



MasTrack - MasTrack

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Sign Off

MasTrack

Title	Name	Signature	Date
Partner Name		· ·	
Title	Nama	Signatura	Data

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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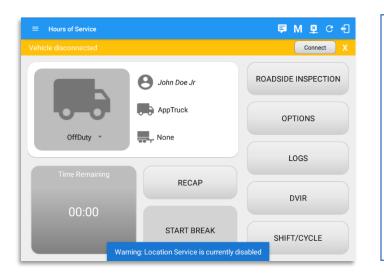


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1 Main Screen

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.



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

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:

$$\equiv Hours of Service \qquad D M \not \subseteq C \leftarrow \Box$$

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

Action Tool Name	Action Tool Icon	Description	
Main navigation hamburger		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		Tap to log out of the app, this will also set your
	-	Tap to log out of the app, this will also set your
		status to Off Duty. Hidden under 🛄 submenu
		icon once all icons are present.
Malfunction Button	М	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	F	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 MasTrack 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 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



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2.1 Hours of Service Settings

2.1.1 Set Hours of Service Preferences

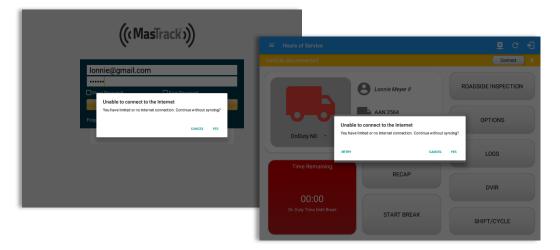
This is where the basic driver, vehicle, carrier and shipping data is entered and stored within the app. The identification data stored here is then used by the app, web portal and in the driver's daily log report.

• 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).

\equiv Hours of Service		D 🛱 C 🕂
Vehicle disconnected		Connect X
	Leonard Doe Jr.	ROADSIDE INSPECTION
OffDuty •	Vehicle Name: Truck1 Trailer Name: Trailer2 ADD	OPTIONS
Time Remaining	Attached Trailers Trailer1 X Trailer2 X	LOGS
00:00	MANAGE CANCEL 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.





2.1.2 Capturing the Driver's Signature

The app 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**:

		🔋 100% 🖻 12:11 PM	
← Settings			
	Hours of Service		
GPS Gps Preferences	Driver Information		The Driver Information section of the screen
Device Device Preferences	Driver	John Doe IV	will be displayed along with any signature that
Vehicle Data Settings Vehicle Bus Data Configuration	CDL # & Issuing State	123659-60 MO	has been created for the driver. Tap on the
Debugging Features for troubleshooting	Email	john.doe+8@gmail.com	has been created for the driver. Tap on the
About Copyright ©2017 MasTrack		CHANGE PASSWORD	icon to create or change the signature.
	Signature	M	
	Carrier Information		
	Carrier	Telerik Inc.	
	Carrier DOT No.	78965-569	
		2720 N Greenview Ave N	
← Change Signature		🖻 D 🗐 C 🕣	
	Create your signature he	ere.	
			Create or update your signature in the app
			by using your finger to create your signature.
CLEAR		DONE	





Tap the Done button to save your signature. You can also select the Clear button to clear the captured signature and start again.

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					
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			
	Mail Office	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			*

Enter details for the following:
Carrier Name
Carrier DOT Number
Main Office Address
Phone Number
Home Terminal Details of the driver



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 hour 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
Alaska80hr8days	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



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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	÷
About	Cycle USA US 70hr8days	
Device Device Preferences	Home Terminal Time Zone Alaska 70hr7days	
	Start Hour of Day Alaska 80hr8days	
	Cargo Alabama 60hr7days	
	Switch to Intrastate rules when p Alabama 70hr8days Use 34 Hour F	
	Use Canadian Off Duty C	
	Florida 70hr7days	
	Other Florida 80hr8days	
	Lock Screen Style Illinois 60hr7days	
	Use Legacy Editing Illinois 70hr8days	
	PDF Report Email Maryland 70hr7days	

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.

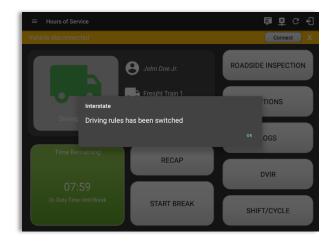


Example:

SouthCarolina80hr8days to US70hr8days

or

SouthCarolina70hr7days to US60hr7days

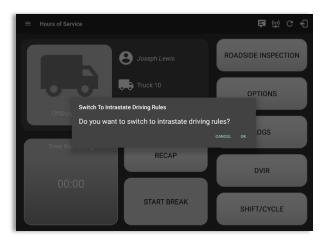


• Interstate to Intrastate driving rules

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
Vehicle Data Settings Vehicle Bus Data Configuration	Country USA
About	Cycle USA US 70hr8days
Device Device Preferences	Home Terminal Time Zone Central (CST6CDT)
	Start Hour of Day 12 am
	Cargo Property
	Switch to Intrastate rules when p Passenger
	Use 34 Hour Keasan
	Use Canadian Off Duty Deferral
	Exceptions
	Other
	Lock Screen Style Remaining to violation
	Use Legacy Editing Mode
	PDF Report Fmail 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



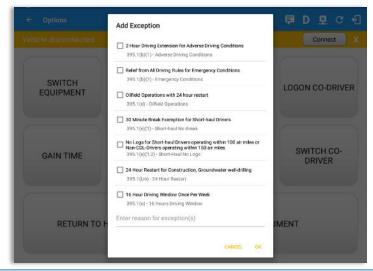
• 16 Hour Driving Window

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.	on 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.



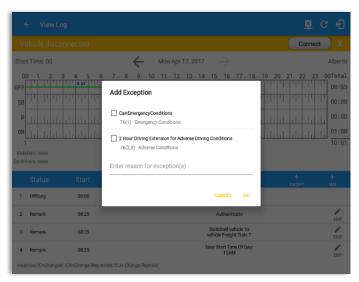
Available Canada Exceptions Options

- 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		ÞDQ C
Vehicle disconnected	Add Exception	Connect X
SWITCH EQUIPMENT	Hour Driving Extension Special Permit 62 - 2 Hour Driving Extension Permit OII Well Service Permit 63 - 01 Well Service Permit	LOGON CO-DRIVER
GAIN TIME	CanEmergencyConditions 26(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	SWITCH CO- DRIVER
RETURN TO H	81 - No Logs Enter reason for exception(s) CANCEL OK	JMENT

Available Alberta Province Exceptions Options

- CanEmergencyConditions
- 2 Hour Driving Extension for Adverse Driving Conditions





<u>Time Zone</u>

	Hours of Service		
GPS PS Preferences	Driving Rules		
/ehicle Data Settings /ehicle Bus Data Configuration	Country	USA	*
About	Cycle USA	US 70hr8days	*
Device Device Preferences	Home Terminal Time Zone Start Hour of Day	Canada/Newfoundland	
	Cargo Switch to intrastate rules when p Use 34 Hour i	Eastern (EST5EDT)	
	Use Canadian Off Duty D	Mountain (MST7MDT) Pacific (PST8PDT)	
	Other	America/Anchorage	
	Lock Screen Style	Asia/Manila	

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	
Vehicle Data Settings Vehicle Bus Data Configuration	Country USA	*
About	Cycle USA US 70hr8days	*
Device	Home Terminal Time Zone Central (CST6CDT)	*
Device Preferences	Start Hour of Day 12 am	
	Cargo Property	-
	Switch to Intrastate rules when possible	
	Use 34 Hour Restart	
	Use Canadian Off Duty Deferral	
	Other	
	Lock Screen Style Remaining to violation	*
	Use Legacy Editing Mode 🛛 🥚	

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

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



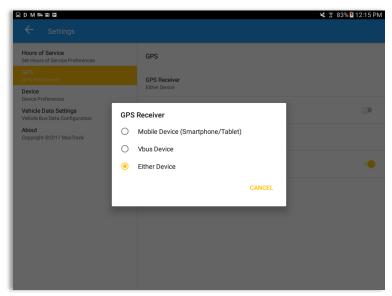
Lock Screen Style

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.

	Hours of Service	
GPS GPS Preferences	Country USA	
/ehicle Data Settings /ehicle Bus Data Configuration	Cycle USA US 70hr8days	
About	Home Terminal Time Zone Central (CST6CDT)	
Device Device Preferences	Start Hour of Day 12 am	,
	Cargo Property	
	Switch to Intrastate rules when possible	
	Use 34 Hour Restart 🛛 🥐	
	Use Canadian Off Duty Deferral	
	Exceptions	
	Other	
	Lock Screen Style Remaining to violation	
	Use Legacy Editing 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 Unit of Distance

Setting the default unit of measures

Application Data Reter Unit of Distance	ntion
Мі	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
Monochrome	0
Teal	0
Green	0
Orange	0
Blue Grey	0
Purple	0
Cancel	

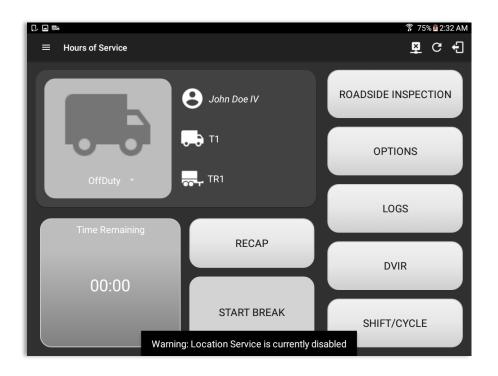


≡	Hours of Service	C	÷
=	Hours of Service	G	÷
=	Hours of Service	G	÷
≡	Hours of Service	G	÷
≡	Hours of Service	G	Ð
≡	Hours of Service	G	÷
≡	Hours of Service	G	÷



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)).

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.

Nombre de usuario		10% 012:04 PM			
Contraseña Gu Mostrar contraseña Gu INICAR SESIÓ ¿Se te olvidó tu contraseña?	ardar contraseña □ M ➡ □ ♣			8 100% ₫ 8:44 AM 모 C C Relier X	
		Gru Des III	INSPECTION		
	OffDuty -	Truck 91	ΟΡΤΙΟ	ONS	
	Temps restant	RÉSUMER	LOG		
	00:00	Enregistrement capture d'écran. Coptions Véhicule déconnecté			M 🖳 C 🕣
		ÉQUIPEMENT DE COMMUTATION	DOCUMENTS D'EXPÉDITION	REMARQUE	LOGON CO- CONDUCTEUR
		GAGNER DU TEMPS	EXCEPTION	TRANSFERT DE DONNÉES	COMMUTATEUR CO-CONDUCTEUR
		RETOUR À L'É	CRAN HOS	DOCL	JMENT
		Avertisser	ment: Le service de loca	lisation est actuellement o	désactivé

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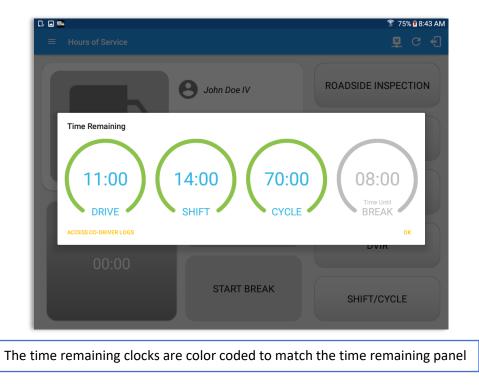
3 Familiarizing the Hours of Service Main Screen Tiles

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

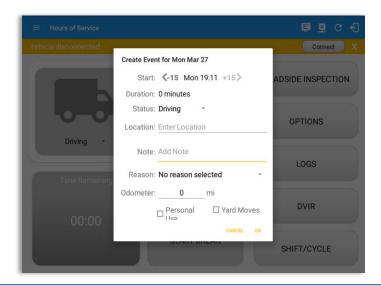
3.2 Changing the Driver's Duty Status

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 buty -	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 Personal Use is enabled, events except Off Duty will not be displayed in the grid but is displayed in the event history list. Off duty will always be the display in the grid and when the driver makes an automatic event, lock screen will also be shown.
- 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.
- If Yard Moves is enabled, events except On Duty will not be displayed in the grid but is displayed in the event history list. Off duty will always be the display in the grid and when the driver makes an automatic event, lock screen will also be shown.

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.

	2				¥ 🔋 79% 🕯 9:45 AM					
=		Recap			自立の也					
6		Day	Date	Hours worked				•	utton to bring (•
		Thu	Jan 26	00:00	ADSIDE INSPECTION				on for the spec	
		Fri	Jan 27	00:00	Saving screenshot		duty day a	and cori	responding cyc	le data
		Sat	Jan 28	00:00	Hours of Service	Deser			<u>→</u> <u>→</u> → □	
	OffDuty -	Sun	Jan 29	00:00		Recap Thu	Jan 26	00:00		
	onbuty	Mon	Jan 30	00:00		Fri	Jan 27	00:00	ADSIDE INSPECTION	
		Tue	Jan 31	00:00		Sat	Jan 28	00:00		
		Wed	Feb 01	00:00		Sun	Jan 29	00:00		
		Thu	Feb 02	00:00	-0-0	Mon	Jan 30	00:00	OPTIONS	
		Total hou	ırs last 8 days	00:00	OffDuty -	Tue	Jan 31	00:00		
		Hours av	ailable today	69:33		Wed	Feb 01	00:00	LOGS	
				ок	Time Remaining	Thu	Feb 02	00:00	2003	
	_					Total hou	ırs last 8 days	00:00		
					00.00	Hours av	ailable today	69:33	DVIR	
					00:00	Hours wo	orked today	00:26		
						Hours av	ailable tomorrow	69:33	SHIFT/CYCLE	
								OK	OTHE TY OF DEL	

3.3 Recap



3.4 Start Break

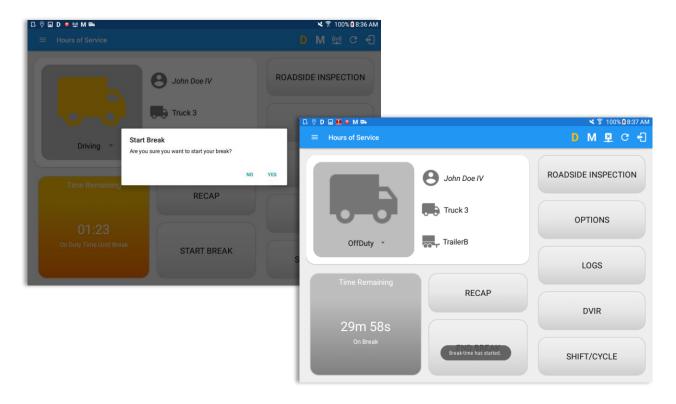
The *Start Break* button will be disabled when the duty status is *Off Duty, Sleeper Berth* or *Waiting at Well Site*.

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:
 - o 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.

← Options			₽ C (]
			Connect X
SWITCH EQUIPMENT	SHIPPING DOCS	REMARK	LOGON CO-DRIVER
GAIN TIME	EXCEPTION	DATA TRANSFER	SWITCH CO- DRIVER
RETURN TO	HOS SCREEN	DOCL	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. For iOS app, the available data transfer services are thru Bluetooth, Email and Web Services only.

Data Transfer via	Data Transfer via
Select Vehicle: Truck1	Select Vehicle: All Vehicles ~
USB	Email
Meb Service	Web Service
CANCEL	CANCEL
Android app Data Transfer options	<i>iOS app</i> Data Transfer options

• **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.

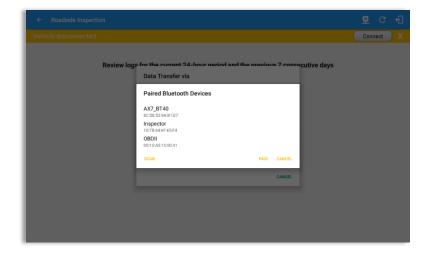
The 'All Vehicles' option will only display on the list when the driver has already driven multiple vehicles for the day.

8 Bluetooth	All Vehicles Truck3 Truck2 Truck1	
USB	Truck1	

• **Transfer via Bluetooth Tethering** - this option enables the user to transfer files through Bluetooth tethering. 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.

Output File Comment Bluetooth Comment	→	To use Bluetooth service Bluet Turn on Blu	
Chars left:43		Cancel	Turn on
CANCEL OK	_		

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





← Roadside Inspection	₽ C 4]
Vehicle disconnected	Connect
Review logs for the surrent 94-hour nariod and the provious 7 or Data Transfer via Paired Bluetooth Devices AX7,8740 Connecting to bluetooth device Control 550041 BOAN PAIR CANCE CONT	 ← Roadside Inspection ✓ C ← Vehicle disconnected Connect × Review logs for the current 24-hour period and the previous 7 consecutive days Tap Start Review button and give your device to the DOT Officer Start Review
	ELD Output File Transferred

After the data transfer process is successful, a toast message will then display at the bottom stating that 'ELD Output File Transferred'.

• **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 Publication 197. 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

After the data transfer process is successful, a toast message will then display at the bottom stating that 'ELD Output File Transferred'.



• **Transfer via USB** - this option enables the user to transfer files through USB (external devices).

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.

	onaro	
	Chars	left:60
Gomment here		
Comment here		
Output File Comment		

Prior to saving the driver's ELD file to an external storage/device, the ELD requires a verification file which can be done by selecting the path where verification file is located.

Select verification file				
/storage				
↑				
UsbDriveA		Select ELDUSBTX.TXT file?		
sdcard0			NO	YES
emulated				
	CANCEL			

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

Select output file storage	
/storage/UsbDriveA/Data Transfer	
₽	
CANCEL	SELECT

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

Note: You can't transfer a file when the verification file in the device is not the same with the verification file in inspector. A toast message will then display "Invalid verification file".



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• **Transfer via Web Service** - this option enables the user to submit ELD output files, and verify that the ELD's certificate, ELD Identifier, and Registration ID are still valid.

← Roadside Inspection	₫ C €
Vehicle disconnected	Connect
Review logs for the current 24-hour period and the previous 7 cons	ecutive days
Data Transfer via	← Roadside Inspection 💆 C 📲
Select Vehicle: All Vehicles	Vehicle disconnected Connect X
1 2 3 Q W Web Service	Review logs for the current 24-hour period and the previous 7 consecutive days Tap 'Start Review' button and give your device to the DOT Officer Start Review
a s u i y ii j κ 2 x c v b n m , Ctrl 11@ @	Data Transfer Transfer data of the compliation of the driver's ELD records Data Transfer
	ELD Dutput File Transferred

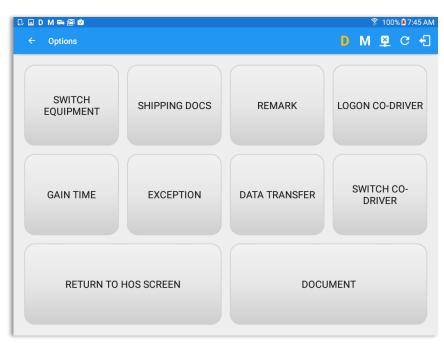
After the data transfer process is successful, a toast message will then display at the bottom stating that 'ELD Output File Transferred'. When the selected vehicle has an invalid information then a dialog will display.

			Connect	
Revi	ew logs for the current 24-hour period and the previous 7 or Tao 'Start Review' botton and give your device to the DOT Officer	onsecutive days		
	Data Transfer via			
	Select Vehicle: All Vehicles			
	Data Transfer Error			
	Error Invalid ELD Registration Information	- 60		
	۵ ۱	ANCEL		
	Web Service			
		ANCEL		



3.6 Options

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



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:

≡							브	C +
	V 0 5 Logs Selected Reset							
	Wednesday Jun 22 Violation: none						Rec	
	Start Time: 12AM		Тар	log chart to	view		Cans	S70hr7da
	M 1 2 3 4	5 6 7 8	9 10 11	N 1	2 3 4	4 5 6 7 8	9 10 11	MTota
	OFF							01:3
	SB	1, 11, 11, 11, 11, 11	11.	11 11 1	111.	.1111.	11,11,11,11,11	00:0
	D	սեսեսեսես	սեսե	սեսե	հեհե	սելերերեր	սեսեսես	00:0
	ON			սեհե	հեհե			00:
	1 2007							01:3
	Driver Log	Edit Shipmer	ts Miles	DVIR				Q Inspect
	Driver John Doe			Pre-trip	Driver	01:22:03 AM	In progress	:
				Pre-trip	Driver	01:09:44 AM	Certified	:
0 0	0 0 01111		ailer Name ailer2					
L	Carrier Carrier1	Carrier DOT No. CDN-001						
		+	\neg	\Box				

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



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3.8 DVIR

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

- Select DVIR	∎ C fl	< DVIR	₽ C €
ehicle disconnected	Connect	Vehicle Disconnected	Connect
DVIR Details Date: 11/24/2017 12:31:59 PM GMT+08:00 Type Pre-trip Vetcle Vetcle/Trailer Vetcle/Trailer Vetcle: Truck1 Truck Form: Trailer Form: Trail2 Select form INSPECT	Current DVIR Pre-trip 123221 PM Certified : Pre-trip 123242 PM In progress : OVIR HISTORY	Vehicle/Trailer Yehicle: Trailer: Trail	Previous DVIII NO DVIR DVIR History
Trailer: Form: Trail3 Select form			
	Android		iOS

- DVIR can be created to suit the vehicle types, all DVIRs will be displayed on this screen.
- DVIR History can be viewed by tapping the DVIR History button in the DVIR screen.

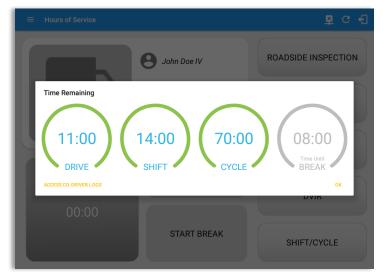
Note:

- DVIR feature for iOS difference compared to Android app is shown on the screenshot above.
- 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

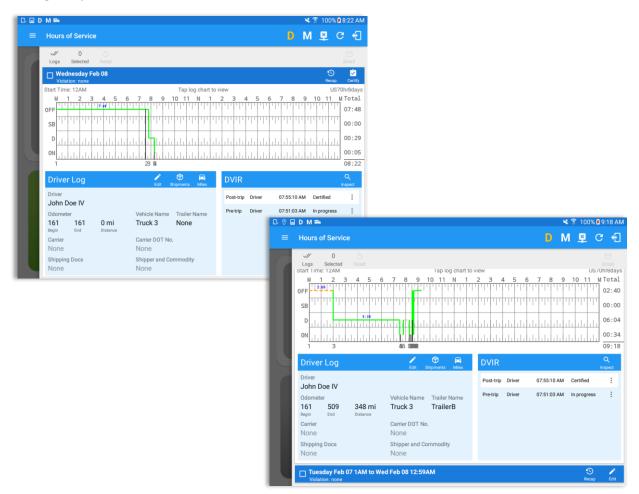
🛯 🖬 D M 🖶 🖼 🖄			🔋 1	00% 🛙 7:45 AM			
← Options			D M 🖳	l C +3			
SWITCH EQUIPMENT	SHIPPING DOCS	REMARK		DRIVER ↓ ■ ■ ← Options			* ☎ 100% 0 8:58 AM
GAIN TIME	EXCEPTION	DATA TRANSFER	SWITC DRI	SWITCH EQUIPMENT	SHIPPING DOCS RE Gain Time At Shift Reset	MARK	LOGON CO-DRIVER
RETURN TO	HOS SCREEN	DOCL	JMENT	GAIN TIME	Today at 06:58 Hours Gained 11:00	PM	SWITCH CO- DRIVER
				RETURN TO	HOS SCREEN Warning: Location Service Is curre		JMENT

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 MasTrack 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.



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*.



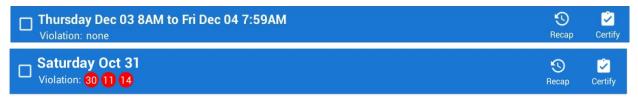
5.1 Using the Driver Logs Bulk/ Multiple Selection Functions

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:

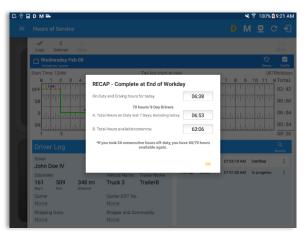




When a certified log has been edited in the portal, it prompts the driver to either accept or reject the proposed changes through the "Edit Suggestions" dialog. Once the driver accepts an edit request, it will display a note on the daily driver's title log stating "*Recertify*", which indicates the log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

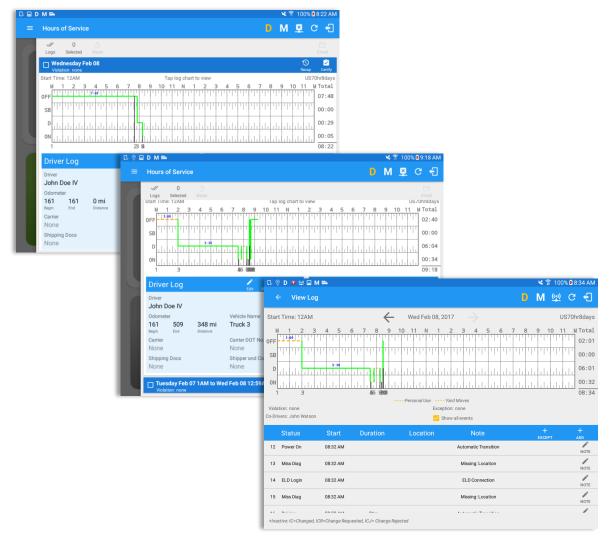


Tapping the *Recap* button will display a complete recap for the end of the workday including:

- 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)

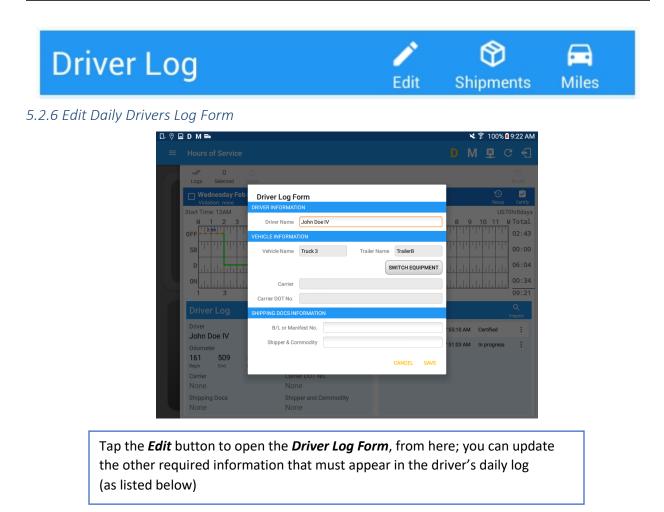


5.2.5 Daily Drivers Log Grid



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.





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

Driver Information

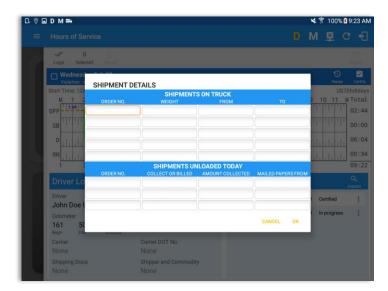
- a) *Driver Name* displays the name of the driver
- b) Vehicle Information
 - Vehicle Name displays the name of the current Vehicle of the driver.
 - Trailer Name displays the name of the current Trailer of the driver.
 - SWITCH EQUIPMENT tap this button to launch the Switch Equipment dialog to select 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

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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

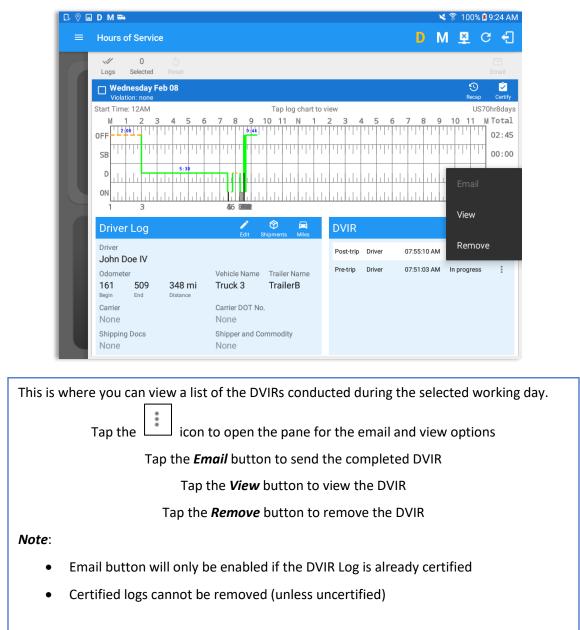
0	DM	₩ 4									🗙 🔋 1	100% 토 9:23 A
				МІ	LES DRI	VEN TO	DAY BY	STATES		D	M §	a c 4
	~//	0		CODE	STATE	LOADED	EMPTY	ROUTED NO.	FUEL TICKETS			
	Logs	Selected	Reset			0	0					Email
		Inesday Fe tion: none	eb 08			0	0					Recap Certify
	Start Tim					0	0					US70hr8da
	M	1 2 3	4 5			0	0			6 7 8	9 10	11 M Tota
	OFF					0	0					02:4
	SB					0	0					00:0
1	D		5:30		TOTAL:	0	0					06:0
4								CANCEL	ОК		11111111 111111	00:3
1	-	2 @	3 #	4 /	/ 5	%	6 ^	7 &	8 *	9 (0)	Del
	q	w	е	r		t	у	u	i	0	р	
	а	s	(t	f	g	H	ı j				4
t		z	x	с		v	b	n	m	,!	.?	+

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



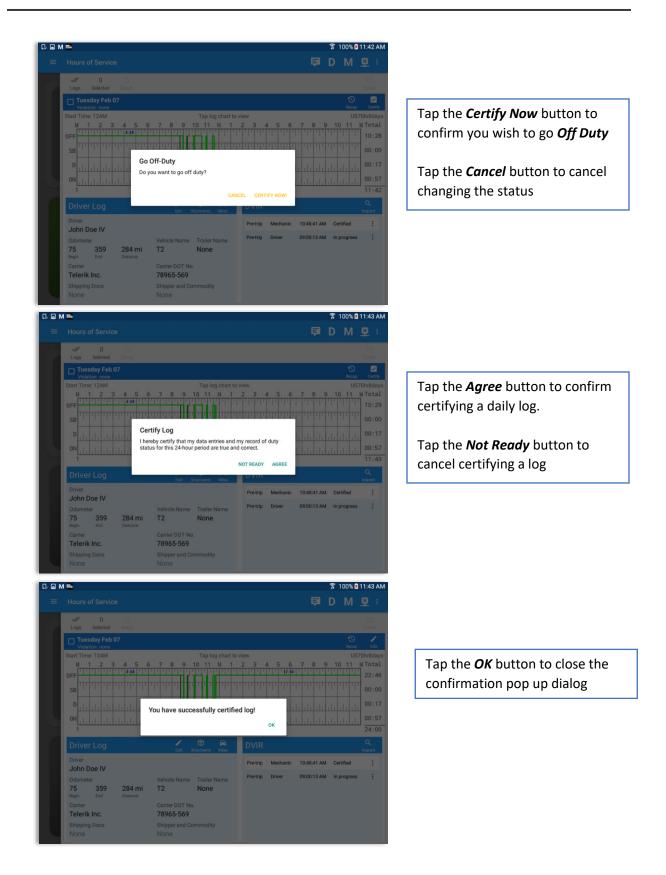
5.2.9 DVIR



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:



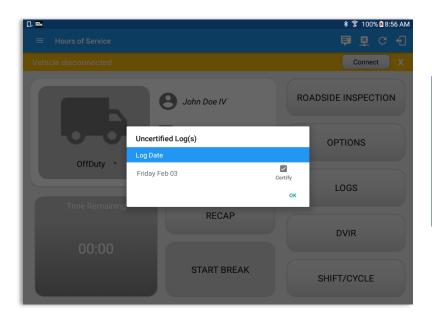




D M 🖦				នៃ 100% 🗴	9.257
				NBC	
V 1 5 Logs Selected Reset					Email
Wednesday Feb 08 Violation: none				S Recap	Certi
Violation: none				S Recap	P Edi
Monday Feb 06 Violation: none				S Recap	Certi
Sunday Feb 05 Violation: 30	Log Report Email the certified log now?				
Saturday Feb 04 Violation: none	Lindi the octained log now.			S Recap	Certi
Friday Feb 03 Violation: none		CANCEL	ок	S Recap	Certi
Thursday Feb 02 Violation: none				S Recap	Certi
Wednesday Feb 01 Violation: none				S Recap	Certi
Tuesday Jan 31 Violation: none				S Recap	Certi

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



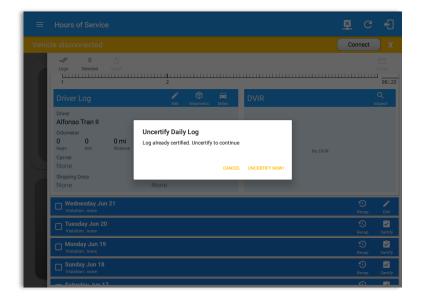
If the driver did not certify all the daily logs, the ELD will prompt the driver regarding uncertified logs upon logging in and logging out to the app along with the option to certify the relevant days

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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

100	D M 🖦			*	100%	9:26 AM
				Μ		C 🕄
	V 0 Selected Reset					Email
	Wednesday Feb 08 Violation: none				S Recap	Certify
	Tuesday Feb 07 1AM to Violation: none				S Recap	Certify
					S Recap	Certify
	Sunday Feb 05 Violation: 30	You have successfully uncertified log!				E dit
5	Saturday Feb 04 Violation: none	,	ок		S Recap	Certify
	Friday Feb 03 Violation: none				S Recap	Certify
	Thursday Feb 02 Violation: none				S Recap	Certify
	Wednesday Feb 01 Violation: none				S Recap	Certify
						Certify

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.



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



You can navigate through the daily driver logs by selecting either back or forward arrows located above the grid $\overleftarrow{\leftarrow}$

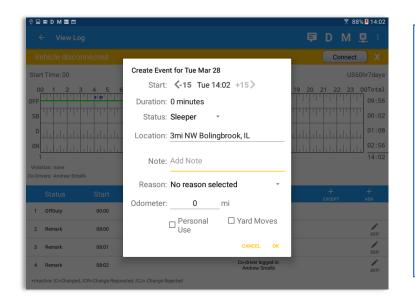
l 🖗 D 🕛 👷 🖬 M 🖦													
← View Log									N	N	<u>((†))</u>	G	£
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1 3 Volation: none - Drivers: John Watson - Status S 12 Power On 13 Miss Diag 00 14 ELD Login 00	B:32 AM B:32 AM			Ex S	ception: nor Show all e Au	vents Note itomatic Tra Missing: Lo	ansition cation ection		E		,	+ ADD N N	

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

((MasTrack))

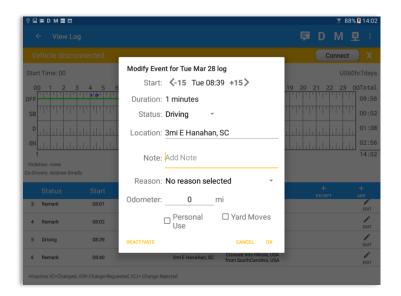
Create Log Event



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



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.

		K 😤 100% 🕯 9:35 AM
		■ D M 里:
	John Doe IV	ROADSIDE INSPECTION
0-0	Truck 3	OPTIONS
OffDuty 👻	TrailerB	
Time Remaining		LOGS
00.00	RECAP	DVIR
00:00	START BREAK	SHIFT/CYCLE

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

						* 7	🕈 78% 🖪 9:33 AM
⊟ Hours							🗳 C 🗲
Vehicle disc						C	onnect X
		8	John Doe IV		ROAD	SIDE INS	PECTION
	Pending Edit Req		each event to vi	ew details			IS
	Event	Start	Date	From	Act	tion	
	1 OnDuty ND	09:26 AM	Feb 03, 2017	Personnel	C ACCEPT	ک REJECT	
Tin						CANCEL	
			RECAF)			
						DVIR	
			START BR	EAK		SHIFT/CY	CLE



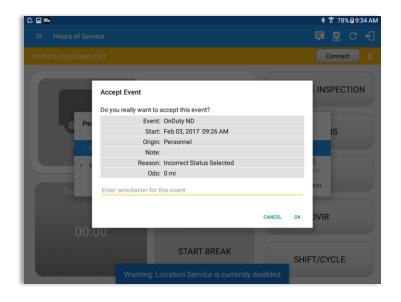
The Pending Request dialog also appears upon certifying a log only if a driver has pending requests. Driver must accept or reject the pending request(s) first before certifying the days' log.

					Connect
0 5 Selected					
day Sep 29 lation: none					S Recep C
Pending Edit Red	quest(s)				US70hrs
	Тар	each event to v	iew details		08
Event		Date			TI III OC
1 OnDuty ND	11:51 AM	Sep 29, 2017	Personnel	ACCEPT REJECT	00
2 Driving	09:42 AM	Sep 28, 2017	Unidentified	ACCEPT	
e				CANCEL	Q
Adams C					
eter 378 -219 mi					
End Dimance			ing Edit Requests		
	Adams C 378 -219 mi Bit Strategy Stra	Attors note Pending Edit Request(s) Tag Event Start 1 OnDuty ND 11:51 AM 2 Driving 09:42 AM Adams C Adams C ter Vehicle Na S78 -219 mi Events AAN 256 Control of Controls AAN 256 Control of Control of Con	Atom note Pending Edit Request(s) Tap each event to v Event Start Date 1 OnDuty ND 11:51 AM Sep 29, 2017 2 Driving 09:42 AM Sep 28, 2017 Adams C Adams C ter 378 -219 mi End Eventsee Vehicle Name Trailer Nam AAN 2563 AUB2136 Outstacept or Reject Pend Content Out Trailer Nome	Adams C Adams C Start Date From 1 OnDuty ND 11:51 AM Sep 29,2017 Personnel 2 Driving 09:42 AM Sep 28,2017 Unidentified Adams C Ker 378 -219 mi End Dates Particle Name Trailer Name AAN 2563 AUB2136 Must Accept or Reject Pending Edit Requests Cancer DU 1100 More DU 1100 None	Pending Edit Request(s) Tap each event to view details Event Start Date From Action 1 0nDuty ND 11:51 AM Sep 28,2017 Personnel Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">No DVIR 2 Driving 09:42 AM Sep 28,2017 Unidentified Colspan="2">COLSPAN= 2007 2 Driving 09:42 AM Sep 28,2017 Unidentified Colspan="2">COLSPAN= 2007 4 Colspan= 2007 No DVIR No DVIR No DVIR No DVIR No DVIR No DVIR No No

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.



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

Hours of Service Vehicle disconnected Connect Vehicle disconnected Connect Reject Event INSPECTION Do you really want to reject this event? INSPECTION Event: OnDuty ND Start: Feb 03, 2017 09:26 AM Origin: Personnel Note: Reason: Incorrect Status Selected Odo: 0 mi Enter annotation for this event Enter annotation for this event OO:UU START BREAK			≉ 雺 78% ً 9:34 AN
Reject Event INSPECTION Do you really want to reject this event? Event: OnDuty ND Start: Feb 03, 2017 09:26 AM Origin: Personnel Note: Reason: Incorrect Status Selected Odd: 0 mi Enter annotation for this event Enter annotation for this event VIR O0:000 START BREAK	\equiv Hours of Service		
Do you really want to reject this event? Event: OnDuty ND Start: Feb 03, 2017 09:26 AM Origin: Personnel Note: Reason: Incorrect Status Selected Odo: 0 mi Enter annotation for this event CANCEL OK VVIR 00:UU START BREAK	Vehicle disconnected		Connect X
Do you really want to reject this event? Event: OnDuty ND Start: Feb 03, 2017 09:26 AM Origin: Personnel Note: Reason: Incorrect Status Selected Odo: 0 mi Enter annotation for this event CANCEL OK VVIR 00:UU START BREAK		_	
Per Event: OnDuty ND Start: Feb 03, 2017 09:26 AM Origin: Personnel Note: Reason: Incorrect Status Selected Odo: 0 mi Enter annotation for this event CANCEL OK DVIR OO:UU START BREAK	Reject I	Event	INSPECTION
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Cancel or DVIR	1 0		L CT
CANCEL OK DVIR		Odo: 0 mi	_
00:00 Start Break	Tin Enter an	nnotation for this event	ICEL
00:00 Start Break			
START BREAK			CANCEL OK DVIR
START BREAK SHIFT/CYCLE	00:00		
		START BREAK	SHIFT/CYCLE

Auto Events

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;

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1 3		46 3808 -	Personal Use					08:3
iolation: none -Drivers: John Watso			Excep	tion: none how all events		+		+
iolation: none -Drivers: John Watso Status	Start		Excep	tion: none how all events Note		+ ехсерт	,	+ ADD
iolation: none -Drivers: John Watso			Excep	tion: none how all events	1		,	+
iolation: none -Drivers: John Watso Status	Start		Excep	tion: none how all events Note	1		, ,	+ ADD
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iolation: none Drivers: John Watso Status 12 Power On 13 Miss Diag	Start 08:32 AM 08:32 AM		Excep	tion: none how all events Note Automatic Transition Missing: Location	1		r	+ ADD NOTE 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)



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.

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	+ View Lo	g				D M 🖳 🤇	₹ €
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	Status	Start	Duration	Location	Note	+ ехсерт	+ ADD
10	Miss Diag	03:00 PM			Missing: Location		NOT
11	Driving	03:00 PM	14m		Automatic Transition		EDIT
12	Miss Diag	03:00 PM			Missing: Location		NOT
13	OffDuty	03:15 PM	00m				EDI
	OffDuty Miss Diag	03:15 PM 03:15 PM	00m		Missing: Location		

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).

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/iolation: none -Drivers: John Wate	son		Except	tion: none		11111111111	08:
Violation: none p-Drivers: John Wat:			Except	tion: none now all events			
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Violation: none p-Drivers: John Wat:			Except	tion: none now all events			+
Violation: none o-Drivers: John Watt	Start		Except	tion: none now all events Note			+ ADD NOT
violation: none p-Drivers: John Watt Status 12 Power On	Start 08:32 AM		Except	tion: none now all events Note Automatic Transition			+ ADD NOT
Violation: none o-Drivers: John Wats Status 12 Power On 13 Miss Diag	Start 08:32 AM 08:32 AM		Except	tion: none now all events Note Automatic Transition Missing: Location			+ ADD NOT NOT
Violation: none -Drivers: John Wat: 2 Power On 13 Miss Diag 14 ELD Login	Start 08:32 AM 08:32 AM 08:32 AM		Except	tion: none now all events Note Automatic Transition Missing: Location ELD Connection			+ ADD NOT

- 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.

D. () 🖬 D 😶 💯 M	8 4				🗙 🛜 100% 🛙	8:34 AM
4	- View Log					D M 👳 🤇	e •1
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OFF	2:00						02:01
SB							00:00
D		5:30					06:01
ON			1 <mark>1</mark> . .			1.1.1.1.1.1.1.1.1.1.1.1	00:32
1	3		46 3 80 8				08:34
Viele	tion: none		-	Personal Use	Yard Moves tion: none		
	vers: John Watson				how all events		
_				V 3	now all events		
	Status	Start	Duration	Location	Note	+ ехсерт	+ ADD
							NOTE
20	Remark	08:32 AM			Crossed into Ontario, CANADA from Ohio, USA		EDIT
21	Miss Diag	08:32 AM			Missing: Location		NOTE
22	Remark	08:33 AM			Crossed into Illinois, USA from Ontario, CANADA		EDIT
23	Miss Diag	08:33 AM			Missing: Location		NOTE
+Ina	ctive: IC=Changed, IC	R=Change Reques	ted, ICJ= Change Rej	iected			

- 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.

	P	D	Μ	×		
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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	Description	Action			
3	Thu Aug 04, 2016	02:36:16 PM	Missing: EngineHours, Location, Odometer	CLEAR			
3	Thu Aug 04, 2016	02:05:49 PM	Missing: Location	CLEAR			
5	Thu Aug 04, 2016	12:43:18 PM	Unide D Malfunctio	ons			
CLEAR ALL			Code	Date	Time	Description	Action
			Р	Thu Aug 04, 2016	12:45:17 PM	Power Malfunction	CLEAR
			L	Thu Aug 04, 2016	11:08:23 AM	Position Malfunction	CLEAR
							CANCEL
♥ ■ ➡ ← View Log				 第 100% № 11:22 AM ■ 0 № C ← 			
		Tue 5-6 07 0					
rt Time: 12AM	4 5 6 7 8 9			US70hr8days 8 9 10 11 M Total	The Ma	lfunction and Da	ita
	8:58	0:39		10:19	Diagnos	stic events note o	can also
				00:00	be edite	ed on the edit log	
	Fdit Uni	d Diag Note		00:00		ed on the edit lo	g screen
		d Diag Note	1	00:07	Tap the	ed on the edit log Clear button to	g screen clear the
		d Diag Note re: Add Note		00:07	Tap the malfund	ed on the edit log <i>Clear button</i> to ction or data diag	g screen clear the
1 1 ation: none				+ +	Tap the	ed on the edit log <i>Clear button</i> to ction or data diag	g screen clear the
ation: none ivers: none	Not		CANCEL OK	оо:07 00:55 11:21 + + + EXCEP1 АДD EDT	Tap the malfund event d	ed on the edit log <i>Clear button</i> to ction or data diag etected	g screen clear the gnostic
ation: none ivers: none Status	Not		A	оо:07 00:55 11:21 к страниции к страниции	Tap the malfund event d To clear	ed on the edit log <i>Clear button</i> to ction or data diag etected	g screen clear the gnostic stic
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	Ma	lfunction Ev	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 in-service 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 E	vents
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



[]	ſ	ſ	
			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.

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)

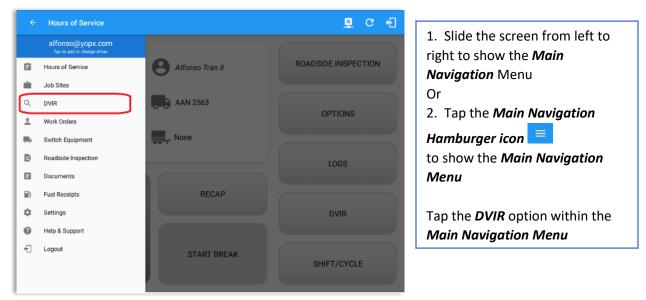


5.4 DVIR

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

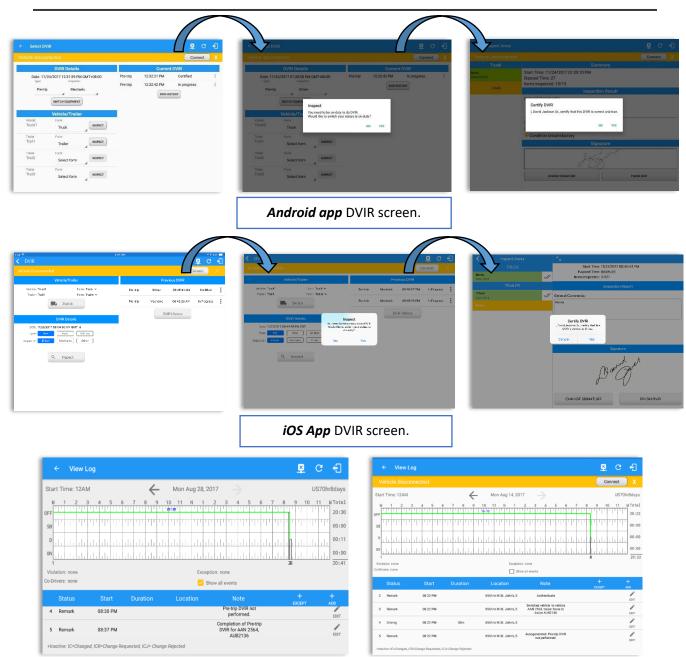
Antonio Nichols Antonio Nichols Antonio Nichols AN 2563 Driving ALUB2136 Time Remaining RECAP DVIR DVIR DVIR	E Hours of Service	₽ C €	≡ ⊦	lours of Service
Driving AAN 2563 Driving RECAP DVIR	le disconnected	Connect X		
Image: Anilonia relations Image: Anil				
Driving - AUB2136 OPTIONS OffDuty Time Remaining RECAP DV/R 06:24 On Duty Time Unlike Break	Antonio Nichols	ROADSIDE INSPECTION		
Driving - AUB2136 Time Remaining RECAP DVIR DVIR 00:00	AAN 2563			7
Time Remaining LOGS 06:24. DVIR 00 buty Time Until Break	-	OPTIONS	OffDuty -	
Time Remaining RECAP DVIR 06:24 On Duty Time Until Break	Driving AUB2136			
06:24 DVIR 00:00		LOGS		g
06:24 00:00				
On Duty Time Until Break	06:24	DVIR	00:00	
	On Duty Time Until Break			

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

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- 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.

Note: DVIR feature for iOS difference compared to Android app is shown on the screenshot above.



5.4.3 Selecting Your DVIR Type

← Select DVIR	
(ehicle disconnected	Connect X
DVIR Details	Current DVIR
Date: 10/23/2017 06:35:10 PM CDT	No DVIR
Pre-trip Driver	DVIR HISTORY
Post-trip	
Ad-hoc	
Vehicle: Form:	
Going merry Select form	
← Select DVIR	P C 1
DVIR Details	Current DVIR
Date: 10/25/2017 09:20:49 AM GMT+08:00	No DVIR
Pre-trip Driver	DVIR HISTORY
SWITCH EQUIPMENT	
SHICH EQUIPMENT	
Vehicle/Trailer	
AAN 2564 Tractor	
Trailer: Form: AUB2137 Trailer Trailer INSPECT	
AUB2137 Trailer Trailer	
Trailer: Form: SER987 Trailer Trailer INSPECT	
Trailer: Form:	
Vehicle27 Trailer	
Trailer: Form: AAN890 Trailer Trailer	
← Select DVIR	루 보 C 1
/ehicle disconnected	Connect X
DVIR Details	Current DVIR
Date: 10/23/2017 06:35:10 PM CDT	No DVIR
Pre-trip Driver	DVIR HISTORY
Post-trip	
Ad-hoc	
ventele/Trailer	
Going merry Select form	

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

icle disconnected Truck			D 🗕 G 🕣	
Truck			Connect X	
	Parking Brake	0		
Pass All	Steering Mechanism	0	目	
	Coupling Devices	0	E	
	Service Brakes (Including Trailer Connections)	Ō	E	
	Reperse Hazmat Placarding / Shipping	0		
	Lighting Devices and Reflectors	0	← View Log Start Time: 12AM	- Mon Aug 28, 201
	Tires	0	M 1 2 3 4 5	6 7 8 9 10 11 N 1 2
	Horns	0	SB	
	Windshield, Wipers, Washers	0		
	Poor Viour Mirroro	6	1 Violation: none	Exceptio
			Co-Drivers: none	Show
			4 Remark 08:30 PM	Duration Location
			5 Remark 08:37 PM	
	VIR Area is selected DVIR items under	•	•	also tap its corr
ay the	e DVIR items under elect the status of e	this ar	ea.	also tap its corr
n se box	e DVIR items under	this ar ach D\	ea. /IR Item by ta	also tap its corr
the oxe oxe e i	e DVIR items under elect the status of e es as listed below ed check box on	this ar ach D\ ce or	rea. /IR Item by ta select the g	also tap its corr oping their respo reen
the ox ox e i e i e i e i	e DVIR items under elect the status of e es as listed below ed check box on tem has passed ed check box tw	this ar ach D\ ce or rice of	rea. /IR Item by ta select the g r select the	also tap its corr oping their respo reen () red () Th
	DVIR items under ect the status of e s as listed below d check box on em has passed d check box tw em has failed d check box th	this ar ach D\ ce or vice of ree ti	rea. /IR Item by ta select the g r select the mes or sele	also tap its corr oping their respo reen () red () Th ct the NA

corresponding color: High – Red 🔺 , Medium – Yellow 🔺 , Low – Green 🔺

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.

Hazmat Placarding / Shi	ipping Papers Iten	n Report	
Enter Report			1 •
CANCEL		ок	
	-+ - D)//D :		
may add comments or remarks again	ist a DVIR iten	n by tapping	the

5.4.7 Add a Comment or Remark to a DVIR Item



	t Areas				P C -1
Traile	er 📈	👍 Brakes		0	国
Done (14/14)	Pass All	Rake Connections	A	0	Ę
Finis	h	Tarpaulin		0	E
		Tires		0	E
		(W heels and Rims	A	<mark>6</mark>	E
		Other	A	0	sample note
		Coupling Devices		0	E
		Coupling (King) Pin	A	0	E
		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 Are			Ş	D	М	₽	:
					Conne	ect	x
Truck			Summary				
ems one (13/13)	Pass All	Start Time: 09/25/2017 07:28:20 PM Elapsed Time: 08:52 Items Inspected: 13/13					
Finish		Insp	pection Result				
		General Comments O Defects Corrected C Condition Satisfactory C condition Unsatisfactory					
			Signature				
			Ð				
		CHANGE SIGNATURE		FINISH DV	IR		



<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									
O Defects Corrected									
O 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

<u>Signature</u>

	Signa	iture											
l													
l													
	CHANGE SIGNATURE	FINISH DVIR											

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.

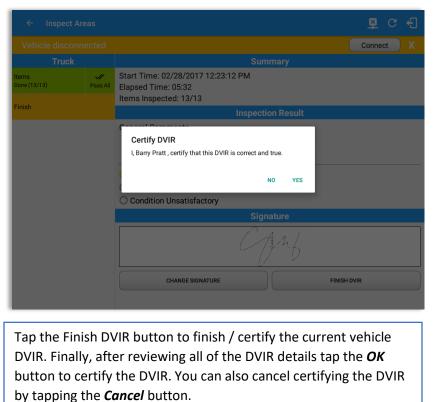
Selecting the *Change Signature* button will open the *Create Your Signature Here screen*:

← Change Signature	💆 C 🕣
Vehicle disconnected	Connect X
Create your signature here.	
Ant	/
CLEAR DONE	

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.

		Vie	w L	og																													2	X		C		Ð
Star	start Time: 12AM 🔶 Mon Aug 28, 2017 🌙 US															S70	70hr8day																					
	1	2	1	3	4	5		6	7	;	8	9	1	10 20)	11	1	1	1		2	-	3	4		5	1	6	7	1	8	1	9	1	0	11	N	Tota 20:3
SB													1				11	"					1							·		1		I	'		T	00:0
D ON				ili ili			du du			du du		1		-	ulu ulu		lı lı	1		ці ці					ulu ulu				-					lı lı				00:
	ation: r ivers: r																				on: i		ne vent	s								26						20:
	Stat	us			St	art			Dı	urat	ior	n			ι	_00	cati								te							E	+ EXCI					+ .DD
4	Rema	ark			08:3	80 P	М															Pi	re-tri per		DVIF rme		ot											EDIT
5	Rema	ark			08:3	87 P	м																plet R fo Al	r A		25		0										EDIT
+Ina	ctive: I	IC=Ch	ange	ed, IC	R=C	han	ge R	eque	este	ed, 10	CJ=	Ch	ang	e R	Rejec	cted	1																					

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



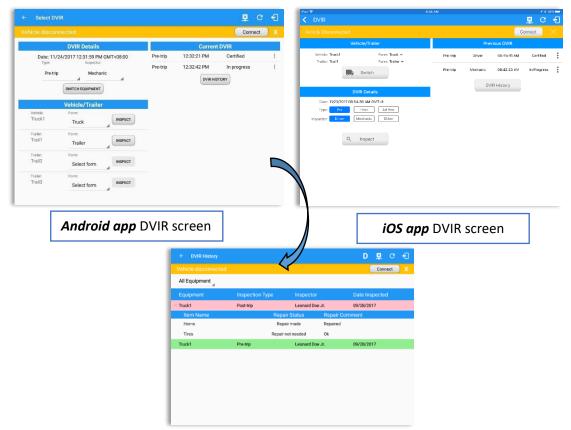
5.4.10 Deleting a DVIR

Go to the *Current 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



Note: DVIR feature for iOS difference compared to Android app is shown on the screenshot above.



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.

All Equipment 🖌															
Equipment	Inspection Type	Inspector		Date Ins	pected										
AAN 2565	Pre-trip	Keith Urban II		09/28/201	7										
Item Name	Re	pair Status	Repair Comm	nent											
Drive Line / Linea de Impuls	ion														
Exhaust / Escape												_	-	\sim	
Fifth Wheel / Quinta Rueda					DVIR	History						P	×	G	
AAN 2565	Pre-trip	Scott Adams 0	;	AAN	2565										
AUB2136	Pre-trip	Scott Adams 0	;	-		4									
Item Name	Re	pair Status	Repair Comm	ie i	pment			Inspection Type		nspector		Date Ins			
Wheels and Rims				- AAN				Pre-trip		eith Urban II		09/28/201	7		
Other					em Nam				Repair Sta	tus	Repair Com	ment			
					ive Line /		Impulsio	on							
					haust / Es										
				_	fth Wheel ,	/ Quinta F	Rueda								
				+ AAN	2565			Pre-trip	ş	cott Adams C		09/28/201	7		
				-											

5.5.1 Viewing DVIR History by Vehicle

- 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		₽ 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	
۵	Roadside Inspection)	LOGS
	Documents		
Ð	Fuel Receipts	RECAP	
\$	Settings		DVIR
0	Help & Support		
÷	Logout	START BREAK	SHIFT/CYCLE
		om left to right to show the A Or igation Hamburger icon	-
	Tap the Roadside Ins	pection option within the Ma	iin Navigation Menu.

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



6.2 Roadside Inspection – MasTrack Main Menu

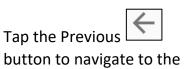
<complex-block></complex-block>			D M 🗳 G 🕣	
<complex-block></complex-block>		O John Doe IV	ROADSIDE INSPECTION	-
time Remaining 0:00 There Remaining 0:00		_	OPTIONS	Inspection button.
<complex-block></complex-block>		None	LOGS	
<complex-block>START BREAK SHIFT/CYCLE</complex-block>		RECAP	DVIR	
A dadde inspection C Review logs for encurrent 24-hour period and the previous 7-onsecutive data. Instrument Bart Review Data Transfer Martinet Contraction Output: Contraction Contraction Contraction Contraction Contraction Contraction For the Roadshide Inspection for the Start Review but but on the second start deview the Driver's but on to view the Driver's but on to view the Driver's but on the second start deview the devi	00:00	START BREAK	SHIFT/CYCLE	
Vehicle disconnected Conce Review logs for the current 24-hour period and the previous 7 consecutive days. The transmer But Review De Tansfe The rest at the owner loss of the direct and the secure and the	6.3 Inspection Scre	een – Start Review		
Data Transfer Warning: Location Service is currently disable	Vehicle disconnected Review logs for the cun Tap 'S	tart Review button and give your device to the DOT Officer. Start Review Data Transfer	Connect	<i>Screen</i> , tap the <i>Start Review</i> button to view the <i>Driver's</i>
Drow Lusses Base, AL, Strandson Stervice is currently disable Drow Lusses Base, AL, Strandson Stervice, Stervine Base, Basee, Base, Base, Base, Base, Base, Base, Base, Base, Base,				
12.00 AM 01h 29m 284 71289 Offbuty	Warnin	ig: Location Service is currently disabled	Other License State AL Tack Tracks 7W R (MGDENAKSP2) Dampe Diver States No Understanding of the Booth No Diversitient	Tatler Ci Tatler Structure 1. AM 2844 Co Diriver Name: disegular 3. Co Diriver 5. displagmanta.com Marcon Circura Circra Circura Circura Circra Circura Circra Circ
01:10 AM 8501mi N Bit, John's, 5 0 0 Remark			01:10 AM 8561mi N St. John's, 5	

Note: Automatic 'Remarks' will not be displayed in the screen such as 'Pre-Trip not performed', 'Authenticate' and border crossing remarks if current vehicle is in AOBRD mode.



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/ehicle disconnected					onnect
venicle disconnected				Ci	meet
	Tue F	eb 07, 2017	\rightarrow		
02:57 PM		0	0.0	Remark	Driver
03:00 PM		145	37877.0	Power On	Auto
03:00 PM		0	0.0	Miss Diag	Auto
03:00 PM		145	37877.0	Pos MF	Auto
03:00 PM		145	37877.0	ELD Login	Driver
03:00 PM		145	37877.0	Miss Diag	Auto
03:00 PM	14m	0	9.0	Driving	Auto
03:00 PM		145	37885.0	Miss Diag	Auto
03:15 PM	00m	16	99.9	OffDuty	Driver
03:15 PM		161	38761.0	Miss Diag	Auto
03:15 PM	00m	16	99.9	Driving	Auto
03:15 PM		161	38761.0	Miss Diag	Auto
03:15 PM		161	38765.0	ELD Logout	Driver
03:15 PM		161	38765.0	Miss Diag	Auto
03:15 PM	08h 44m	16	99.9	OffDuty	Driver
03:18 PM		17	99.9	Remark	Driver



previous log or tap the Next button to navigate to the next log.

6.4 Roadside Inspection Screen – Data Transfer

 Roadside Inspection shicle disconnected 	D		onnect		• •				
Review logs for the current 24-hour period and the previou: Tap 'Start Review' button and give your device to the DOT Offic Start Review		ve day	/S.				From the Ro Screen , tap t button.		-
Data Transfer Transfer data of the compilation of the driver's ELD records Data Transfer			Roads			en.			D 💆 C Connect
Warning: Location Service is currently disa	bled		F	teviev	ı log:	-	nsfer via Vehicle: All Vehicles J		cutive days
					l	🚦 USE M Em	В		
Select an option to transfer the compilation of the driver's ELD records.						FMCSA		CANCEL	



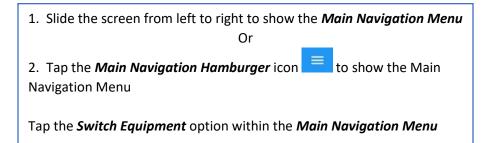
7 Switch Equipment

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:

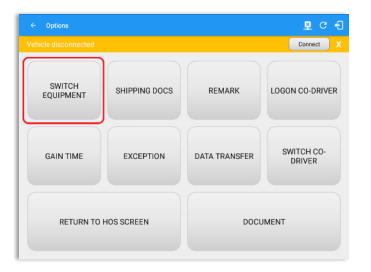
7.1 Switch Equipment – Main Navigation Menu

÷	Hours of Service		₱ D M ₽ :
			Connect X
	albert@gmail.com Tap to add or change driver		
Ê	Hours of Service	Albert James	ROADSIDE INSPECTION
•	Job Sites		
٩	DVIR	AAN 2565	OPTIONS
±	Work Orders		
	Switch Equipment	AUB2136	
٩	Roadside Inspection		LOGS
	Documents	RECAP	
Ðð	Fuel Receipts		DVIR
•	Settings		DVIR
0	Help & Support		
÷	Logout	START BREAK	SHIFT/CYCLE





7.2 Options Menu



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

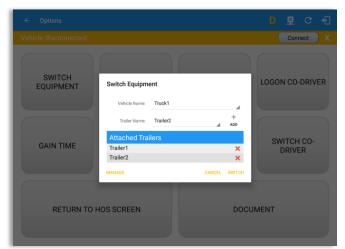
7.3 Switch Equipment – DVIR Screen

Select DV	IR			×	G
	DVIR Details		Current DVIR		
Date: 10/	25/2017 09:20:49 AM G	MT+08:00	No DVIR		
Pre-trip	Driver		DVIR HISTORY		
	SWITCH EQUIPMENT				
	Vehicle/Trailer				
Vehicle: AAN 2564	Form: Tractor	INSPECT			
Trailer: AUB2137	Form: Trailer Trailer	INSPECT			
Trailer: SER987	Form: Trailer Trailer	INSPECT			
Trailer: Vehicle27	Form: Trailer	INSPECT			
Trailer: AAN890	Form: Trailer Trailer	INSPECT			

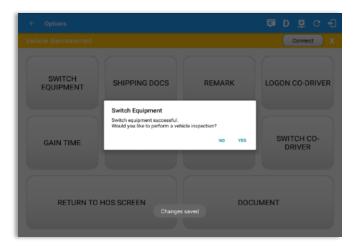
 Slide the screen from left to right to show the *Main Navigation Menu* Or
 Tap the *Main Navigation Hamburger* icon to show the Main Navigation Menu Tap the *DVIR* option within the *Main Navigation Menu* Select the *DVIR* button from the Main Hours of Service Menu and then select the *Switch* button



7.4 Switching Equipment



Select the **Vehicle ID** or **Trailer ID** dropdown list and select the required vehicle or trailer, then tap the **Switch** button to switch to the selected vehicle or trailer.



Switch Equipment Truck Truck 222 Trailer Name: Truck 8i Truck Sample SWITCH EQUIPMENT LOGON CO-DRIVER Truck Test Truck Test2 Trailer2 Truck009 Truck1 Truck3 2 @ 5 % 1 -3 # 4 / 6 7 & 8 * 9 (0) Del q w е r t y u i 0 р а s d f g h k L Next i , ! . ? Ť х С v b n m Ť Z ÷ ۲ Ctrl Sym ◀ ₽

After tapping the Switch button, you will be asked if you would like to perform a vehicle DVIR, tap the **YES** button to navigate to the **Vehicle DVIR** screen or tap the **NO** button to close the dialog box and continue.

Switch equipment can be performed also in the dashboard, by tapping the vehicle/trailer icon.

Vehicles and Trailers can also be filtered through *text entry* on the vehicle/trailer text fields. Text entry availability starts if the total number of trailers/vehicles numbers 250 or more.

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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

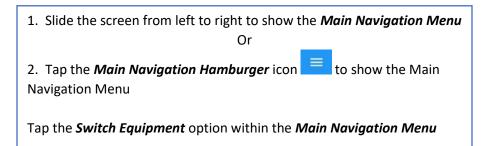
7 Switch Equipment

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:

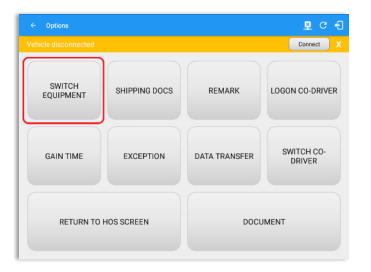
7.1 Switch Equipment – Main Navigation Menu

÷	Hours of Service		🗊 D M 🖳 :
Veh			Connect X
	albert@gmail.com Tap to add or change driver		
Ê	Hours of Service	Albert James	ROADSIDE INSPECTION
•	Job Sites	_	
٩	DVIR	AAN 2565	OPTIONS
÷	Work Orders	AUD0106	
	Switch Equipment	AUB2136	
٩	Roadside Inspection		LOGS
	Documents	RECAP	
B	Fuel Receipts	RECAP	DVIR
•	Settings		DVIK
0	Help & Support		
÷	Logout	START BREAK	SHIFT/CYCLE





7.2 Options Menu



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

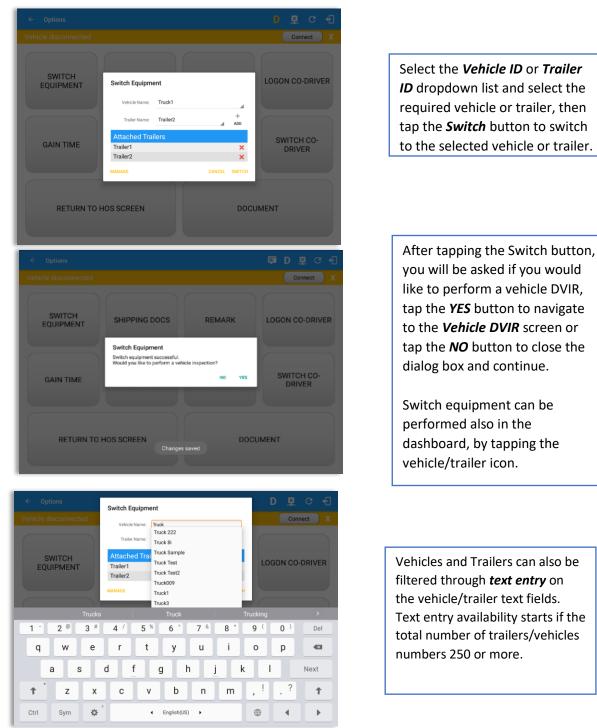
7.3 Switch Equipment – DVIR Screen

	DVIR Details	
Date: 10/: Type:	25/2017 09:20:49 AM G Inspector:	MT+08:00
Pre-trip	Driver	
Vehicle:	Vehicle/Trailer	
AAN 2564	Tractor	INSPECT
Trailer: AUB2137	Form: Trailer Trailer	INSPECT
Trailer: SER987	Form: Trailer Trailer	INSPECT
^{Trailer:} Vehicle27	Form: Trailer	INSPECT
Trailer: AAN890	Form: Trailer Trailer	INSPECT

 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

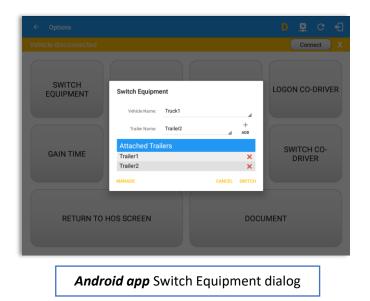


Switching or selecting a Vehicle with a preconfigured VBUS device enables the app to find and connect on the match device.

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



7.5 Managing Vehicles / Trailers





Note: For iOS app, multiple trailer is not yet implemented.

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	Vehicle disconnected				Connect
Name	License Plate	VIN	Туре	+ ADD	Name	License Plate	VIN	Туре	A
Trail1			Trailer	0 ×	Trail1			Trailer	1
Trail2			Trailer	2 ×	Trail2			Trailer	1
Trail3			Trailer	1 ×	Trail3			Trailer	1
Truck1		JA3AU16U29U024930	Vehicle	1 ×	Truck1		JA3AU16U29U024930	Vehicle	1
Truck2		1G6KD5EY0AU113517	Vehicle	1 ×	Truck2		1G6KD5EY0AU113517	Vehicle	1
Truck3		1FM5K7D81DGB69297	Vehicle	1 ×	Truck3		1FM5K7D81DGB69297	Vehicle	1

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 MasTrack app and vice versa.

Note: If "Allow drivers to delete equipment" is unchecked in the portal then delete button will not be displayed in the screen.

				Connect
ATrack1	789SSF	-567ERT457YUGH678U	Vehicle	1
CARTASITE	678ASW677	-5678R45TY6UYG560P	Vehicle	1
Cole2	Delete Vehicle		hicle	1
ColeTest	Delete Cole2?		hicle	1
CT5Trailer		CANCEL DEL	ETE railer	1
CTrailer	yui		Trailer	1
CTVehicle	WERDFGG	-123456SDFFAS34567	Vehicle	1
DIGIWVA1	3013	-Q1234567890654000	Vehicle	1
E0Portal4	676767yyh	9087HGTF54RE3456Y	Vehicle	

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	/ ITaliers			₽ C €	← Manage Vehicles/Traile	Modify Equip	ment			
nicle disconnected				Connect X	Vehicle disconnected	Equipment				C
Name	License Plate	VIN	Туре	 *	Name	Name	Truck1		Туре	
AAA	AAA 123	64DSDAWER23W60MKI	Vehicle	/ ×	Trail1	Туре	Vehicle	*	Trailer	
BBB	888 123		Trailer	/ ×	Trail2	VIN	JA3AU16U29U024930		Trailer	
Truck 10	AS 4501	1542ASDE2033DW450	Vehicle	/ ×	Trail3	License Plate			Trailer	
						State	None	÷		
UpTest123	12YTU12	12345KILOP09520GH	Vehicle	/ ×	Truck1	Regulation Mode		*	Vehicle	
					Truck2	Use GPS Odometer			Vehicle	
					Truck3	Use Calcu lated Engine Hours	()		Vehicle	
						Device				
						VBUS Device	Geometris	*		
						Connection Type	Bluetooth	*		
						MAC Address	00:40:9d:84:7e:9b			
							CANCEL	SAVE		

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
Name	License Plate	VIN	Туре	+ ADD
ААА	AAA 123	64DSDAWER23W60MKI	Vehicle	1 >
888	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

ADD 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.

	Create Equipr	nent			Connec	t	
	Equipment						
	Name	Name					
Trail1	Туре	Vehicle	*	Trailer			
Trail2	VIN	VIN		Trailer		A.	
Trail3	License Plate	License Plate		Trailer		0.	
	License Plate State	None	¥				
Truck1				Vehicle		2	
Truck2	Regulation Mode	AOBRD - Regulation 395.15	*	Vehicle		1	
	Use GPS Odometer	(P		Temere			
Truck3	Use Calcu lated Engine Hours	0		Vehicle		1	
	Device						
	VBUS Device	None	*				
		CANCEL	ADD				

Android app Create Equipment dialog

Pad 🗢		8:33 AM				1 \$ 93	× 🗆
					<u>8</u>		
					Connect		
Q. Search equipment							
	Cre	eate Equipment		Ту			
Trail1	Equipment Informa	tion		Trai	ler	ĺ	,
	Name	Name					
Trail2	Type	Vehicle 🛩		Trai	ler	/	3
Truck1	VIN	VIN		Vehi	icle	1	2
	License Plate	License Plate					
	License Plate State	None 🗸					
		AOBRD - Regulation 39	5.15 🗸				
	Use GPS Odometer		\bigcirc				
	Use Calculated Engine Hours		\bigcirc				
	Device Information						
		Cancel	Add				
					-		
:00 -	mm Cuanta		ام خدم	lialaa			
ius a	pp Create	e Equipme	ent a	naiog			

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

Note: For iOS app, VBUS Device information is not displayed. Only for Android application.



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 Equipr	nent			
Vehicle disconnected	License Plate				Connect
Name	State	None	¥	Туре	
Trail1	Regulation Mode	AOBRD - Regulation 395.15	*	Trailer	1 3
Trail2	Use GPS Odometer	0		Trailer	
	Use Calcu lated Engine Hours				
Trali3	Device			Trailer	
Truck1	VBUS Device	Digi WVA		Vehicle	1 3
Truck2	Connection Type	WiFi Direct Push Button.	•	Vehicle	1
Truck3	MAC Address	00:00:00:00:00:00		Vehicle	2 3
	WIFI AP SSID				
	WIFI AP Password				
	Device Name				
	Admin Password	IZXQ7ZRE4H			

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 to the FMCSA rules.

Notes:

- 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.
- When the driver is in AOBRD mode then the edit "*" sign & events will not be displayed in the Edit Logs screen and on the Certified PDF logs.
- 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.



When creating/modifying an equipment with a selected type of "Trailer", the VIN field is also enabled but is not required when saving. VIN field does not require valid format.

Trail1	Create Equip	ment		Trailer	1
Trail2	Equipment			Trailer	1
Trail3	Name	Trail4		Trailer	1
	Туре	Trailer	*		
Truck1	VIN	JTCRI5YC0755C057		Vehicle	
Truck2	License Plate	License Plate		Vehicle	2
Truck3	License Plate State	Illinois (IL)	•	Vehicle	1
		CA	NCEL ADD		

				Connect
Name	License Plate	VIN	Туре	+ ADD
ААА	AAA 123	64DSDAWER23W60MKI	Vehicle	1 3
888	888 123		Trailer	1 3
Truck 10	AS 4501	1542ASDE2033DW450	Vehicle	1 3
UpTest123	12YTU12	12345KILOP09520GH	Vehicle	1 3

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

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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:

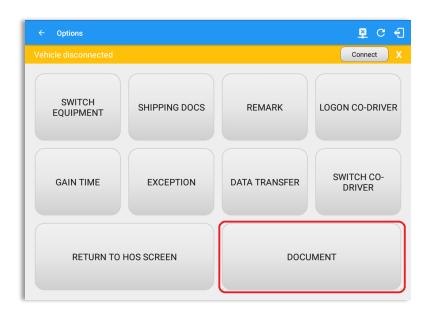
8.1 Documents – Main Navigation Menu

÷	Hours of Service		<u>∎</u> с (]
	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	
٩	Roadside Inspection		LOGS
	Documents		
B	Fuel Receipts	RECAP	
•	Settings		DVIR
0	Help & Support		
÷	Logout	START BREAK	SHIFT/CYCLE

1. Slide the screen from left to right to show the <i>Main Navigation Menu.</i>
Or
2. Tap the <i>Main Navigation Hamburger</i> icon ≡ to show the Main Navigation Menu.
3. Select the <i>Documents</i> button from the Main Hours of Service Menu .

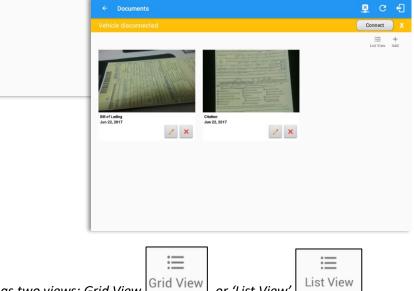


8.2 Documents – Options Menu



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

← Documents		<u>¥</u>	С	Ð
		Conne	ect	X
		Grid V	-	+ Add
Bill of Lading	Jun 22, 2017		1	×
Citation	Jun 22, 2017		1	×





8.3 Adding Documents

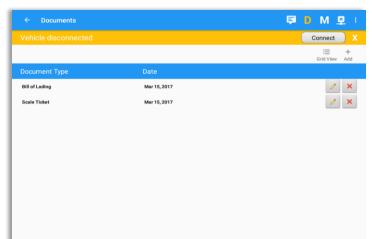




 Image: Add New Document
 Comment
 <t

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

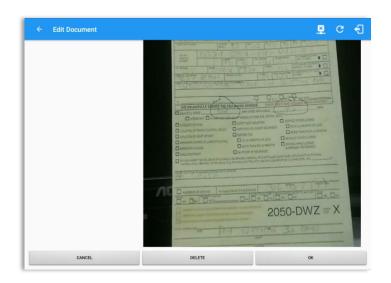
Enter your *Reference Number* Add any *Notes* to support the image.

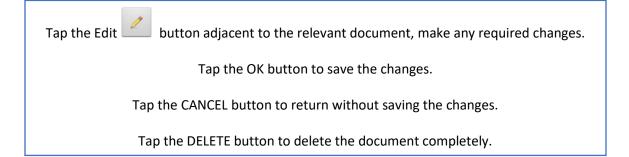
Tap the **OK** button to save and continue or tap the **CANCEL** button to return without saving.



8.4 Editing / Deleting a Document

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







I.

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.

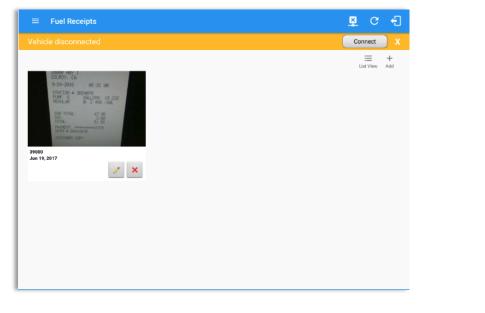
9.1 Main Navigation Menu

÷	Hours of Service		💆 C 🕣
Veh			Connect X
	lowell@x.com Tep to add or change driver		
Ê	Hours of Service	Cowell Frazier II	ROADSIDE INSPECTION
÷.	Job Sites	_	
÷	Work Orders	KUL 256	OPTIONS
	Switch Equipment	None	
۵	Roadside Inspection	TOT NOTE	
	Documents		LOGS
	Fuel Receipts	RECAP	
\$	Settings		DVIR
0	Help & Support		DVIK
÷	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

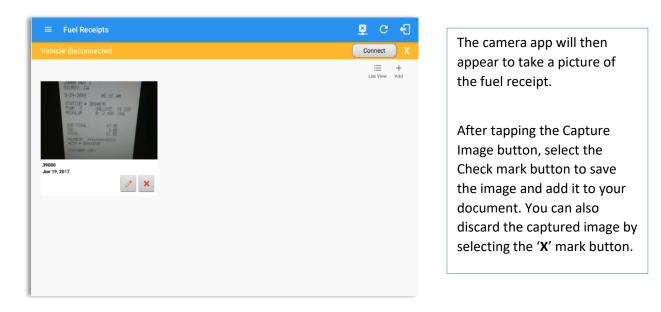


9.2 Fuel Receipts Screen



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

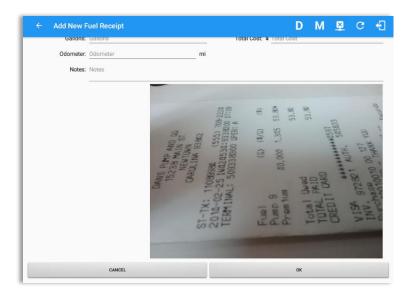
9.3 Adding Fuel Receipts





		Connect X	
	Document Details		Fill in the necessary information
Reference No: 1502	Date/Time: 06/19/2017 07:4	9 AM	
City: City	State/Province: Alabama (AL)		Reference No.
Vehicle: Freight 1	Fuel: Gasoline		• State
Gallons: 1.345	Total Cost: \$ 53.80		Vehicle
Odometer: Odometer	mi		Fuel Type
Notes: Notes			Gallons
		1	Total Cost
	DANS FUMP AND GO 15238 MAIN ST NEWTOWN		• Odometer
	ST-TX: 11089980 (555) 708-2224 2014-02-25 Hu21530:338300 07:05 TERMINAL: 509338300 DPER: A		Notes
	ST-TX: 1108989 (555) 708-222 2019-02-25 1402053033800 07106 TERMINK: 50933800 UPR: A Fuel (6) (\$/6) (\$/		Notes

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



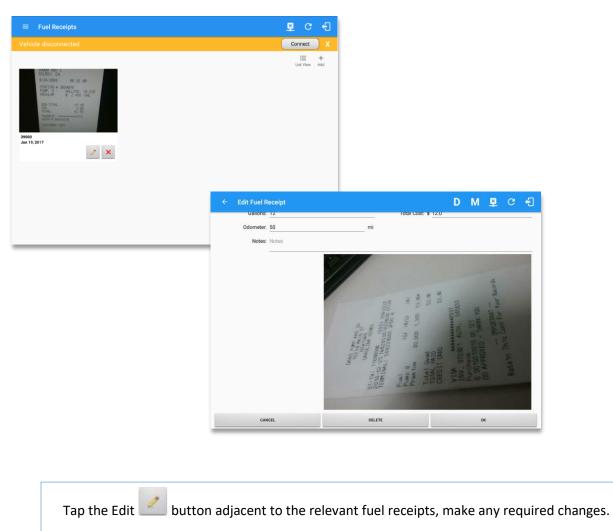
Notes:

- 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 OK button to save the changes.

Tap the CANCEL button to return without saving changes

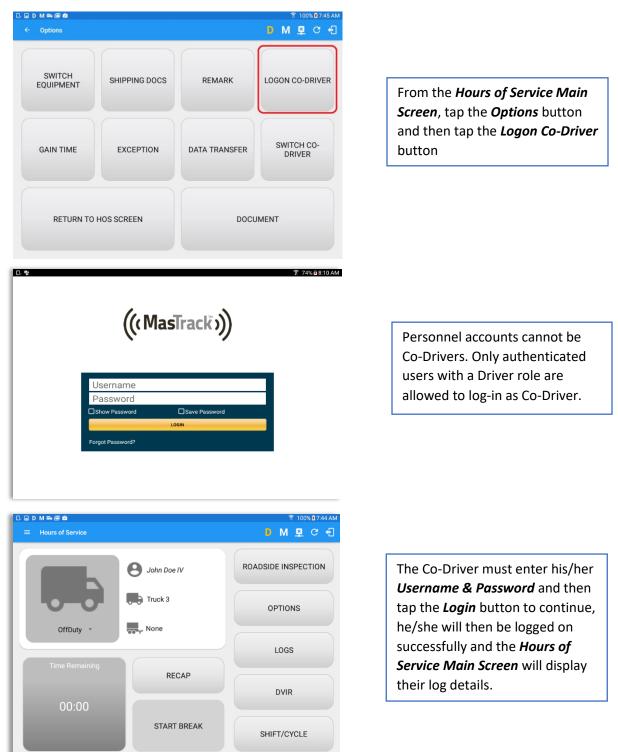
Tap the DELETE button to delete the fuel receipt completely



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10 Co-Drivers

10.1 Logon Co-Driver



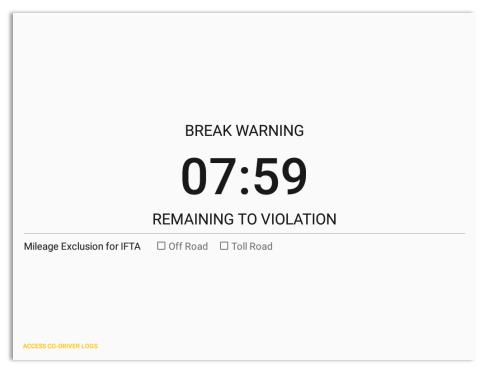


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< \	⁄iew Log			× 🔋 100% № 8:: D M 👱 C	25 AM	
Start Time	e: 12AM	\leftarrow	Wed Feb 08, 2017 🛛 ———————————————————————————————————	US70hr	8days	
	2 3 4 5	6 7 8 9	10 11 N 1 2 3 4 5		Total 07:48	
SB D					00:00 00:29	In addition, the Co-Driver's nam
					00:08	is displayed in the daily logs whic
I Violation: no	one	25 30	Exception: none	(08:25	is placed under the grid chart.
o-Drivers: Jo	ohn Watson		Show all events			
Stat	us Start	Duration	Location Note		+	
Stat 2 Remai		Duration			+ DD EDIT	
	rk 07:33 AM	Duration 29m	Location Note		DD	
2 Rema	rk 07:33 AM g 07:48 AM		Location Note	EXCEPT AI	EDIT	
2 Remains	rk 07:33 AM g 07:48 AM rk 08:17 AM		Location Note Authenticate	EXCEPT AI	EDIT EDIT	
2 Remai	rk 07:33 AM g 07:48 AM rk 08:17 AM ty ND 08:17 AM	29m	Location Note Authenticate	EXCEPT A	EDIT EDIT	

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.



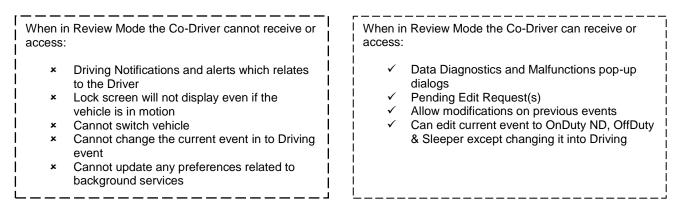


	Driver Authentication.	
Choose Driver john.doe+1@gmail.com	от:37	
CANCEL	1 ⁻ 2 [@] 3 [#] 4 [/] 5 [%] 6 [^] 7 ^{&} 8 [*] 9 ⁽⁰⁾ q w e r t y u i o p	De
	a s d <u>f</u> g h <u>j</u> k l	Done
	t z x c v b n m ,! .?	1
CCESS CO-DRIVER LOGS	Ctrl Sym 🌮 English(US)	

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)

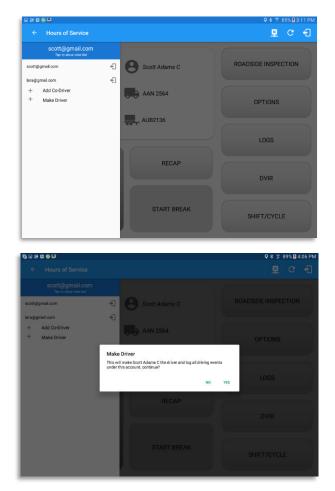
• Attempts to change the status to Driving will only display an error stating "Cannot change status while vehicle is in motion."

Error	
currently driving, cannot switch venicle	ок
	ОК



• Attempts to Accept or Reject 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.

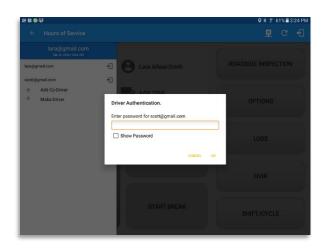


Once the "Make Driver" button is tap, a confirmation dialog will display

- If **YES** is tap, the VBUS services will restart under the new driver's account
- If **No** is tap, the dialog will close

Note: The "Make Driver" button will be disabled when the main driver is in a Driving state, which will then display a label stating "Cannot Change Driver While Driving"





When the Driver switch to the Co-Driver's account, in the Authentication dialog an option for the "Make Driver" is available.

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

D. 🖗 D M 🖬 🖦			💐 🚏 100% 🛚 9:53 AN
			Connect
Start Time: 12AM	÷	Wed Feb 08, 2017	US70hr8day:
M 1 2 3 4	5 6 7 8 9 1	0 11 N 1 2 3 4 5 6	7 8 9 10 11 M Total
SB THE THE THE THE T		Priving Time	00:00 attents attents
	Note:	Automatic Transition	06:0- 00:3-
T 3 Violation: none	Select Driver:	watson@gmail.com *	
1 3	Driver:	watson@gmail.com *	
1 3 Violation: none iso-Drivers: John Watson Status Sta	Driver:		
Violation: none to-Drivers: John Watson Status Str 25 Miss Diag 08:3	Driver:	CANCEL OK	09;53 + + ексерт Абр

				Connect	
Start Time: 12	2AM	- Wed Feb 0			70hr8day
M 1 2		7 8 9 10 11 N			M Tota 03:1
	5:30 211 212 212 212 212 212 212 212	Reassign Driving Time Are you sure you want to reassig			
Violation: none	Watson		NO YE	5	
Violation: none o-Drivers: John V Status	Natson		NO YE	ся + ЕХСЕРТ	-+- ADD
o-Drivers: John V				+ EXCEPT	
o-Drivers: John V Status 25 Miss Diag		00m	CANCEL OK	+ EXCEPT	ADD
o-Drivers: John V Status 25 Miss Diag	Start 08:37 AM 08:37 AM	00m	CANCEL OK Missing: Location	+ DCCEPT	ADD NOTE

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

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 have 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.



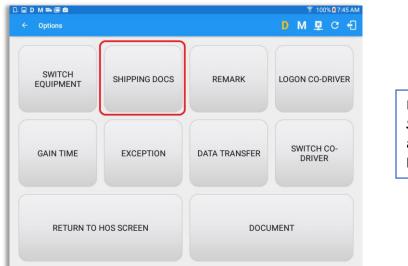
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10.2 Switch Driver

a D M an a≊ da ← Options				
SWITCH EQUIPMENT	SHIPPING DOCS	REMARK	LOGON CO-DRIVER	From the House of Sorvice Main
GAIN TIME	EXCEPTION	DATA TRANSFER	SWITCH CO- DRIVER	From the <i>Hours of Service Main</i> <i>Screen,</i> tap the <i>Options</i> button and then tap the <i>Switch Co-</i> <i>Driver</i> button.
RETURN TO	HOS SCREEN	DOCI	JMENT	
⊇ ■ ← Options (ehicle disconnected			* 🕈 78% û 9:30 AM 루 😐 C - {] Connect X	
SWITCH EQUIPMENT	SHIPPING DOCS Choose Driver john.doe+8@gmail.cor	REMARK	LOGON CO-DRIVER	From within the <i>Choose Driver</i> dialog, tap the driver's name who you wish to switch to.
GAIN TIME	app@2.com	CANCEL	SWITCH CO- DRIVER	Tap the CANCEL button to return to the Options screen.
RETURN TO	HOS SCREEN Warning: Location Sen	DOCI	UMENT	
■ ■ ← Options /ehicle disconnected	Driver Authentication	. -	* 第 78% û 9:30 AM 퇴 및 C ← Connect X	
SWITCH EQUIPMENT	Enter password for app jc		LOGON CO-DRIVER	The MASTRACK app then asks the co-driver to input the password to authenticate the
1 2 [@] 3 q w e a s		^ 7 ^{&} 8 * y u i h <u>j</u> k	9 (0) Del o p 43 l Done	
	¢ c v	b n m English(US)	,!.? ↑	



11 Shipping Documents



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

			≉ 😤 77%∎9:15 AM
← Options			
Vehicle disconnected	Enter Shippin	a Docs	Connect X
	B/L or Manifest No.	Enter	
OWITOU			
SWITCH EQUIPMENT	Shipper and Commodity	Enter	LOGON CO-DRIVER
		CANCEL O	ĸ
1 - 2 @ 3 #	4 / 5 %	6 ^ 7 & 8	* 9 (0) Del
q w e	r t	y u	i o p 🗠
a s d	f	g h <u>j</u>	k I 🛩
t z x	c v	b n r	n ,! .? 🕇
Ctrl Sym		English(US)	• •

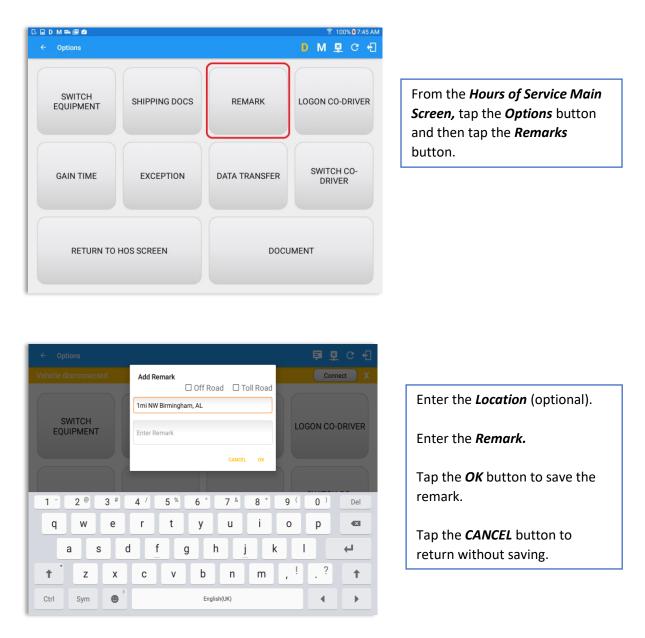
Enter the *Bill of Lading* or *Manifest Number.*

Enter the *Shipper* or *Commodity*.

Tap the **OK** button to save the details.

Tap the **CANCEL** button to return without saving.

12 Add Remark



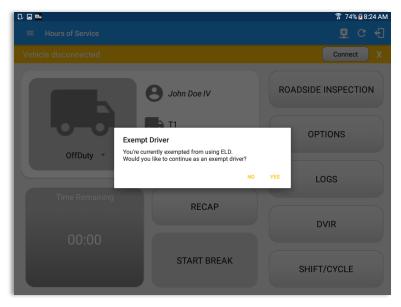
Off Road / Toll Road Feature:

- 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.

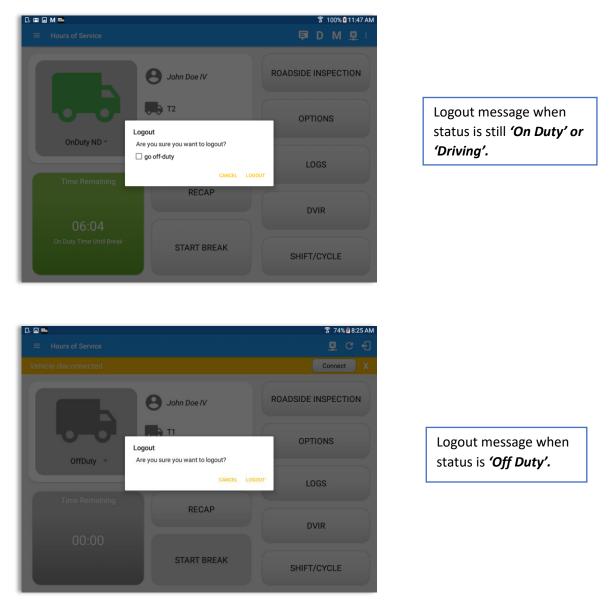


By selecting the OK button, the "No Logs for Non-CDL-Driver Short-Haul Drivers operating within 150 air-miles" exception will be enabled. You can enable Exempt Driver through these steps:

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 MasTrack app will be logged out and the MasTrack app will be close completely (with no MasTrack 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).

0, 🖬 🛤						* 1	រិ 78% 🗵 9:	33 AM
≡ Hours								
Vehicle disc						C	onnect	
		0	John Doe IV		ROAD	SIDE INS	PECTIOI	N
	Pending Edit Req		each event to vi	iour detaile			IS	
	Event	Start	Date	From	Act	tion		
	1 OnDuty ND	09:26 AM	Feb 03, 2017	Personnel	ACCEPT	ک REJECT		
Tir						CANCEL		
			RECAF					
						DVIR		
						DVIK		
			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.

Saving screenshot
Warning! You are not currently logged in, please stop the vehicle LOCIN Forgot Password?
n audible alert is also available that can be heard every couple of seconds.

The **visible warning** stays on screen which prevents the driver from using any features of the tablet except from accessing it through the driver icon on the *notification bar*.

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.

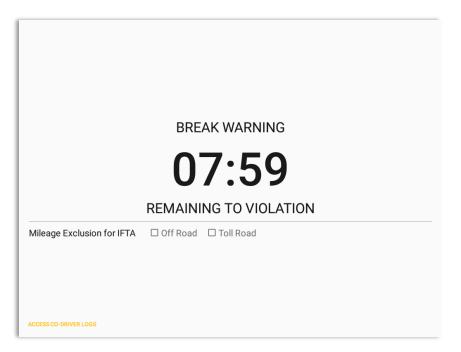


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			Connect X
SWITCH EQUIPMENT	SHIPPING DOCS	REMARK	LOGON CO-DRIVER
GAIN TIME	EXCEPTION	DATA TRANSFER	SWITCH CO- DRIVER
RETURN TO) HOS SCREEN	DOCU	IMENT
	Warning: Location Serv	ice is currently disabled	

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.





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 MasTrack support at <u>800-559-</u> <u>8991</u> or send an email to <u>support@mastrack.com</u> .
An unknown error has occurred.	Contact MasTrack support at <u>800-559-8991</u> or send an email to <u>support@mastrack.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 MasTrack for assistance.	Try logging in after a few minutes and if error persists, contact MasTrack support to <u>800-559-</u> <u>8991</u> or send an email at <u>support@mastrack.com</u> .
An error has occurred while retrieving account details.	Contact MasTrack support at <u>800-559-8991</u> or send an email to <u>support@mastrack.com.</u>
An error has occurred while setting up the account. Please contact MasTrack for assistance.	Contact MasTrack support at <u>800-559-8991</u> or send an email to <u>support@mastrack.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 MasTrack support to <u>800-559-</u> <u>8991</u> or send an email at <u>support@mastrack.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 MasTrack 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.

