:09:44 AM	Certified	:
				0 0 0 mi Begin End Distance	Vehicle1 Trailer2					
				Carrier Carrier1	Carrier DOT No. CDN-001					
				Shipping Docs None	Shipper and Commodity None					
					Ĵ	\Box				

Scroll the screen to view all of the information, or, tap the log grid to view the log events. The daily log for the current day will be in expanded view by default. The daily driver logs for the previous days will be in collapsed view.

To expand or collapse a daily log, tap the Collapsible Menu Header.

Cycles and the *Start Hour* time used are also shown in the Log, it is found on the upper right corner just above the *Grid Chart*.



5.1 Using the Driver Logs Bulk/ Multiple Selection Functions

The first part of the Driver Logs user interface feature controls and information for the bulk/multiple selection features. These controls will allow you to perform features for multiple selected driver logs.

Function icon	Function	Description
Logs	Selection Button	Tap the button to select all certified logs.
0 Selected	Selected Logs Counter	This shows the number of selected certified driver logs.
5 Reset	Reset Button	This clears/deselects all of the selected driver logs.

5.2 The Driver Logs Accordion Header Features

To expand or collapse a daily log, tap the Driver Logs Accordion/Collapsible Menu Header:



Note: Driver Logs title shows the full time range when the **Start Hour** time is not zero. You can change the time by going to Settings > HOS Preferences

5.2.1 Daily Driver's Log Entry Check-box (Uncertified Log)

Tap the check-box to certify the selected daily log:



5.2.2 Daily Driver's Log Entry Check-box (Already Certified)

Tap the check-box to uncertify the selected daily log:



Certify

Recap



Violation: none

When a certified log has been edited in the portal, it prompts the driver to either accept or reject the proposed changes through the "Edit Suggestions" dialog. Once the driver accepts an edit request, it will display a note on the daily driver's title log stating "*Recertify*", which indicates the log needs to be certified again in order to include the records changes.

5.2.4 Recap

Tap the Recap button to bring up the recap information and corresponding cycle data for the specified duty day.

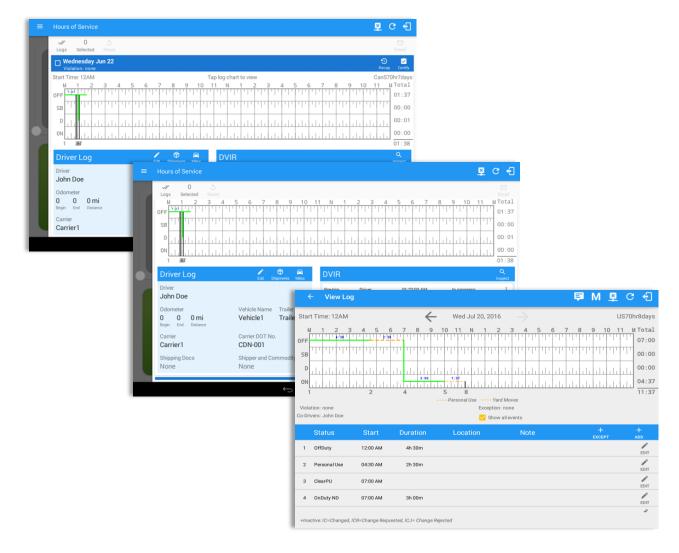
V 0 Selected Reset			
Tuesday Jul 19 Violation: none			recap Ce
Monday Jul 18 Violation: none	RECAP - Complete at End of Workda	IV.	S Recap Ce
Sunday Jul 17 Violation: none	On Duty and Driving hours for today.	10:00	C Recap Ce
Saturday Jul 16 Violation: none	70 hours/ 8 Day Drivers A. Total Hours on Duty last 7 Days, including today.	10:00	S Recap Ce
Friday Jul 15 Violation: none	B. Total Hours available tomorrow.	59:59	S Recap Ce
Thursday Jul 14 Violation: none	*If you took 34 consecutive hours off-duty, you ha available again.	ave 60/70 hours	C Recap Ce
Wednesday Jul 13 Violation: none	available again.		S Recap Ce
Tuesday Jul 12 Violation: none		ок	S Recap Ce
Monday Jul 11 Violation: none			Recap Ce

Tapping the *Recap* button will display a complete recap for the end of the workday including:

- On Duty & Driving Hours, - Total hours on duty last 7 days (including current day), - Total hours available tomorrow, - Total hours On Duty last 8 days (including current day)

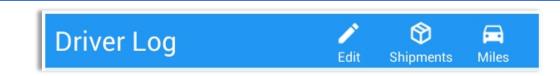


5.2.5 Daily Drivers Log Grid



Tap the driver's log grid to view the log events and edit the log. Scroll up/down the screen to view the Daily Driver's Form; this is where you can view the other required information that must appear in the driver's daily log. In addition, not all of the events statuses are displayed on the grid chart. Personal Use and Yard Moves are also displayed on the grid chart as an Amber color line to be visually different with the other event statuses, a *dashed line* represents the Personal Use event and a *dotted line* represents the Yard Moves event. The legends for Personal Use and Yard Moves event will only display when the said events occurred.





5.2.6 Edit Daily Drivers Log Form

DRIVER INFORMATION DRIVER INFORMATION Driver Name John Doe Jr.		Reca	, Ce
		necu	
		US 8 9 10 11	S70hr8 M To
VEHICLE INFORMATION		ויוייזיייוייויי	01
Vehicle Name EQUI 101 Trailer Name EQUI	04		00:
	QUIPMENT	վերի հերկերի	00:
		սհորդորդ	08:
SHIPPING DOCS INFORMATION			Q
B/L or Manifest No. BL No. 12345			Inspec
Shipper & Commodity			
CANCE	L SAVE		
Carrier DOT No.			
19086 Shipper and Commodity			
	Carrier Alexandria Inc. Carrier DOT No. 19086 SHIPPING DOCS INFORMATION B/L or Manifest No. BL No. 12345 Shipper & Commodity CANCE	SWITCH EQUIPMENT Carrier Alexandria Inc. Carrier DOT No. 19086 SHIPPING DOCS INFORMATION B/L or Manifest No. BL No. 12345 Shipper & Commodity CANCEL SAVE Carrier DOT No.	SWITCH EQUIPMENT Carrier Alexandria Inc. Carrier DDT No. 19086 SHIPPING DOCS INFORMATION B/L or Manifest No. BL No. 12345 Shipper & Commodity CANCEL SAVE Carrier DDT No.

Tap the *Edit* button to open the *Driver Log Form*, from here; you can update the other required information that must appear in the driver's daily log (as listed below)

The following information can be viewed / amended within the **Daily Drivers Log Grid**:

Driver Information

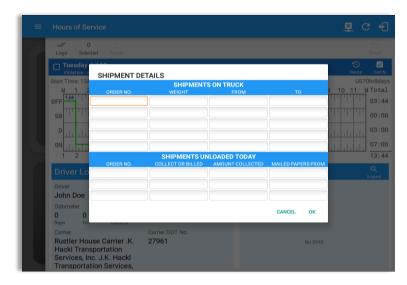
- a) *Driver Name* displays the name of the driver.
- b) Vehicle Information
 - Vehicle Name displays the name of the current Vehicle of the driver.
 - Trailer Name displays the name of the current Trailer of the driver.
 - SWITCH EQUIPMENT tap this button to launch the Switch Equipment dialog to select another Vehicle or Trailer names.
 - Carrier a non-editable field which displays the Name of the Carrier.
 - Carrier DOT Number a non-editable field which displays the Carrier DOT Number.



c) Shipping Information

- Shipping docs displays the bill of lading or manifest number entered by the driver.
- Shipper & Commodity displays the shipper name and the type of commodity which the shipment contains.

5.2.7 Shipment Details



Tap the *Shipments* button to open the *Shipment Details Form*; you can fill in the shipment data that is to be included in the driver's daily log.

Note: The data that can be included in this form is listed on the next page.

Data that can be included within the *Shipment Details Form* includes:

Shipments on Truck

- Order Number the order number of the specific shipment item.
- Weight the weight of the shipments.
- From the point of origin of the commercial motor vehicle.
- To the destination of the commercial motor vehicle.

Shipments Unloaded Today

- Order Number the order number of the specific shipment item.
- Collected or Billed the preferred payment method.
- Amount Collected the amount collected for the shipment.
- Mailed Papers From the name of the shipment company where the shipping related documents are from.



5.2.8 Miles Driven by State

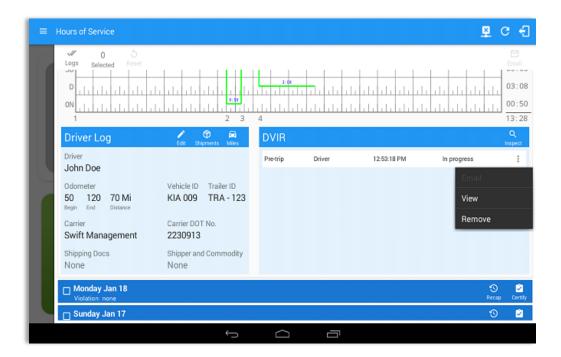
=	Hours of Service						<u>₿</u> С€
	V 0 5						Email
	Tuesday Jul 19 Violation: none						🕤 💆 Recap Certify
	Start Time: 12AM M 1 2 3 4 5	MILES DRI	VEN TOD	DAY BY	STATES		US70hr8days 6 7 8 9 10 11 M Total
	OFF	DE STATE	LOADED	EMPTY	ROUTED NO.	FUEL TICKETS	03:46
	SB III IIIIIIIIIIIIII		0	0			00:00
	D		0	0			03:00
	7:00		0	0			07:00
	1 2		0	0			13:46
	Driver Log		0	0			٩
	Driver	TOTAL:	0	0			Inspect
	John Doe Odometer				CANCEL	ок	
	0 0 0 mi Begin End Distance	2016200) ISO	-1057			
	Carrier Rustler House Carrier .K. Hackl Transportation Services, Inc. J.K. Hackl Transportation Services,	Carrier DO 27961	T No.				No DVIR

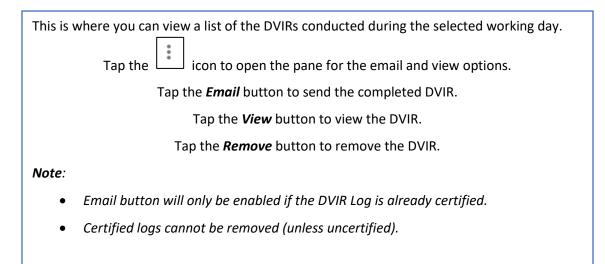
Tap the *Miles* button to open the *Miles Driven Today by States* dialog. This is where you can fill in the shipment data that is required to be included in the driver's daily log. Required data includes:

Code State Loaded Empty Routed Number Fuel Purchased Tickets Attached



5.2.9 DVIR

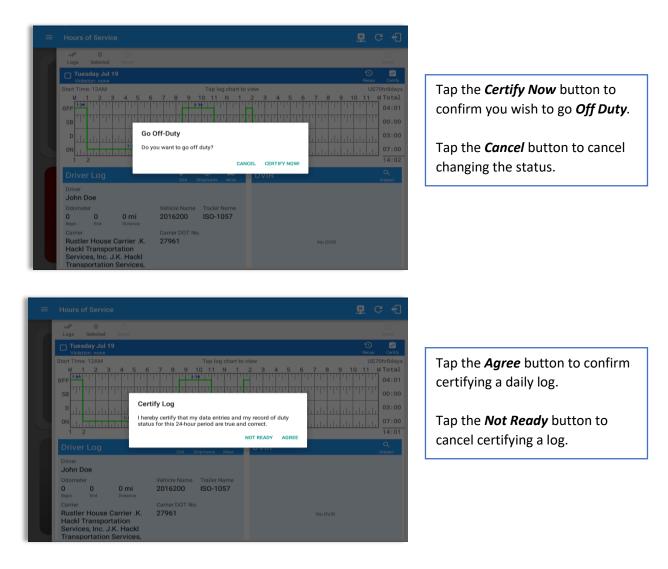




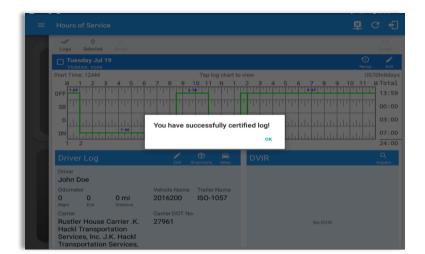


5.2.10 Certify a Log

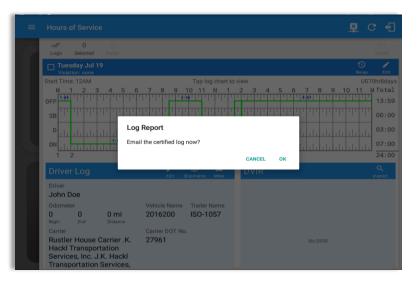
Tap the *Certify* button to certify the selected daily log. If the current status is *Driving*, a pop up dialog will open and you will be asked to confirm changing the status to Off Duty:







Tap the **OK** button to close the confirmation pop up dialog.



Tap the **OK** button if you wish to email the certified log to a selected recipient.

Select the *Cancel* button to close the pop up dialog without emailing the certified log.

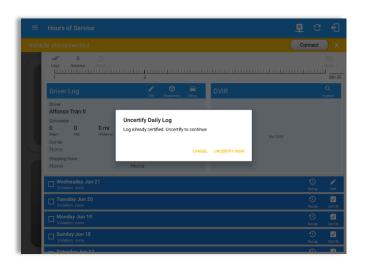
=				📱 C	
	V 0 S				
	Tuesday Jul 19 Violation: none			S Recap	₽ Edit
	Monday Jul 18 Violation: none			S Recap	Certify
	Sunday Jul 17 Violation: none			S Recap	Certify
	Saturday Jul 16 Violation: none	Uncertified Log(s)		S Recap	Certify
	Friday Jul 15 Violation: none	Log Date Monday Jul 18	S Recap	Certify	
	Thursday Jul 14 Violation: none		Certify	S Recap	Certify
	Uiolation: none		UK .	S Recap	Certify
	Tuesday Jul 12 Violation: none			S Recap	Certify
	Monday Jul 11 Violation: none			S Recap	Certify

If the driver did not certify all the daily logs, the ELD will prompt the driver regarding uncertified logs upon logging in and logging out to the app along with the option to certify the relevant days.



5.2.11 Edit a Log

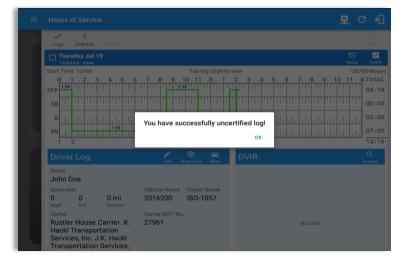
Only driver logs that have not yet been certified can be edited, you will have to uncertify a driver log in order to update its contents, to do this, tap the Edit button to uncertify the selected log and reopen it for editing:



Tap the *Uncertify Now* button to confirm uncertifying the selected log.

Tap the *Cancel* button to cancel uncertifying the selected log.

Tap the **OK** button to close the pop up dialog.



The *Edit Log* screen can update/correct the driver's or driving duty data entries logged through the app. It can also view the history of an edited log.



Tap the driver's log grid to start editing it:

Star	rt Time: 12AM		\leftarrow	Mon Jul 18, 20	16 →	US	70hr8day
	1 2 3 1 2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7 8 9 1 1 1 1 1 1 1 1 1 1 1 • 11 1 1 1 1 1 • 11 1 1 1 1 1 1 • 11 1		2 3 4 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		M Tota 15:0 00:0 08:1 00:4 24:0
	Status	Start	Duration	Location	Note	+ ехсерт	+ ADD
1	OffDuty	12:00 AM	2h 11m				
2	OnDuty ND	02:11 AM	49m			+ EXP	EDIT
2	Driving	03:00 AM	8h 11m			30 + EXP	EDIT
3							

+Inactive: IC=Changed, ICR=Change Requested, ICJ= Change Rejected

You can navigate through the daily driver logs by selecting either back or forward arrows located above the grid ← →

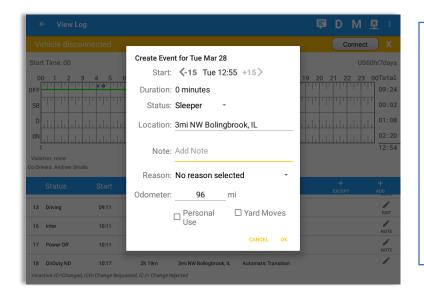
Driver will be able to add a note to the following events:

- Intermediate log
- Login/logout
- CMV Engine power up/shut
 down
- Malfunctions and diagnostic
 events

tar	t Time: 12AN	Л		\leftarrow	Mon Nov 21	1,2016						US7	0hr8da
М	1 2	3 4 5 (578	9 10	11 N	1 2 3	4 5	6	78	3 9	10) 11	M Tot
FF		8:39			1.1.1.1.1.1.		.1.1.1.	1111	.1.1.	11	111	דיןידי	08:
SВ			11,11,1	, , , , , , , , , , , , , , , , , , ,		11, 11,	11,11,	пп	, ili	111	Ψ	пц	00:
D	սերերե		ılı ılı ı		և և և	սեսե	ւևևև	սիսի	цц	ılı	ılı	սեսե	00:
л	սեսես	սեսեր		i. L. L. L.	սեւեւ		ليتنايين	лЫл	. L. L.		лŀ	лhт	00:
1				8									08:
	tion: none			2	Đ	ception: none	2						08:
	tion: none vers: none			8	Đ	ception: none Show all eve							08:
		Start	Duratio	-	Ex Location					E	+ EXCEPT		08: + ADD
-Dri	vers: none	Start 08:36 AM	Duratio	-] Show all eve	ents	e		6			+
	vers: none Status		Duratio	-		Show all eve	ents Note			6			+ ADD
-Driv	vers: none Status Remark	08:36 AM	Duratio	-		Show all eve	ents Note Authenticat	e		F			+ ADD EDT
-Dri	Status Remark Remark	08:36 AM 08:38 AM	Duratio	-		Show all eve Auto	ents Note Authenticat Authenticat	e sition		E			+ ADD EDI EDI



Create Log Event



To add a new event to the selected log, tap the *Add* button, input the relevant details to create the event, once complete, tap the *OK* button to save the event. Also, the current status of the app is disabled to prevent adding the same status consecutively.

Note: Refer to 3.2 Changing the Driver's Status for 'Personal Use'.

Modify Log Event

						Connec	x x
	t Time: 00		Modify Event for Tue	Mar 28 log			
		2 4 5 6	Start: <-15	Tue 08:43 +15>	10	20 21 22 23	00Tota
DFF	יויייייייייייייייייייייייייייייייייייי	8:39	Duration: 28 minu	tes			09:2
SB			Status: OffDuty	Ŧ			ULL 00:01
D			Location: 3mi NW	Bolinabrook. IL			01:0
ON							02:2
			Note: Add Not	e			12:5
	vers: Andrew Sma	lls	Reason: Driver N	ot Logged On	•		
			Odometer: 0	mi			EDIT
7	Sleeper	08:41	Perso	nal 🛛 Yard	Moves		EDIT
8	OffDuty	08:43	Use		_		EDIT
9	Remark	08:43	DEACTIVATE	CANC	EL OK		EDIT
10	Remark	09:10	3mi NW Bol		enticate		1

Tap the *Edit* button adjacent to any of the existing log events, make any required changes, select a reason for the edit from the drop down list and then tap the *OK* button to save the changes.

Notes:

- All log events that have been manually created or amended, will be displayed with an asterisk against it in the log events list depicting that it has been edited. Also scroll down to see check boxes for Personal Use, Yard Moves and Off Road.
- Upon editing a past event, the Note field should not be empty and must contain at least 4 characters when filled out.



Pending Edit Requests

The Motor Carrier can request edits to the driver's logs. In the application allows the driver to review the requested edits which requires the driver to take necessary action whether the driver wants to "**confirm**" or "**reject**" the requested edits.

		₽ D M <u>₽</u> :
	e John Doe Jr	ROADSIDE INSPECTION
	AppTruck	OPTIONS
OffDuty *	None	
Time Remaining		LOGS
	RECAP	DVIR
00:00		
	START BREAK	SHIFT/CYCLE

Tap the icon beside the refresh button to display the pending edit request dialog.

						₽ D	M 🖳 :
Vehicle disconr						C	onnect X
		8	John Doe Jr		ROA	DSIDE INS	PECTION
	Pending Edit Red		each event to v	ew details			IS
	Event	Start	Date	From	Ac		
1	OnDuty ND	07:16 AM	Jan 13, 2017	Personnel	CZ ACCEPT	REJECT	
Tin						CANCEL	
00						DVIR	
			START BR	EAK		SHIFT/CY	CLE
	Wa	arning: Loca	ation Service i	s currently di	sabled		



The Pending Request dialog also appears upon certifying a log only if driver has pending requests. Driver must accept or reject the pending request(s) first before certifying the days' log.

Logs	0 Selected								
	rsday Se							Recap	Cer
Start Time	: 12AM			Tap log chart	t to view				Ohr8o
М	1 2	3 4 5	6789	10 11 N	1 2 3 4	1 5 6	7 8 9		МТо
OFF								1000	13
0.0	Pen	ding Edit Requ	est(s)					111111	
SB			Тар	each event to view	w details				00
P III	Ev	vent	Start	Date	From	Ac	tion	սերե	00
ON	1 On	Duty ND	08:31 AM	Sep 28, 2017	Personnel	ACCEPT	REJECT	l. l. l.	00
Drive	2 Dr	iving	09:36 AM	Sep 28, 2017	Co-Driver	ACCEPT	REJECT		13 Q
Driver									Inspect
Driver Keith U							CANCEL		
Odomet			Vehicle Name						
0 Begin	0 End	0 mi Distance	AAN 2565	AUB2136, AUB2137, SER987					
Carrier			Carrier DOT N	cept or Reject Pending					

A toast message will be displayed at the bottom of app stating: "Must Accept or Reject Pending Requests ".

Note: The events from the 'Unidentified' driver does not require acceptance.

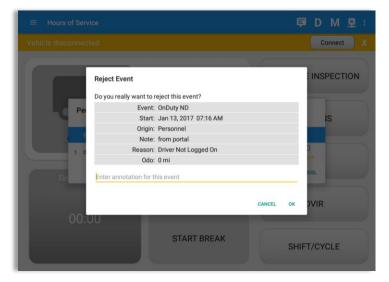
The Reject and Accept Event dialog shows the comparison of the Original status vs the changes (requested edits). Also, accepting the edits requested requires the driver to fill in the annotation field (**Required**) to successfully save the changes.

\equiv Hours of Serv		₽ D M ₽ :
Vehicle disconnec		Connect X
	Accept Event	INSPECTION
	Do you really want to accept this event?	
Per	Event: OnDuty ND	
	Start: Jan 13, 2017 07:16 AM	IS
	Origin: Personnel	
	Note: from portal	
1 0	Reason: Driver Not Logged On	L CT
	Odo: 0 mi	201
Tin	Enter annotation for this event	ICEL
		CANCEL OK DVIR
00:	00	
	START BREAK	SHIFT/CYCLE

If the driver rejects the edit suggestions then the original record remains.



If the driver approves the edit suggestions, the new status will replace the old status and the changes will be reflected in the events history list.



<u>Auto Events</u>

The ELD automatically records the driving time when the vehicle is in motion by setting duty status to driving for the driver unless, before the vehicle is in motion, the driver has sets the duty status to off-duty and indicates personal use of CMV, in which case duty status must remain off-duty until driver's indication of the driving condition ends;

	+ View Lo	g				D 👳 (C +
Star	Start Time: 12AM						
	1 1 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 4 5 6	7 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 11 N 1	2 3 4 5		M Total 08:39 00:00 00:00 00:00 00:00
Co-Dri	vers: none				how all events		
Co-Dri	vers: none Status	Start	Duration			+ EVCEPT	+
2		Start 08:36 AM	Duration	_ s	how all events	+ Except	+ ADD EDIT
	Status		Duration	_ s	how all events Note		ADD
2	Status Remark	08:36 AM	Duration	_ s	how all events Note Authenticate	EXCEPT	ADD EDIT
2 3	Status Remark Remark	08:36 AM 08:38 AM	Duration	_ s	how all events Note Authenticate Authenticate	EXCEPT	ADD EDIT EDIT
2 3 4	Status Remark Remark Power On	08:36 AM 08:38 AM 08:39 AM	Duration	_ s	how all events Note Authenticate Authenticate Automatic Transiti	EXCEPT	ADD EDIT EDIT NOTE

Events such as Power On, Power Off, Driving and OnDuty are automatically created when connecting to a device. Auto events created were recorded and displayed on the Events history list indicated with a note "Automatic Transition".

(These events are also displayed in the Portal)

Page 53

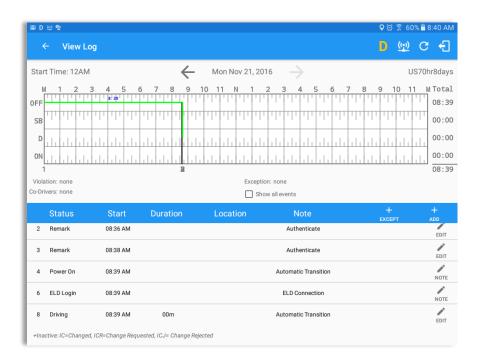


To view all the auto created events (primary or secondary events) when connecting to a device, tap on the '**Show all events**' checkbox to enable.

To hide all the secondary events, tap back on the checkbox to disable.

Star	t Time: 12AM			Mon Nov	21, 2016 ->		US	70hr8da
М	1 2 3	3 4 5 6	678	9 10 11 N	1 2 3 4	567	8 9 10 11	MTot
FF		8:39						09:
SB		11 11 11						TT 00:
D								00:
он								00:
1				8 2 3				09:
	ition: none				Exception: none			
	ition: none vers: none				Exception: none 🖌			
		Start	Duratior		Show all events	te	+ Except	+ ADD
	vers: none	Start 08:38 AM	Duration		Show all events			ADD
o-Dri	vers: none Status		Duration		Show all events	nticate		ADD
o-Dri	vers: none Status Remark	08:38 AM	Duration		Show all events	nticate Transition		ADD EDIT
3 4	Status Remark Power On	08:38 AM 08:39 AM	Duratior		Show all events No Auther Automatic	nticate Transition Location		ADD EDIT NOT NOT
-Dri 3 4 5	Remark Power On Miss Diag	08:38 AM 08:39 AM 08:39 AM	Duration		Show all events No Auther Automatic Missing:	nticate Transition Location nnection		ADD EDIT NOT

Note: The graph-grid overlay periods of driver's indications of authorized personal use of CMV and yard moves using a different style line (such as the dashed or dotted line in amber color).





- A Remark will be recorded with a note "Authenticate" to the events history list if Driver will login to app.
- A Remark will be recoded with a note "Unauthenticate" if driver will logout from app.
- ELD Login will be recorded with a note "ELD Connection" to events' history list when app successfully connected to VBUS Device.
- ELD Logout will be recorded with a note "ELD Disconnection" to events' history list when driver manually disconnect to VBUS Device by tapping the connect/disconnect icon located at the App header.

Crossing Boundaries

The border crossing calculation uses the VBUS GPS coordinates if they are available, and the android coordinates if they are not. The following instances happens when the driver crossed boundaries between Canada and US (vice versa):

a. If the GPS coordinates are changed to a different state or province, a remark event will be recorded in the driver log.

	View Lo						
Star	t Time: 12AM		*	Mon Nov 21	2016 —		US70hr8da
М	1 2 3	3 4 5 6	5 7 8	9 10 11 N 1	2 3 4 5	6789	10 11 M Tot
DFF		8:39		2:32			11:
SB	11, 11, 11,	11, 11, 11,	11,11,11				· · · · · · · · · · · · · · · · · · ·
D							00:
							00:
ON	ليا با با با با	1.1.1.1.1.1.					
ON 1			11111111 8				11:
L 1	ition: none		11111111111111111111111111111111111111		eption: none		
L 1 Viola	tion: none vers: green cross		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Exc	eption: none Show all events		
L 1 Viola		Start	Duration	Exc		+ 5705	+
L 1 Viola	vers: green cross	Start 11:40 AM		Exc	Show all events	EXCE	ціціцій 11: арт дор
L Viola Co-Driv	vers: green cross Status			Exc Location	Show all events	EXCE	
L Viola Co-Driv	vers: green cross Status Miss Diag	11:40 AM		Exc Location	Show all events Note Missing: EngineHour Crossed into SouthDakota, USA fro	EXCE	11: 11: 11: 11: 11: 11: 11: 11:
L Viola co-Driv 49 50	Vers: green cross Status Miss Diag Remark	11:40 AM 11:40 AM		Exc Location	Note Note Missing: EngineHour Crossed into SouthDakota, USA fro Saskatchewan, CANA	EXCE S IM DA	III:

- b. If the current location is in Canada, the driving rules will automatically switched to Canadian rules. Similarly, if the location is in the US, the driving rules automatically switched to US rules.
- c. If there is a co-driver logged in, both the remark and the rules changes will be occurring to be applied for him/her as well.



5.3 Malfunction and Data Diagnostic Events

At Each instance when an ELD malfunction or data diagnostic event is detected or cleared by the ELD, the ELD records the event. The recorded malfunctions and data diagnostic events are inconsistencies found while monitoring the app/ELD against FMCSA compliance requirements. These instances are indicated in the application header and in the Android notification toolbar with the letters M and D, respectively.

≡	Hours of Service	₽	D	Μ	×	

Note: ELD Data Diagnostic status affects only the authenticated user, therefore, the ELD only indicate the active data diagnostics event status applicable to the active driver. Data Diagnostic Event dialog will no longer pop up whenever it occurs hence, the Data Diagnostic "D" icon will be in an accent color (which based on the app's theme) when data diagnostic events occurred will only turn back to white once the dialog for the Data Diagnostic List is closed.

Code	Date	Time	Descrip	otion	Action				
3	Thu Aug 04, 2016	02:36:16 PM	Missing: Eng Location, C		CLEAR				
3	Thu Aug 04, 2016	02:05:49 PM	Missing: L	ocation	CLEAR				
5	Thu Aug 04, 2016	12:43:18 PM	Unidentif Diagr	Malfun	ctions				
LEAR ALL				Code	е	Date	Time	Description	Action
				Р	Thu A	Aug 04, 2016	12:45:17 PM	Power Malfunction	CLEAR
				L	Thu A	Aug 04, 2016	11:08:23 AM	Position Malfunction	CLEAR
									CANCE

← View L	og			P	(<u>())</u> C	Ð
Start Time: 12AM	1	Mon Nov 21, 20	016 ->		US70hr8	8days
M 1 2 OFF SB D ON Violation: none Co-Drivers: green cross		7 8 9 10 11 N 1	2 3 4 5 6		1 1 1 1 1 1 1 1 1 1 1 1 1 1 0 0 0 0 0 0	Fotal 11:11 00:00 00:33 00:00 11:44
Status	Start				+ +	
48 Driving	11:40 AM	omi s Regina, i i	CANCEL OK			EDIT
49 Miss Diag	11:40 AM	6mi S Regina, 11	Missing: EngineHours			NOTE
50 Remark	11:40 AM		Crossed into SouthDakota, USA from Saskatchewan, CANAD/			EDIT
51 Miss Diag	11:40 AM		Missing: Location			NOTE
52 Power Off	11:40 AM		Automatic Transition			1
+Inactive: IC=Change	d, ICR=Change Requeste	d, ICJ= Change Rejected				

The Malfunction and Data Diagnostic events note can also be edited on the edit log screen.

Tap the *Clear button* to clear the malfunction or data diagnostic event detected.

To clear all Data Diagnostic Events, tap the **Clear All** button.



	Ma	Ifunction Eve	ents
Requirement No.	Event Code	Event Name	Description
4.6.1.1	P / Power MF	Power Malfunction	An ELD must set a power compliance malfunction if the power data diagnostics event described in paragraph 4.6.1.1(a) of this appendix indicates an aggregated in-motion driving time understatement of 30 minutes or more on the ELD over a 24-hour period across all driver profiles, including the unidentified driver profile.
4.6.1.2	E / Sync MF	Engine Synchronization Malfunction	An ELD must set an engine synchronization compliance malfunction if connectivity to any of the required data sources specified in section 4.3.1 of this 87 appendix is lost for more than 30 minutes during a 24-hour period aggregated across all driver profiles, including the unidentified driver profile.
4.6.1.3	T / Timing MF	Timing Malfunction	The ELD must periodically cross- check its compliance with the requirement specified in section 4.3.1.5 of this appendix with respect to an accurate external UTC source and must record a timing compliance malfunction when it can no longer meet the underlying compliance requirement.
4.6.1.4	L / Pos MF	Position Malfunction	ELD records requiring location information must use the last valid position measurement and



			include the latitude/longitude coordinates and distance traveled, in miles, since the last valid position measurement.
			An ELD must monitor elapsed time during periods when the ELD fails to acquire a valid position measurement within 5 miles of the CMV's movement. When such elapsed time exceeds a cumulative 60 minutes over a 24 hour period, the ELD must set and record a positioning compliance malfunction.
4.6.1.5	R / DR MF	Data Recording Malfunction	An ELD must monitor its storage capacity and integrity and must detect a data recording compliance malfunction if it can no longer record or retain required events or retrieve recorded logs that are not otherwise catalogued remotely by the motor carrier.
4.6.1.7	S / Trans MF	Data Transfer Malfunction	 (a) An ELD must implement inservice monitoring functions to verify that the data transfer mechanism(s) described in section 4.9.1 of this appendix are continuing to function properly. An ELD must verify this functionality at least once every 7 days. These monitoring functions may be automatic or may involve manual steps for a driver. (c) After an ELD records a data transfer data diagnostic event,



			the ELD must increase the frequency of the monitoring function to check at least once every 24-hour period. If the ELD stays in the unconfirmed data transfer mode following the next three 90 consecutive monitoring checks, the ELD must detect a data transfer compliance malfunction.
4.6.1.8	O / Other MF	Other Malfunction	In addition to the required monitoring schemes described in sections 4.6.1.1– 4.6.1.7 of this appendix, the ELD provider may implement additional, technology-specific malfunction and data diagnostic detection schemes and may use the ELD's malfunction status indicator and data diagnostic status indicator (described in sections 4.6.2.1 and 4.6.3.1) to communicate the ELD's malfunction or non- compliant state to the operator(s) of the ELD.

	Data Diagnostic Events						
Requirement No.	Event Code	Event Name	Description				
4.6.1.1	1 / Pwd Diag	Power Diagnostic	An ELD must monitor data it receives from the engine ECM or alternative sources as allowed in sections 4.3.1.1-4.3.1.4 of this appendix, its onboard sensors, and data record history to identify				



			instances when it may not have complied with the power requirements specified in section 4.3.1.1, in which case, the ELD must record a power data diagnostics event for the corresponding driver(s), or under the unidentified driver profile if no drivers were authenticated at the time of detection.
4.6.1.2	2 / Sync Diag	Engine Synchronization Diagnostic	An ELD required to establish a link to the engine ECM as described in section 4.2 must monitor its connectivity to the engine ECM and its ability to retrieve the vehicle parameters described under section 4.3.1 of this appendix and must record an engine-synchronization data diagnostics event when it no longer can acquire updated values for the ELD parameters required for records within 5 seconds of the need.
4.6.1.4 (d)	3 / Miss Diag	Missing Data Elements Diagnostic	If a new ELD event must be recorded at an instance when the ELD had failed to acquire a valid position measurement within the most recent elapsed 5 miles of driving, but the ELD has not yet set a positioning compliance malfunction, the ELD must record the character "X" in both the latitude and longitude fields, unless location is 88 entered manually by the driver, in which case it must log the character "M" instead. Under the circumstances listed in this paragraph, if the ELD



			event is due to a change in duty status for the driver, the ELD must prompt the driver to enter location manually in accordance with section 4.3.2.7 of this appendix. If the driver does not enter the location information and the vehicle is in motion, the ELD must record a missing required data element data diagnostic event for the driver.
4.6.1.7	4 / Trans Diag	Data Transfer Diagnostic	(b) If the monitoring mechanism fails to confirm proper in-service operation of the data transfer mechanism(s), an ELD must record a data transfer data diagnostic event and enter an unconfirmed data transfer mode.
4.6.1.6	5 / Unid Diag	Unidentified Driver Diagnostic	 (b) If more than 30 minutes of driving in a 24-hour period show unidentified driver on the ELD, the ELD must detect and record an unidentified driving records data diagnostic event and the data diagnostic indicator must be turned on for all drivers logged in to that ELD for the current 24-hour period and the following 7 days. (c) An unidentified driving records data diagnostic event can be cleared by the ELD when driving time logged under the unidentified driver profile for the current 24-hour period and the previous 7 consecutive days drops to 15 minutes or less.



4.6.1.8	6 / Other Diag	Other Diagnostic	In addition to the required monitoring schemes described in sections 4.6.1.1– 4.6.1.7 of this appendix, the ELD provider may implement additional, technology-specific malfunction and data diagnostic detection schemes and may use the ELD's malfunction status indicator and data diagnostic status indicator (described in sections 4.6.2.1 and 4.6.3.1) to communicate the ELD's malfunction or non- compliant state to the operator(s) of the ELD.
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Actions for Malfunction & Data Diagnostic Events

Carrier responsibilities regarding malfunctions:

- Provide drivers with an instruction sheet describing the various ELD malfunction events and recordkeeping procedures (395.22)
- Provide drivers with a supply of 8 days' worth of blank paper driver records (395.22)
- Repair, replacement, or service
 - Motor carrier must correct the malfunction of the ELD within 8 days of discovery of the condition or a driver's notification to the motor carrier, whichever occurs first (395.34)

Record keeping responsibilities by the driver:

- Malfunction events
 - Note the ELD malfunction and provide carrier with written notice within 24hrs (395.34)



- Reconstruct driving events for the current 24hr period and previous 7 consecutive days using paper logs (unless they can be retrieved from the ELD) (395.34)
- Continue to manually prepare driving logs until ELD is serviced and brought back into compliance (395.34)
- During inspections which take place when a malfunction has occurred: provide safety official with manually kept driver logs (395.34)
- Data diagnostic events
 - Driver must follow the motor carrier's and ELD provider's recommendations in resolving the data inconsistency (395.34)

Clearing of malfunction and data diagnostic events:

- ELD needs to capture when a malfunction or data diagnostic event has been cleared by the driver (4.5.1.7)
- Unidentified driving records data diagnostic
 - Events that drop to 15 minutes or less during the current 24hr period and previous 7 days can be cleared automatically and there is no requirement to record the automatic clear (4.6.1.6)

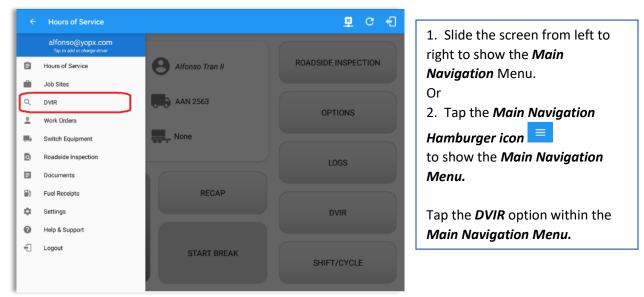


5.4 DVIR

The **DVIR** feature provides a way for you to create online vehicle DVIR reports while in the field. This helps to ensure that your vehicle confirms to the FMCSA's safety regulations.

There are a number of ways to access this feature:

5.4.1 DVIR Feature – Main Navigation Menu



5.4.2 DVIR Feature – Hours of Service Main Screen

,	 John Doe Jr TestTruck 	
55	Ŭ	ROADSIDE INSPEC
	TestTruck	
		OPTIONS
OffDuty *	None	
Time Remaining	RECAP	LOGS
00.00		DVIR
00.00	START BREAK	SHIFT/CYCLE
	00:00	

From the *Hours of Service Main Screen*, tap the *DVIR* button to display the *DVIR* screen.



Select DVII	BAM GMT+0E:00 Pre	Current DVIR p 010837 AA Onf maanaan maanaan	<u>с</u> е) w	AAR3564 Sebet form Nate AUR3155 Taster	10 TQ			C Participation of the second se	od	Inspection Result with this DVII is spread and the. NO Vis Signature Of Control of Contr	
											N N
← View Log	9			₽ C €						≅ c	2
← View Log Start Time: 12AM	9	- Mon Aug 28, 2	017	SZOP C	Vehicle disco		4	Mon Aug 14, 201	17 ->	Connect	Three areas
Start Time: 12AM			2 3 4 5 6 7	US70hr8day	Vehicle disco a1 # 12 30 opp 1111111 00 58 11 0 00 00			Mon Aug 14, 201 10 11 N 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Connect	IOhr8days
Start Time: 12AM		9 10 11 N 1 1 + + + + + + + + + + + + + + + + + + +	2 3 4 5 6 7	US70hr8da 8 9 10 11 M Tot 20: 11 1 1 00: 00: 00: 00:	Vehicle disco a1 # 12 30 opp 1111111 00 58 11 0 00 00	nnected	7 8 9 1	0 11 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Connect US7 7 8 9 10 11 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ohr8days M Total 20:22 T 00:00 00:00 00:00
Start Time: 12AM		9 10 11 N 1		US70hr8day	Vehicle disco start Time: 124M al y 7 30 opp opp 11 b 11	nnected	7 8 9 1	0 11 N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 4 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Connect US7 7 8 9 10 11 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ohr8days M Total 20:22 T 00:00 00:00 00:00
Start Time: 12AM		9 10 11 N 1 1 20100 11 N 1 1 1 1 20100 11 1	2 3 4 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	US70hr8day	Vehicle disco al ys 30 opp 90 58 91 ys 11 opp 11 opp 11 opp 11 opp 11 opp 12 opp 13 opp 14 Visition rome CoDriver: none	nnected		0 11 N 1	2 3 4 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Connect US7 7 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ohr8days UT0Tal 20:22 00:00 00:00 00:00 20:22 +
Start Time: 12AM		9 10 11 N 1 1 20100 11 N 1 1 1 1 20100 11 1	2 3 4 5 6 7 1	US70hr8da 8 9 10 11 HTet 00: 00: 00: 00: 00: 00: 00: 00	Vehicle disco a1 u 1 30 orp 1 00 58 1 11 0 1 00 1 1 01 1 1 02 1 1 03 0 1 041 0 1 05 1 1 06 1 1 07 1 1 08 1 1 09 1 1 01 1 1 02 1 1 03 1 1 04 1 1 05 1 1 06 1 1 07 1 1 08 1 1 09 1 1 100 1 1 11 1 1 12 1 1 <td>nnected</td> <td></td> <td>0 11 N 1 551 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>2 3 4 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>Connect US7 7 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>threadys tratal 20:22 00:00 00:00 20:22 +∞</td>	nnected		0 11 N 1 551 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 3 4 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Connect US7 7 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	threadys tratal 20:22 00:00 00:00 20:22 +∞
Start Time: 12AM	4 5 6 7 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 11 N 1 1 20100 11 N 1 1 1 1 20100 11 1	2 3 4 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	US70hr8de 8 9 10 11 HTet 11 1 11 10 10 00 00 00 00 00 00 00 00 00	Vehicle disc. al • 1 • 1	3 4 5 6 1 1 1 1 1 1 1 1		0 11 N 1 +	2 3 4 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Connect US7 7 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	00hr8days 170tal 20:22 00:00 00:00 00:00 20:22 4,20 20:22

- When driver manually/automatically change to Driving event without completing the Pretrip DVIR, it will create a 'Remark' event with a note 'Pre-trip DVIR not performed.'
- The Remark event will only be created once per shift.
- The Remark event will be created after it detects or when a first Driving event on the shift cycle is created.
- Also, an **alert** is sent only once for each vehicle that begins to drive without having done a Pre-Trip DVIR.



5.4.3 Selecting Your DVIR Type

Select DVIR	₽ ₽ (
e disconnected	Connec
DVIR Details	Current DVIR
Date: 10/23/2017 06-3510 PM CDT Prestrip Post-trip Achoo	No DVIR
Note: Form: Ing merry Select form INSPECT	

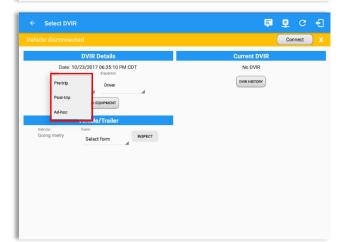
Choose the appropriate **DVIR Type** from the following options.

Choose the appropriate Inspector from the following options.

	DVIR Details		Current DVIR	
Date: 10/ Type: Pre-trip	25/2017 09:20:49 AM GN Inspector: Driver	4T+08:00	No DVIR DVIR HISTORY	
Vehicle: AAN 2564	Vehicle/Trailer	INSPECT		
Trailer: AUB2137	Tractor Form: Trailer Trailer			
Trailer: SER987	Form: Trailer Trailer			
Trailer: Vehicle27	Form: Trailer			
Trailer: AAN890	Form: Trailer Trailer	INSPECT		

You can select a **DVIR Form** from the 6 default DVIR forms or you can also select a **Customized DVIR Forms for Asset(s)** also from the list.

- a) **Pre:** A DVIR conducted before driving the CMV.
 - b) **Post:** A DVIR conducted after driving a CMV.
 - c) *Ad Hoc:* Any DVIR conducted in any other period that the ones specified in points a & b.

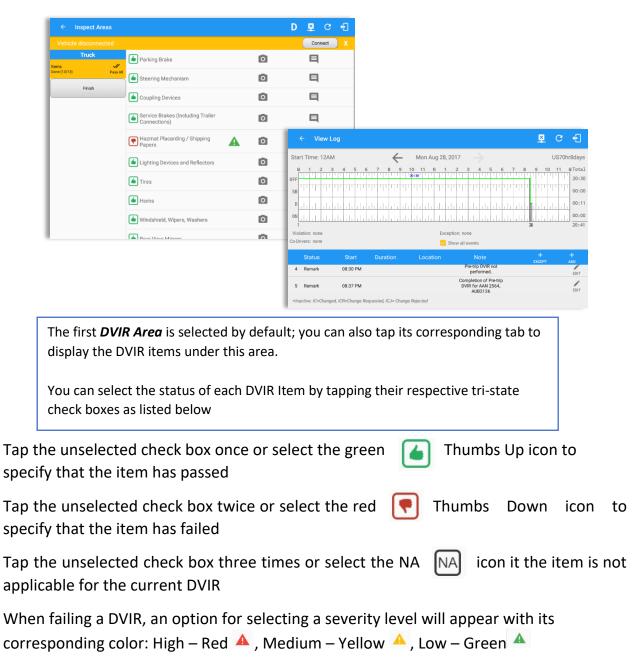




5.4.4 Starting Your DVIR

Tap the *Inspect* button in each equipment to start the DVIR, you will be directed to the *DVIR screen*.

5.4.5 Completing the First DVIR Area



Tap the Check All button to automatically select all the DVIR items



5.4.6 Capturing an Image of a DVIR Item

If you wish to capture an image of a DVIR item, you can tap the *Camera Button*. The Camera app will then appear, proceed to take a picture of the DVIR item. After tapping the *Capture Image Button*, select the Save button to save the image and add it to your item report. You can also discard the captured image by selecting the *Cancel* button.

← Add Comment			₽c €
		(Connect X
Hazmat Placarding / S	Shipping Papers Ite	em Report	
Enter Report			T. Y
CANCEL		ок	
u may add comments or remarks aga			
mments button, enter the relevant co			-
the <i>Camera</i> button to add more ima		a and select th	ie UK button i
ish adding your images and comment	ts or remarks.		

5.4.7 Add a Comment or Remark to a DVIR Item



← Inspect	t Areas				🗳 C f
Traile	er 📈	B rakes		0	Ę
Done (14/14)	Pass All	R Brake Connections	A	0	E
Finish	1	Tarpaulin		0	E
		Tires		0	E
		Wheels and Rims		8	E
		Other		0	sample note
		Coupling Devices		0	Ę
		Coupling (King) Pin		0	Ę
		Doors		0	E
		Hitch		0	E
		Landing Gear		0	

If you add an image and a comment or remark to the DVIR item, the *camera* button will have a numbered icon over it depicting the number of images that have been attached; also, any comments or remarks that have been added will be displayed and will replace the *Comments* button.

Note: You can also tap the Voice Dictation button (speech to text) to use voice dictation instead of typing your comments or remarks.

5.4.8 Finishing / Certifying Your DVIR

 Inspect / 	Areas		Ę	D	Μ	¥	
					Conne	ect	
Truck		Summary					
ltems Done (13/13)	Pass All	Start Time: 09/25/2017 07:28:20 PM Elapsed Time: 08:52 Items Inspected: 13/13					
Finish		Inspection Result					
		General Comments					
		Defects Corrected Condition Satisfactory Condition Unsatisfactory					
		Signature					
		L H	>				
		CHANGE SIGNATURE	FI	NISH DVI	R		

To finish / certify your DVIR, select the **Finish** tab, this will display the information detailed on the next page.



<u>Summary</u>

Summary

Start Time: 09/28/2017 09:52:20 AM Elapsed Time: 02:08 Items Inspected: 2/14

- *Start Time* the date and time the DVIR was started.
- *Elapsed Time* the duration of the current DVIR.
- *Items Inspected* this is a counter for the number of items already inspected.

Remaining Items

12 Remaining Items
Trailer - Brakes

This will only be displayed if you have not yet updated all of the DVIR items, this will show the item(s) that are still to be inspected.

Inspection Result

	Inspection Result
General Comments	
 Defects Corrected 	
○ Condition Satisfactory	
○ Condition Unsatisfactory	

General Comments – this is where you can enter your general DVIR report comments.

One of the following options must be selected before the DVIR can be finished / certified.

- Defects Corrected
- Condition Satisfactory
- Condition Unsatisfactory



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<u>Signature</u>



Drivers can change their signature by tapping the *Change Signature* button.

Mechanics and other inspectors can create their signatures by tapping the *Change Signature* button.

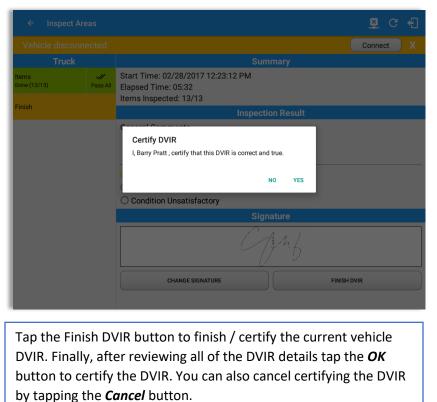
Selecting the *Change Signature* button will open the *Create Your Signature Here screen*:



Tap the **Done** button to save your signature or tap the **Clear** button to discard the signature.



5.4.9 Submit or Certify the DVIR



After successfully certifying the DVIR, a remark event will be created in the Edit Logs screen stating the completion of Pre/Post/Ad-Hoc DVIRs.

•	÷	Vi	ew	Lo	g																																	¥		(3		÷
Star	t Tir	ne:	12A	М									4	¢	-		1	Иo	n /	٩u	g 2	8, 1	20	17																US	570	nr8	Bda
M FF	1	: י ן י	2	3	4	1	5	1	6		7	1	8	9	9		0:3	1	1	N	1	1	T	2	1	3	1	1	E.	5	e	; '	7	1	8		9		10	1	1		Tot 20:
SB	Т	Т	111	ľ	1	1	1	Π			ľ	Γ	ľ	1	T	Γ	1	Т	1	1	T		Γ	T	Π	1	Т	1			Т	1	'						ľ	Π	Т	Г	00:
D	Ц	ılı	ш	h	h		1		4	L	4	h	h	h	1	h		1				ц		4		μ	L		L			ıl	4		4	I		L		h	ıl	4	00
0N 1		ılı	ĿЬ	1	1.1			1		Ш	4	1	L.	1		L_					1	Ш	1	1	<u>L</u>		-						1		Ш	25			h	<u> </u>		Ш.	20:
	ation: ivers:																					xce					nts																
	Sta						art				Du	rat		n				Lo	oca	atio								ote										+ CEP1				H	
4	Ren	nark			0)8:3	30 F	M																	P	re-t pe			/IR ied		t												EDI
5	Ren	nark			0)8:3	37 F	м																C	DV	nple IR f A	or	n o AAI 21	N 2	Pre- 256	trip 4,												EDI
+Ina	ctive:	: IC=0	Chang	jed,	ICR	?=C	han	ge	Red	ques	ste	d, 10	:J=	Ch	an	ge	Rej	ect	ed																								

NOTE: A remark "Autogenerated: Pre-trip DVIR not performed." Displayed in edit log screen when DVIR was not performed.



5.4.10 Deleting a Vehicle DVIR

Go to the *Previous DVIR* section. This is where you can view a list of the DVIRs conducted within the Vehicle DVIR screen:

Current DVIR								
Pre-trip	12:06:16 PM	Certified	:					
Pre-trip	02:12:17 PM	In progress	:					

- Tap the Email button to send the completed DVIR to an intended recipient.
- Tap the View button to view the DVIR details (once submitted, this cannot be amended).
- Tap the Remove button to remove the DVIR (once submitted, this cannot be removed).

5.5 DVIR History

	DVIR Details			Curre	nt DVIR			
Date: 10/2 Type:	4/2017 09:07:38 AM GM	T+08:00	Pre-trip	09:08:02 AM	Certified	:		
Pre-trip	Mechanic SWITCH EQUIPMENT			DAIRY				
	Vehicle/Trailer							₽ D M ₽
Vehicle: AAN 2564 Trailer:	Form: Select form	INSPECT			Vehicle disconnected All Equipment			Connect
AUB2137	Trailer Trailer	INSPECT			Equipment	Inspection Ty	/pe Inspector	Date Inspected
					AUB2137	Pre-trip	Arturo Moore II	18/09/2017
					AUB2136	Pre-trip	Arturo Moore II	18/09/2017
					AAN890	Pre-trip	Arturo Moore II	18/09/2017
					AUB2137	Pre-trip	Arturo Moore II	17/09/2017
					AAN890	Pre-trip	Arturo Moore II	17/09/2017
					SER987	Pre-trip	douglas richards II	17/09/2017
					AUB2137	Pre-trip	douglas richards II	17/09/2017
				_	AAN890	Pre-trip	douglas richards II	17/09/2017
					- AUB2136	Pre-trip	douglas richards II	17/09/2017
					Item Name		Repaired Status Repa	ir Comment
					Coupling Devices Wheels and Rims			

The **DVIR History** feature displays the DVIRs for the last 30 days for the currently selected equipment. Completed DVIRs that don't have failed items shows in a row highlighted in green color while Completed DVIRs with failed items are highlighted in red. Also, a '+' can be tap to show the details of failed items.



5.5.1 Viewing DVIR History by Vehicle

← DVIR History				Ę∎	¥	C (ย								
All Equipment 🖌															
	Inspection Type	Inspector			spected										
- AAN 2565	Pre-trip	Keith Urban II		09/28/20	17										
Item Name		epair Status	Repair Comm	nent											
Drive Line / Linea de Impulsi	ion														
Exhaust / Escape												_	-	~	-
Fifth Wheel / Quinta Rueda					DVIR	History							×	e	٠
+ AAN 2565	Pre-trip	Scott Adams C		(AAI	N 2565	4									
- AUB2136	Pre-trip	Scott Adams C		-		4						A			
Item Name	R	epair Status	Repair Comm	1	ipment			Inspection Type	Inspector			Date Ins			
Wheels and Rims				- AAN				Pre-trip	Keith Urban			09/28/201	7		
Other					em Nan				Repair Status	Rej	pair Com	nent			
						Linea de li	mpulsi	on							
					xhaust / E										
						/ Quinta R	tueda								
				+ AAN	2565			Pre-trip	Scott Adam	sC		09/28/201	7		
			-												

- DVIR Screen displays DVIR inspections for all equipment by default.
- Tap the Equipment name on the upper left of the screen to view the DVIR of the specified vehicle.

6 Roadside Inspection

The Roadside Inspection feature provides the ability to view the driver daily logs for the past one week. It includes information on the vehicle used, shipments and driving statuses. It also has the ability to send all the logs that have already been certified to an intended recipient.

There are a number of ways to access this feature:



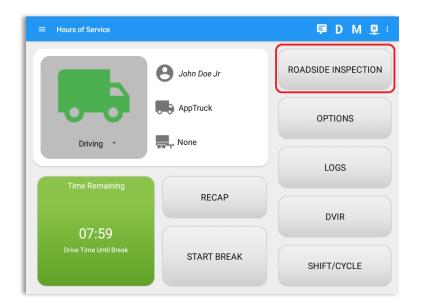
6.1 Roadside Inspection – Main Navigation Menu

÷	Hours of Service		P C 4
	alfonso@yopx.com Tap to add or change driver		
Ê	Hours of Service	Alfonso Tran II	ROADSIDE INSPECTION
•	Job Sites		
٩	DVIR	AAN 2563	OPTIONS
*	Work Orders	_	OPTIONS
	Switch Equipment	None	
۵	Roadside Inspection		LOGS
	Documents		
Ð	Fuel Receipts	RECAP	
\$	Settings		DVIR
0	Help & Support		
÷	Logout	START BREAK	SHIFT/CYCLE
	2. Tap the Main Navi g Navigation Menu	m left to right to show the M Or gation Hamburger icon ection option within the Main	to show the Main

Note: Driver that is being inspected must provide a password when exiting from the Roadside Inspection *Screen.*

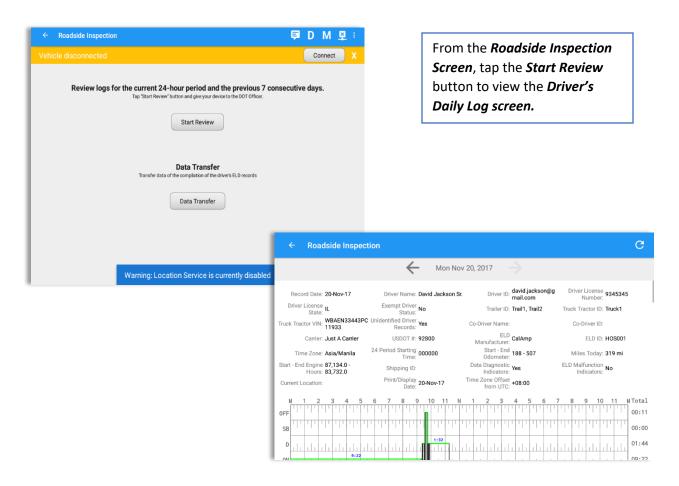


6.2 Roadside Inspection - iOn Hours Main Menu



From the *Hours of Service Main Screen*, tap the *Roadside Inspection* button.

6.3 Inspection Screen – Start Review

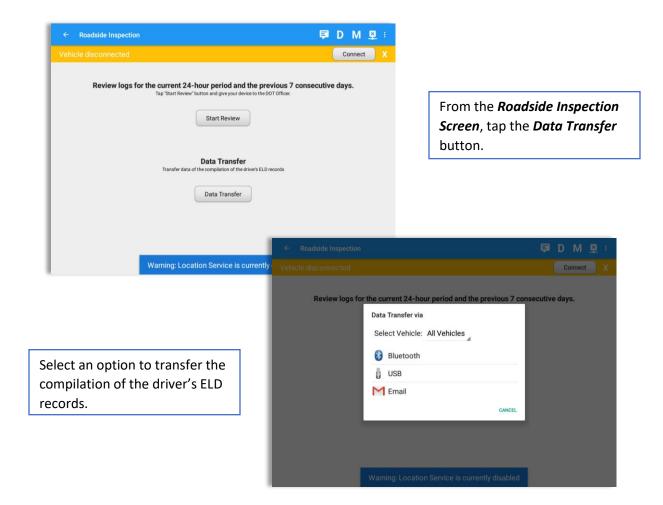




703 262 4040 | fmcsa@calamp.com | www.calamp.com

← Roadside Inspection				DM.	₽ C (]	
	🔶 🛛 Fri J	ul 15, 2016	\rightarrow			
SB					00:00 01:39 00:10 11:13	Tap the Previous 🗲 butto
Time Location	Duration	Odometer	Eng Hours	Event Type/Status	Origin	to navigate to the previous lo
12:00 AM	09h 04m	0	0.0	OffDuty	Auto	
08:34 AM		0	0.0	Login	Driver	\rightarrow
08:41 AM		0	0.0	Remark	Driver	or tap the 🛄 Next button
09:04 AM	19m	0	0.0	*OffDuty	Driver	
09:23 AM	10m	0	0.0	OnDuty ND	Driver	to navigate to the next log.
09:34 AM		116	97603.0	Power On	Auto	to havigate to the next log.
09:34 AM		0	0.0	Miss Diag	Auto	
09:34 AM		0	0.0	*Driving/IC	Auto	
09:34 AM 8561mi N St. John's, 5	01h 39m	0	9.0	*Driving	Auto	
09:34 AM		116	97611.0	Miss Diag	Auto	
09:34 AM		116	97616.0	Pos MF	Auto	

6.4 Roadside Inspection Screen – Data Transfer





7 Switch Equipment

The Switch Equipment feature allows a driver to easily 'switch' from one vehicle to another. It also assists in monitoring and documenting the vehicles being used as part of their driver logs.

There are a number of ways to access this feature:

7.1 Switch Equipment – Main Navigation Menu

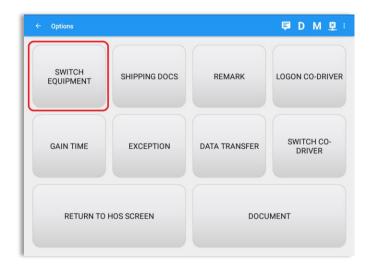
÷	Hours of Service		₹c €
	alfonso@yopx.com Tap to add or change driver		
Ê	Hours of Service	Alfonso Tran II	ROADSIDE INSPECTION
•	Job Sites		
Q	DVIR	AAN 2563	
±.	Work Orders		OPTIONS
	Switch Equipment	None	
Q	Roadside Inspection		LOGS
	Documents		
Ðð	Fuel Receipts	RECAP	
•	Settings		DVIR
0	Help & Support		
÷	Logout	START BREAK	SHIFT/CYCLE

 Slide the screen from left to right to show the *Main Navigation Menu* Or
 Tap the *Main Navigation Hamburger* icon to show the Main Navigation Menu.
 Tap the *Switch Equipment* option within the *Main Navigation Menu*.

Note: User must provide a password when exiting from the Roadside

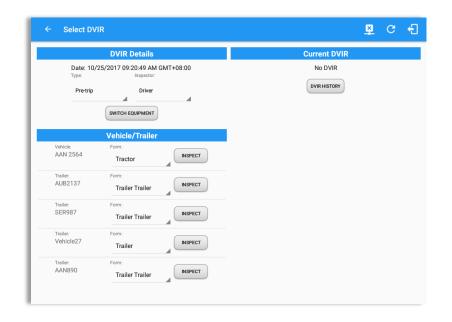


7.2 Options Menu



From the *Hours of Service Main Screen*, tap the *Options* button and then tap the *Equipment* button.

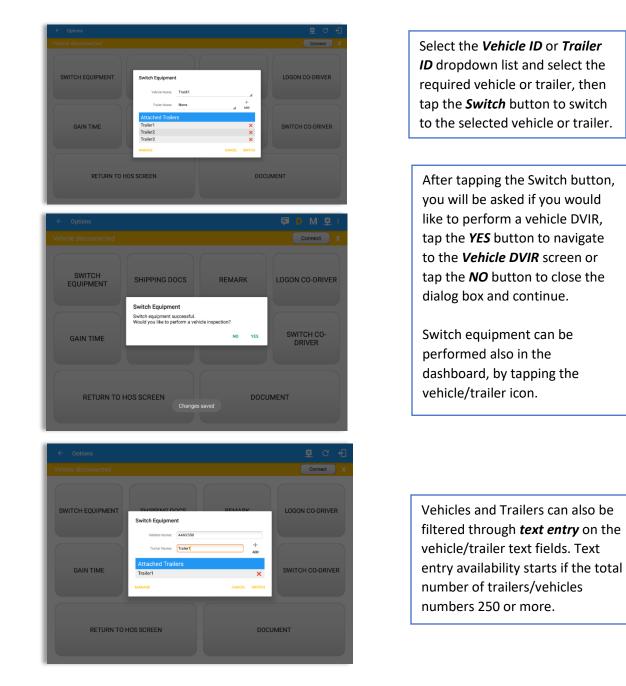
7.3 Switch Equipment – DVIR Screen



 Slide the screen from left to right to show the *Main Navigation Menu*. Or
 Tap the *Main Navigation Hamburger* icon to show the Main Navigation Menu Tap the *DVIR* option within the *Main Navigation Menu*.
 Select the *DVIR* button from the Main Hours of Service Menu and then select the *Switch* button.



7.4 Switching Equipment

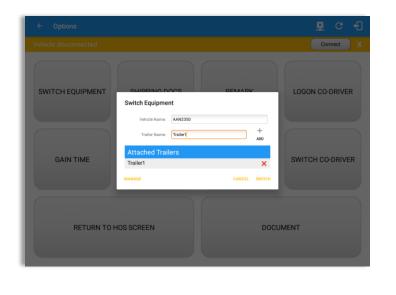


Switching or selecting a Vehicle with a preconfigured VBUS device enables the app to find and connect on the match device.

Note: On the VBUS Settings, VBUS Data and Automatic Configuration should be enabled.



7.5 Managing Vehicles / Trailers



You can add, update and delete vehicles or trailers by tapping the *Manage* button; this will display the *Manage Vehicles/Trailers Screen*

The 'Manage' button is only available given a situation, that the driver is an asset admin and that the 'Manage Equipment' option (found in the Equipment Management Page) is also enabled. Otherwise, the button will not be available on the Switch Equipment dialog.

7.5.1 Manage Vehicles / Trailers – Delete

				Connect X
Name	License Plate	VIN	Туре	+
AAA	AAA 123	64DSDAWER23W6OMKI	Vehicle	2 ×
BBB	BBB 123		Trailer	1 ×
Truck 10	AS 4501	1542ASDE2033DW450	Vehicle	1 ×
UpTest123	12YTU12	12345KILOP09520GH	Vehicle	2 ×

To delete any of the vehicles or trailers listed, tap the $\stackrel{\scriptstyle{\scriptstyle{ \rm M}}}{=}$ icon.

Vehicles/Trailers made in the portal can be edited or deleted can be in the iOn Hours app and vice versa.



ATrack1	789SSF	-567ERT457YUGH678U	Vehicle	1
CARTASITE	678ASW677	-5678R45TY6UYG560P	Vehicle	1
Cole2	689	-6899IUJH78NMJHU78	Vehicle	1
ColeTest	Delete Vehicle		hicle	_
CT5Trailer	Delete CTVehicle?		railer	/
CTrailer		CANCEL DEL	railer	1
CTVehicle	WERDFGG	-123456SDFFAS34567	Vehicle	/
DIGIWVA1	3013	-Q1234567890654000	Vehicle	/
EQPortal4	676767yyh	9087HGTF54RE3456Y	Vehicle	/
Fail1	26789hbnsafd	3GNBAADB0AS527141	Vehicle	1

Tap the **DELETE** button within the **Delete Vehicle** dialog to confirm deletion or, tap the **CANCEL** button to return without deleting.

7.5.2 Manage Vehicles / Trailers - Edit

← Manage Vehicles/Tr	ailers			💆 C	÷Ð							
ehicle disconnected				Connect	X							
Name	License Plate		Туре	_	+							
AAA	AAA 123	64DSDAWER23W60MKI	Vehicle	1	×							
BBB	BBB 123		Trailer	1	×							
Truck 10	AS 4501	1542ASDE2033DW450	Vehicle	1	×							
UpTest123	12YTU12	12345KIL0P09520GH	Vehicle	1	×							
			_			aile Modify Equipm	ent					
						Equipment			Ту			
				AAN 256		Name	AAN 2563		Veh	icle	1	
				AAN 2564		Туре	Vehicle		Veh	ista		
				AAA 200-		VIN	5NPET4AC4AH632209					
				AAN 2561		License Plate	922 CCC		Veh	icle	1	
n equipment				AAN890		License Plate State	None		Tra	ller	1	
requipment			-	AUB2136		Use GPS Odometer				ller		
						Use Calculated Engine Hours						
				AUB2137		Device			Tra	ller	2	
				SER987		VBUS Device	Geometris		Tra	ller	1	
			- 8			Connection Type MAC Address	Bluetooth 00:00:00:00:00:00	•				
				SS5690		PIN #			Veh	icke		
				SS5691		Device Name			Veh	icle	2	
				SS5692				CANCEL S/	Veh	icle	/	
			Sea									

To edit any of the trucks or trailers listed, tap the icon, make any required changes to the selected truck or trailer and then tap the *SAVE* button to save the changes or, tap the *CANCEL* button to return without saving.



7.5.3 Manage Vehicles / Trailers – Add

				Connect X
Name	License Plate	VIN	Туре	+ add
AAA	AAA 123	64DSDAWER23W6OMKI	Vehicle	1 ×
BBB	BBB 123		Trailer	1 ×
Truck 10	AS 4501	1542ASDE2033DW450	Vehicle	1 ×
UpTest123	12YTU12	12345KILOP09520GH	Vehicle	1 ×

To add a new truck or trailer, tap the button, this will open the Add Truck dialog, enter the following details:

Vehicle Name – Truck or trailer name VIN – Vehicle Identification Number License Plate – license number Vehicle Type – Vehicle or Trailer

Fill in the **Device Information** section to pre-configure the Vehicle to a specific VBUS device.

Note: The connection type defers on the VBUS Device selected.

					Connect
	Create Equipm	ent		Туре	
AAN 2563	Equipment	Name		Vehicle	1
AAN 2564	Туре	Vehicle		Vehicle	
	VIN	VIN			
AAN 2565	License Plate	License Plate		Vehicle	
AAN890	License Plate State	None	÷	Trailer	1
AUB2136	Use GPS Odometer			Trailer	1
AU82137	Use Calculated Engine Hours Device		0	Trailer	1
SER987	VBUS Device	None	•	Trailer	1
555690			CANCEL ADD	Vehicle	
\$\$5691	5001 HKM	2VRW3D0	28R870001	Vehicle	

Tap the **ADD** button to save the new truck or trailer or Tap the **CANCEL** button to cancel adding the new truck or trailer.

When creating a new equipment, the default selected device option is set to "**None**". Also, If the option "**None**" is selected, on the create/edit equipment screen, all other fields on the ELD configuration section will be hidden.



	Create Equipm	ent					
	Equipment				Con	nect	
	Name	Name		Туре			
AAN 2563	Туре	Vehicle	-	Vehicle		1	
	VIN	VIN					
AAN 2564	License Plate	License Plate		Vehicle		1	
AAN 2565	License Plate State	None	*	Vehicle		1	
AAN890	Use GPS Odometer			Trailer			
AANSYU	Use Calculated Engine Hours			Trainer			
AUB2136	Device			Trailer		1	
	VBUS Device	Digi WVA	*				
AUB2137	Connection Type	WiFi Direct Push Button Mode	*	Trailer			
SER987	MAC Address	00:00:00:00:00		Trailer		1	
	WIFI AP SSID						
SS5690	WiFi AP Password			Vehicle		1	
\$\$5691	Device Name			Vehicle			
333091				Venicle			

Notes:

- When creating/modifying an equipment with a selected type of "**Trailer**", the VIN field is disabled and enabled if the equipment type selected is "**Vehicle**".
- If user selects "Digi WVA" in connection type, then admin password field is required.
- In the Portal, an ability to determine on which VBUS devices will be displayed is present. Accordingly, on the app, only those devices selected on the portal will be displayed in the "VBUS Device" menu.

				Connect X
Name	License Plate	VIN	Туре	+ ADD
AAA	AAA 123	64DSDAWER23W60MKI	Vehicle	/ ×
888	BBB 123		Trailer	/ ×
Truck 10	AS 4501	1542ASDE2033DW450	Vehicle	/ ×
UpTest123	12YTU12	12345KILOP09520GH	Vehicle	2 ×

Once the new vehicle or trailer has been added, it will be displayed in the *Manage Vehicles/Trailers screen.*

If the VIN is optionally populated and that the source is not the engine ECM, it will auto be converted to capital letters when saved.



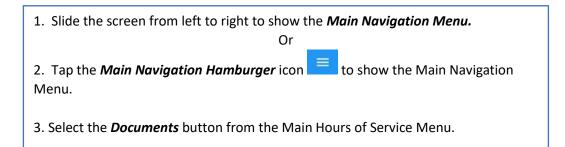
8 Documents

The Documents feature provides an easy way to capture, view and email documents related to hours of service activities. This includes documentation such as bill of lading, fuel receipts, accident photos etc.

There are a number of ways to access this feature:

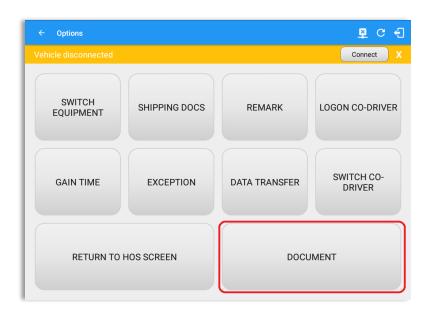
8.1 Documents – Main Navigation Menu

÷	Hours of Service		₽ C (]
	alfonso@yopx.com Tap to add or change driver		
Ê	Hours of Service	Alfonso Tran II	ROADSIDE INSPECTION
•	Job Sites		
٩	DVIR	AAN 2563	
±.	Work Orders		OPTIONS
	Switch Equipment	None	
٩	Roadside Inspection		LOGS
	Documents		
₽ ð	Fuel Receipts	RECAP	
\$	Settings		DVIR
0	Help & Support		
÷	Logout	START BREAK	SHIFT/CYCLE



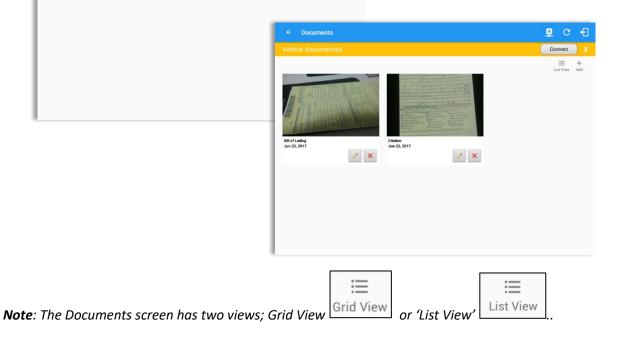


8.2 Documents – Options Menu



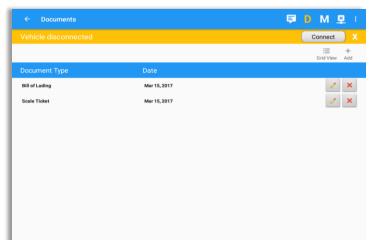
From the *Hours of Service Main Screen*, tap the Options button and then tap the *Document* button.

← Documents		💆 C 🕄
		Connect X
		i≡ + Grid View Add
Bill of Lading	Jun 22, 2017	1 ×
Citation	Jun 22, 2017	/ ×





8.3 Adding Documents





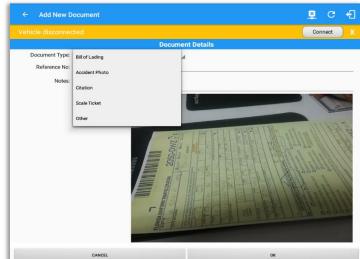
Tap the **Add** button, the camera app will open and you can then take a picture of the document, damage etc.

After tapping the Capture Image button, tap the Save button to save the image and add it to your document. You can also discard the image if you are not happy with the picture by tapping the Retry button.

Select the type of document you wish to save by tapping the Document Type drop down list and selecting from the available options.

Enter your *Reference Number* Add any *Notes* to support the image.

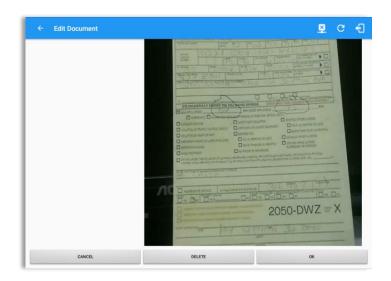
Tap the **OK** button to save and continue or tap the **CANCEL** button to return without saving.

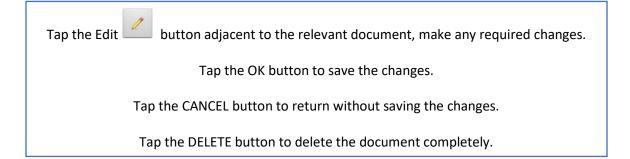




8.4 Editing / Deleting a Document

Vehicle disconnected		Connect
		i⊟ + Grid View Ad
Document Type	Date	
Bill of Lading	Mar 15, 2017	1 >
Scale Ticket	Mar 15, 2017	1 3







9 Add Fuel Receipts

The Fuel Receipt's feature provides an easy way to capture and view fuel receipts purchased related to hours of service activities.

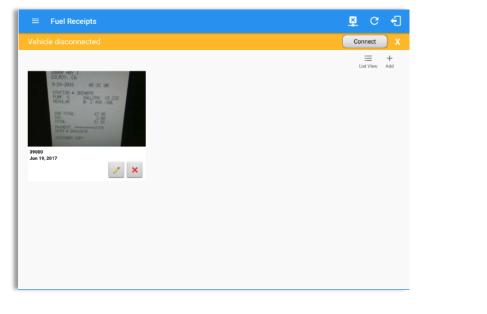
9.1 Main Navigation Menu

÷	Hours of Service		💆 C 🕣
Veh			Connect X
	lowell@x.com Tap to add or change driver		
Û	Hours of Service	e Lowell Frazier II	ROADSIDE INSPECTION
÷.	Job Sites	_	
÷	Work Orders	KUL 256	OPTIONS
	Switch Equipment	None	
٩	Roadside Inspection	Thome	
	Documents		LOGS
	Fuel Receipts	RECAP	
\$	Settings		DVIR
0	Help & Support		
÷	Logout	START BREAK	SHIFT/CYCLE

- 1. Slide the screen from left to right to show the Main Navigation Menu.
- or 2. Tap the **Main Navigation Hamburger** icon to show the Main Navigation Menu.
- 3. Tap on the Fuel Receipts button from the Main Hours of Service Menu.

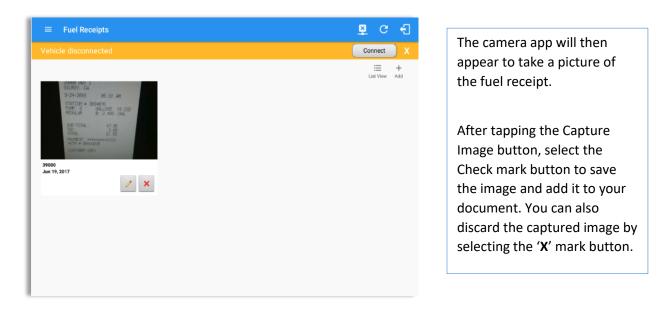


9.2 Fuel Receipts Screen



Note: You can change the documents' view to either **"List View"** or **"Grid View"**.

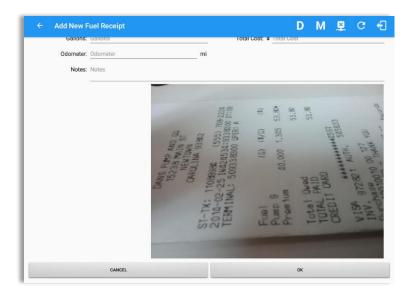
9.3 Adding Fuel Receipts





Document Details Reference No: 1502 Date/Time: 06/19/2017 07:49 AM City: Dity State/Province: Alabama (AL) Vehicle: Freight 1 Fuel: Gasoline Gallons: 1.345 Total Cost: \$ 53.80 Odometer: Odometer mi Notes: Notes Total Cost: \$ 53.90 Gallons: 1.345 Total Cost: \$ 53.80 Odometer: Odometer mi State Vehicle Fuel: Gasoline Gallons Total Cost: \$ 53.80 Total Cost: \$ 50.900 State Odometer Odometer: Odometer Miles State State Gallons State Odometer Odometer: State Odometer State Odometer State Gallons State Odometer State Odometer State Odometer State Odometer State Odometer State Odometer State Notes			Connect X	
Reference No: 1502 Date/Time: 06/19/2017 07/49 AM City: Dity State/Province: Alabama (AL) Vehicle: Freight 1 Gallons: 1.345 Odometer: Odometer Notes: Notes (Base multi Allo State) Image: State Allo State) Vehicle: Image: S	Docume	nt Details		Fill in the necessary information
Vehicle: Freight 1 Fuel: Gasoline Gallons: 1.345 Total Cost: \$ 53.80 • State Odometer: Odometer mi • Fuel: Type Notes: Notes • Gallons Total Cost: \$ 555 709-2228 • Odometer Odometer: • Odometer • Odometer Notes: • Total Cost • Odometer Image: Puer AND BUILING Streaments • Odometer • Odometer Image: Puer AND BUILING Streaments • Odometer • Odometer Image: Puer AND BUILING Streaments • Total Cost • Odometer Image: Puer AND BUILING Streaments • Fuel: Type • Odometer Image: Puer AND Streaments • State • Notes	Reference No: 1502	Date/Time: 06/19/2017 07:49 AM		
Gallons: <u>1.345</u> Codorneter mi Notes: Notes	City: City	State/Province: Alabama (AL)	4	Reference No.
Odometer: mi • Fuel Type Notes: Notes: • Gallons Understand • Total Cost Understand • Odometer Understand • Notes	Vehicle: Freight 1	Fuel: Gasoline		• State
Notes: Notes	Gallons: 1.345	Total Cost: \$ 53.80		Vehicle
Control Proper Anti BU Control Cost Cost Control Cost Control Cost	Odometer: Odometer m			Fuel Type
Market Freier Nach Die Neutron Nach Die Neutron Nach Die Struck Link Baser • Odometer • Notes Struck Zust Baser (S55) 708-2224 • Notes	Notes: Notes			Gallons
152283 MAXIN ST • Odometer NEVTONN CARLINA STARZ • Notes ST-TK-T INDERED (555) 706-222 • Notes 2016-02-25 INDERED 1503 000 07:03 • Notes				Total Cost
ZU W VW C Z AWARANA SARANA U PRES A		15238 MAIN ST NEWTOWN		• Odometer
		2010-02-25 IM020530:9338300 07:09		Notes
Print 0 Print 10, 109/10/105/153,004		Fuel (5) (5/(5) (5) Puero 9 Premium (0.000 1,345 53,80*		

Note: Unlike adding a document (e.g Citation or Bill of Lading), additional fields will be displayed when adding a Fuel Receipts.



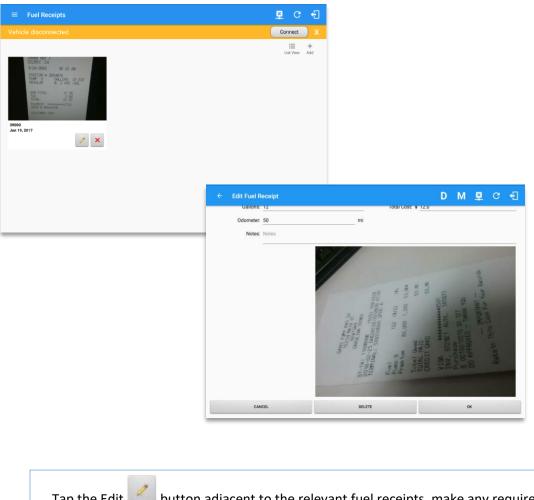
Notes:

- If the state selected is in **US**, the odometer and volume unit display is in **Mi** & **Gallons**.
- If the state selected is in **Canada**, the odometer and volume unit display is in **KM** & **Liters**.
- For every Fuel Receipt created via the App Fuel Receipt feature, it creates a Remark event, found on the Edit Logs screen, with a note "Purchased 1.345 gallons at \$53.80 price (sample note for the above purchased).



After filling in all the fields you can now tap the **button** to successfully add the document. You can also tap the **button** to cancel adding the fuel receipt.

9.4 Editing or Deleting a Fuel Receipts

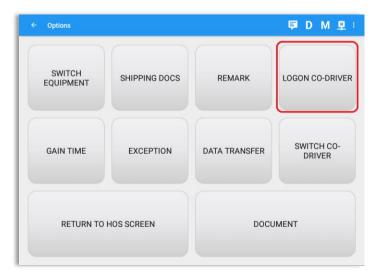


Tap the Edit we button adjacent to the relevant fuel receipts, make any required changes. Tap the OK button to save the changes. Tap the CANCEL button to return without saving changes. Tap the DELETE button to delete the fuel receipt completely.



10 Co-Drivers

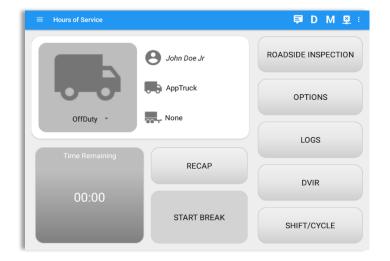
10.1 Logon Co-Driver



From the *Hours of Service Main Screen*, tap the *Options* button and then tap the *Logon Co-Driver* button.



Personnel accounts cannot be Co-Drivers. Only authenticated users with a Driver role are allowed to log-in as Co-Driver.



The Co-Driver must enter his/her Username & Password and then tap the Login button to continue, he/she will then be logged on successfully and the Hours of Service Main Screen will display Their log details.

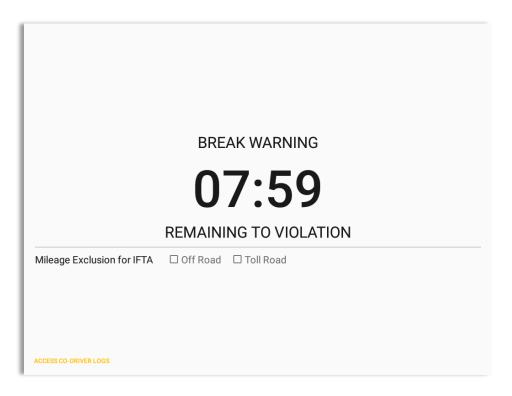


Star	t Time: 12AM		\leftarrow	Mon Nov 21, 20	016 ->		US70hr8days
D SB D ON		3 4 5 6					11 M Total 11:32 00:00 00:36 00:66 12:14
1			Distant				12:14
Viola	ition: none ivers: green cross		2000	Except	tion: none now all events		12:14
Viola		Start	Duration	Except		+ EXCEPT	+ ADD
Viola	ivers: green cross			Except	now all events		+
Viola o-Dri	ivers: green cross	Start		Except	now all events Note		+ ADD
Viola o-Dri 39	Status Remark	Start 09:45 AM		Except	Note Unauthenticate Co-driver logged in: green		+ ADD EDIT
Viola o-Dri 39 40	Status Remark Remark	Start 09:45 AM 09:56 AM		Except	Note Unauthenticate Co-driver logged in: green cross		+ ADD EDIT EDIT

In addition, the Co-Driver's name is displayed in the daily logs which is placed under the grid chart.

Team Driving

When in Team Driving, The Co-Driver is allowed to review his/her information by having the "Access Co-Driver Logs" option on the lock screen which allows them to access the HOS dashboard and subsequently select the Logs option while the vehicle is still in motion.



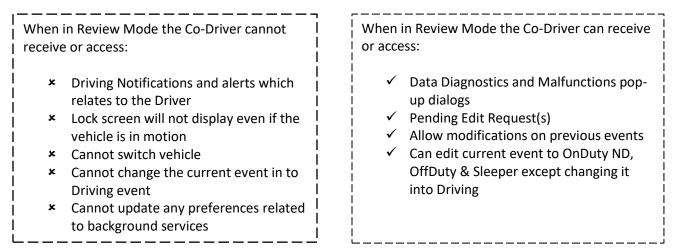


Choose Driver john.doe+1@gmail.com j@live.com	● ○			jc j0	Enter	er Authe r passwo Show Pas	rd for j@l		n CANCE	l ok				
ACCESSICO-ORM/THILDOS	CANCEL	q a t	2 [®] W Sym	3 # e c x	4 / r	5 t <u>f</u> v	g	y b Englis	u 1 n	8 * i j m	9 (0 k	0) P I	Done	

See steps in 9.2 Switch Driver to complete process

Once the Co-Driver has successfully logged in, the main dashboard is displayed with the co-driver's information while setting the app in Review Mode with limited capabilities.

Review Mode



Notes: (when the vehicle is still in motion)

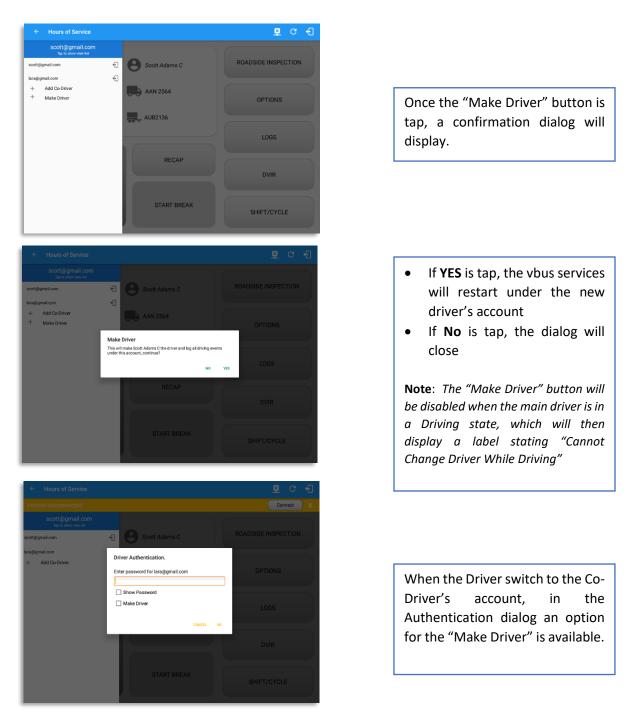
• Attempts to change the status to Driving will only display an error stating "Cannot change status while vehicle is in motion."



• Attempts to Accept requested driving event is not allowed in a co-driver's account, instead an error dialog is displayed stating that "Only "Driver" can switch to "Driving" as current status."



When a Co-Driver is on the Review Mode and that the vehicle is not in motion, an option to make the co-driver to become the Driver is available on the Drivers List.



Note: A driver that is set as the Driver is the one currently using the application while the other one is only in the monitoring state.



Reassign Driving Time

The ELD allows the driver to reassign his driving time to a co-driver.

Start	Time: 12AM		÷	Mon Nov 21, 201	6 ->				US70hr8day
M FF SB		4 5 6	7 8 9	10 11 N 1 :	2 3 4	5 e		3 9 10	11 M Tota 11:4 11:4 00:0
D ON			Reassign	Driving Time					00:3
	ion: none ers: green cross			Automatic Trans					12:2
			Select Driver:	greencross@x.o	com	*		+ EXCEPT	+ ADD
57	ELD Logout	11:53 AM			CANCEL	ок		EXCEPT	NOTE
59	Remark	12:19 PM		5mi WSW Rapid City, SD	Cruine Io	ngeu III. gree 088	n		EDIT
60	ELD Login	12:21 PM		5mi WSW Rapid City, SD	ELD Co	nnection			NOTE
62	Power On	12:25 PM		5mi WSW Rapid City, SD	Automatic	Transition			NOTE
64	Driving	12:26 PM	00m	5mi WSW Rapid City, SD	Automatic	Transition			EDIT

← View Log					- 9		
Start Time: 12AM	Reassign Drivir	ng Time					US70hr8days
M 1 2 3 4 5 6	Note: Aut	omatic Tran	sition		5 7 8	9 10	11 M Total
SB	Select gre	encross@x.	com	÷			
P	Driver:						00:38
	Reassign Drivi	ing Time	CANCEL	ОК	ليليليلين	ևևևև	00:06
Violation: none	Are you sure you y	-	this drivina	event?			
Automatically	,,,,,,		-		utomatics		
1 - 2 @ 3 #			NO	YES	9 (0)	Del
q w e	r t	у	u	i	0	р	
a s d	f	g h	j		k I		4
t z x	c v	b	n	m	, !	. ?	Ť
Ctrl Sym		English				4	

Tap on the Edit button of the created auto driving event to display the Reassign Driving Time dialog. Select for the co-driver's name of the list.

Once the OK button is tap, it will display a confirmation dialog whether to proceed to reassign the driving time event.

- If YES is tap, the driving event will recorded as an Inactive Changed (IC) event on the main driver's log
- If **No** is tap, the dialog will close and will not reassign the driving time.

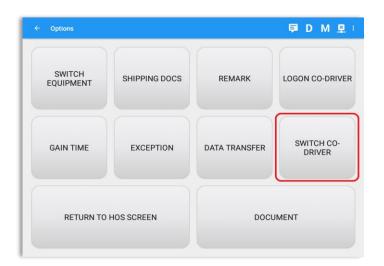
Switch to the Co-Driver's account to check the Reassign Driving Time which will be displayed on the Pending Edit Request dialog.

- If Accepted, the driving event will be reassigned and recorded on the co-driver's log.
- If Rejected, the driving event will not be recorded under the codriver's log. However, it will be displayed as an Inactive Changed Rejected (ICJ) event (both Main and Co-drivers log).

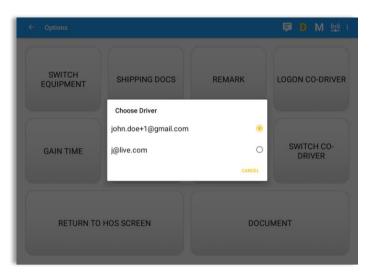
Note: A Co-Driver is not allowed to accept or reject a requested Driving event. Only "Driver" can switch to "Driving" as current status.



10.2 Switch Driver



From the *Hours of Service Main Screen,* tap the *Options* button and then tap the *Switch Co-Driver* button.



Driver Authentication. Enter password for j@live.com SWITCH EQUIPMENT LOGON CO-DRIVER Show Password ок ROADSIDE SWITCH CO-3 # 7 & 2 @ 4 / 5 % 8 * 9 (1 -6 ^ 0) Del q w е r t у u i 0 р d f h k а s g j I Done 1 z С v b n m , ! .? t х Ctrl Sym ₽ English(US) ◀ ▶

From within the *Choose Driver* dialog, tap the driver's name who you wish to switch to.

Tap the *CANCEL* button to return to the *Options* screen.

The iOn Hours app then asks the co-driver to input the password to authenticate the account.



11 Shipping Documents

Options			₽ D M 型
SWITCH EQUIPMENT	SHIPPING DOCS	REMARK	LOGON CO-DRIVER
GAIN TIME	EXCEPTION	DATA TRANSFER	SWITCH CO- DRIVER
RETURN TO	HOS SCREEN	DOCU	JMENT

From the *Hours of Service Main Screen,* tap the *Options* button and then tap the *Shipping Docs* button.

← Options		₽ D M 里 :
Vehicle disconnected	Enter Shipping Docs	Connect
	B/L or Manifest No. BL No. 12345	
SWITCH	Shipper and Commodity Enter	LOGON CO-DRIVER
	CANCEL	ок
1 - 2 @ 3 #	4 / 5 % 6 ^ 7 &	8 * 9 (0) Del
q w e	r t y u	i o p 🚳
a s d	<u>f</u> gh <u>j</u>	k I 🛩
t z x	c v b n	m ,! .? 🕇
Ctrl Sym 🔘	English(US)	

Enter the <i>Bill of Lading</i> or <i>Manifest Number.</i>
Enter the <i>Shipper</i> or <i>Commodity</i> .
Tap the OK button to save the details.
Tap the <i>CANCEL</i> button to return without saving.



12 Add Remark

← Options			₽ D M ₽ :	
SWITCH EQUIPMENT	SHIPPING DOCS	REMARK	LOGON CO-DRIVER	From the <i>Hours of Service Mair</i> <i>Screen,</i> tap the <i>Options</i> button
GAIN TIME	EXCEPTION	DATA TRANSFER	SWITCH CO- DRIVER	and then tap the <i>Remarks</i> button.
RETURN TO	HOS SCREEN	DOCL	JMENT	
_				
Options icle disconnected	Add Remark	f Road 🗌 Toll Road	티 전 년 Connect X	
icle disconnected	Off Imi NW Birmingham, AL			Enter the <i>Location</i> (optional).
	□ Off		Connect X	Enter the <i>Location</i> (optional). Enter the <i>Remark.</i>
SWITCH EQUIPMENT	Imi NW Birmingham, AL Enter Remark	CANCEL OK	Connect X LOGON CO-DRIVER	
icle disconnected SWITCH EQUIPMENT	Coff	CANCEL OK ^ 7 & 8 * u i h j k	Connect X	Enter the Remark. Tap the OK button to save the

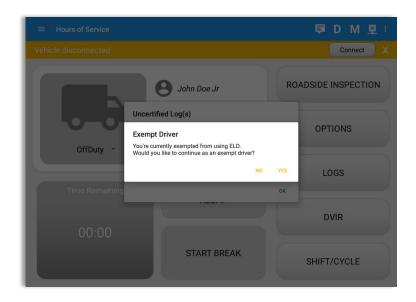
Off Road / Toll Road Feature:

- When **Off Road** is enabled it will create a "Remark" with a note "Off Road". When uncheck it will create a "Remark" with a note "On Road".
- When **Toll Road** is enabled it will create a "Remark" with a note "Start Toll Road". When uncheck it will create a "Remark" with a note "End Toll Road".



13 Exempt Driver

If the Driver is an **Exempt Driver** or a driver that operates under the short-haul exemption (395.1 (e)), upon *logging in* or *logging out* a dialog will display confirming whether the driver chooses to continue as an exempt driver.

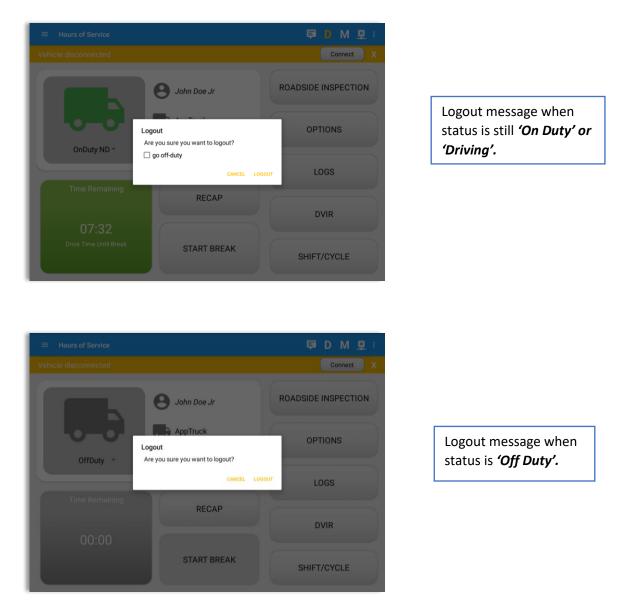


By selecting the OK button, the "No Logs for Non-CDL-Driver Short-Haul Drivers operating within 150 air-miles" exception will be enabled. You can enable Exempt Driver through these steps:

Login to Portal \rightarrow Go to the Drivers Management page \rightarrow Select on New Driver button or select the Edit driver button \rightarrow Enable the Exempt Driver option



14 Logout



Note: Once the "**Logout**" option is tapped, the valid driver that logged into the iOn Hours app will be logged out and the iOn Hours app will be close completely (with no CalAmp service or VBUS service running in the background).



15 Unidentified Driving Events

Unidentified Driving Events are events that are automatically recorded when a vehicle has been moving for more than 3 minutes while there is no driver logged in. These events are recorded under "**Unidentified Driver**" account. Unidentified Driving events can be accepted by actual drivers upon logging in to the app (within the Pending Request(s) window).

🛛 🖬 D М 🕮						* 🗊	`88% 🖡 11::	24 AN
						🖻 D	M 🖳	
						C	onnect	
		0	John Doe Jr		ROAL	DSIDE INS	PECTIO	N
	Pending Edit Re	quest(s)						
		Тар	each event to v	iew details			IS	
	Event	Start	Date			tion	10	
	1 OnDuty ND	07:16 AM	Jan 13, 2017	Personnel	C ACCEPT	کم REJECT		
	2 Driving	07:33 AM	Jan 13, 2017	Unidentified		Э ЕРТ		
	n					CANCEL		
						DVIR		
			START BR	EAK		SHIFT/CY	CLE	

When the next Authenticated Driver logs in or logs out, this popup will then appear. In order for the Unidentified Driving Events to be reassigned, the logged in driver will be the one to accept the **Pending Edit Requests** of the Unidentified Driver.

Do you really want to a	ccept this event?	
Event:	Driving	
Start:	Nov 21, 2016 08:56 AM	
End:	Nov 21, 2016 08:57 AM	
From:		
To:		
Vehicle Miles:	1	
VIN:	Simulated	
Equipment ID:	LheSoo	
Origin:	Unidentified	
Note:	Automatic Transition	
Reason:		
Enter annotation for th	nis event	

Note:

- Odometer field is displayed for edit request(s) made by the Personnel but it is displayed as Vehicle Miles field for edit request(s) made by the Unidentified Driver.

- The Unidentified Driving Event pending edit request dialog has additional details like: **From, To & Equipment ID** compared to that of the Personnel's pending edit request dialog.

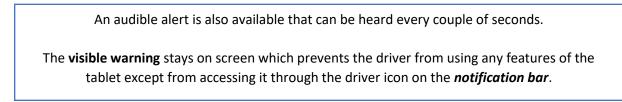


16 Warning Features

Audible and Visible Warning

If the driver logged out from the app and the driver does not log onto the ELD, as soon as the vehicle is in motion, the ELD prompts a visual and audible warning reminding the driver to stop and login to the ELD.

Cal/Amp [®] iOn Hours [™]	
Warning!	
You are not currently logged in, stop the vehicle	
LOGIN	
Forgot Password?	



Location Services

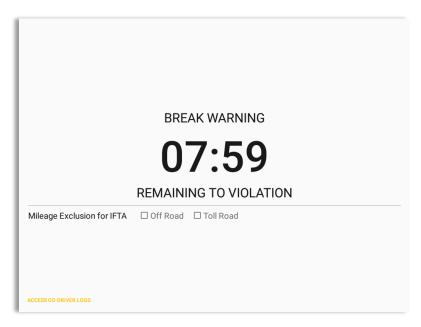
If the driver logged into the application without the Location Services turned on, a snackbar will display on the main dashboard and to other screens except for the screens navigated through the Settings menu. However, when the Location Services of the device is enabled then the snackbar will no longer display.



← Options			🗐 🕽 M 🖳 :
Vehicle disconnected			Connect X
SWITCH EQUIPMENT	SHIPPING DOCS	REMARK	LOGON CO-DRIVER
GAIN TIME	EXCEPTION	DATA TRANSFER	SWITCH CO- DRIVER
RETURN TO	HOS SCREEN	DOCL	JMENT
	Warning: Location Serv	ice is currently disabled	

Lock Screen

All warnings acquired by the authenticated driver while driving, will be displayed on the lock screen and remains on screen along with a countdown (to 00:00) being displayed however the text will dim down after 15 seconds to not distract the driver. The normal text color (black or white, depending on day/night mode) will be displayed upon tapping of the screen.



Note: If the driver stops driving while one of the checkbox is enabled the driver can still uncheck the "Off Road" or the "Toll Road" through the Options screen > Remarks.



17 List of Login Errors

These are the different error messages that appear upon an incorrect login. Follow the steps that follow to determine the cause of the error and to mitigate the problem.

Login Errors	Mitigation Steps
Authentication Failed. Check your network connection.	Ensure that the tablet/mobile phone is connected to a data network or Wi-Fi network.
Invalid user id or password.	Ensure that the email address and password are correct and valid. The password should match the valid email address.
A timeout error has occurred.	Ensure that the tablet/mobile phone is connected to a data network or Wi-Fi network with internet access. If issue persists, try again later or contact CalAmp support at <u>703 262 4040</u> or send an email to <u>fmcsa@calamp.com</u> .
An unknown error has occurred.	Contact CalAmp support at <u>703 262 4040</u> or send an email to <u>fmcsa@calamp.com</u> .
Username is required.	Ensure that the username field is not empty.
Password is required.	Ensure that the password field is not empty.
Login timed out.	Ensure that the tablet/mobile phone is connected to a data network or Wi-Fi network with internet access.
An error has occurred while creating the account. If the error continues please contact CalAmp for assistance.	Try logging in after a few minutes and if error persists, contact CalAmp support to <u>703 262 4040</u> or send an email at <u>fmcsa@calamp.com</u> .
An error has occurred while retrieving account details.	Contact CalAmp support at <u>703 262 4040</u> or send an email to <u>fmcsa@calamp.com.</u>
An error has occurred while setting up the account. Please contact CalAmp for assistance.	Contact CalAmp support at <u>703 262 4040</u> or send an email to <u>fmcsa@calamp.com</u> .
Check account configuration.	Ensure that the driver and the asset are in the same Visibility Sets and has a role Driver role.



Error creating unidentified driver account.	Try logging in after a few minutes and if error persists, contact CalAmp support to <u>703 262 4040</u> or send an email at <u>fmcsa@calamp.com</u> .
A non-driver accounts cannot be login as co-driver.	Ensure that the user account has a role Driver role. Personnel accounts are not allowed to log in as co- drivers.
Your CalAmp version is < current build version >. This version is no longer supported. Please upgrade to < latest build version > or greater for stable operation.	Upgrade the Application to the latest version.

