



TRACKENSURE

Application Guide

For Android Devices

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AOBRD to ELD Switch

On January 1, 2023, all driver log books must be converted to Electronic Logging Devices (ELD). Sometimes, AOBRD data may be lost if it is not transferred to the servers before switching to ELDs. If this has happened to you, please create a paper version of the missing data and submit it along with your information to safety.trackensure@gmail.com

Android Devices

Please avoid using two different devices, as this is especially important for team drivers.

Team drivers must use a single mobile device to record their times. PT30 cannot connect to two mobile devices simultaneously because data will be lost.

A single driver may use multiple devices, but only one at a time. If they do, they must ensure that the data from one device has been transferred to the server before they start using a different mobile device. You can check if all data has been transferred by looking at the Settings screen and confirming that the Upload Queue size is empty.

For the application to work correctly, a stable Internet connection is required.

Status Screen

This is the main application screen, where most of the work should take place.



1. Three lines in the top left corner - this is the Side Menu icon, click it to Log Out, to go to Hours of Service, Settings, DVIR/PTI, Fuel and Support
2. M/D - this is the Malfunction/ Diagnostics icon, click it to view the current status of the system. This icon may become red due to loss of GPS signal or loss of PT30 signal or other malfunctions.
3. Signal - this is the internet connection indicator.
4. Truck - this is the truck/PT30 connection indicator. When the truck is red but ignition is on you can click on this icon to reconnect to your truck. When the truck is green you can click on it to disconnect from the truck.
5. Flag - USA, Canadian South or North flag to change operation zone you drive.

6. Driver name - the name of the driver that is currently logged in. In case of team drivers, this is the name of the driver, whose logbook is currently on the screen in the Log section.
7. Driver Icons - click on these icons to use the SWAP button to switch between current driver and co-driver or use the 'eye' icon to view a driver's logbook.
8. STATUS - switches the view to the main Status screen.
9. LOGS - switches the view to Logs/Graph/Insert Event screen
10. DOT INSPECT - switches the view to driving Summary/Certify Records/Initiate Data Transfer/View Unidentified Records screen/View Carrier Edits.
11. RULES - view of rules
12. DVIR - creating a truck inspection report.
13. Status change.
14. HOS calculators - remaining hours before the end of driving, before the next break, before shift end, before cycle end.

Status Screen

ELD automates the recording of driving time. Because of this, when the truck is connected to the app, it should automatically detect changes to driving status within 3-10 seconds from the start of driving.

When the truck stops, DO NOT turn the ignition off until the Status section becomes active. Then, use the Status section to go Off Duty, On Duty, or Sleeper Berth. Do not use "Logs" > "Insert event" for this, just use the "Status" section.

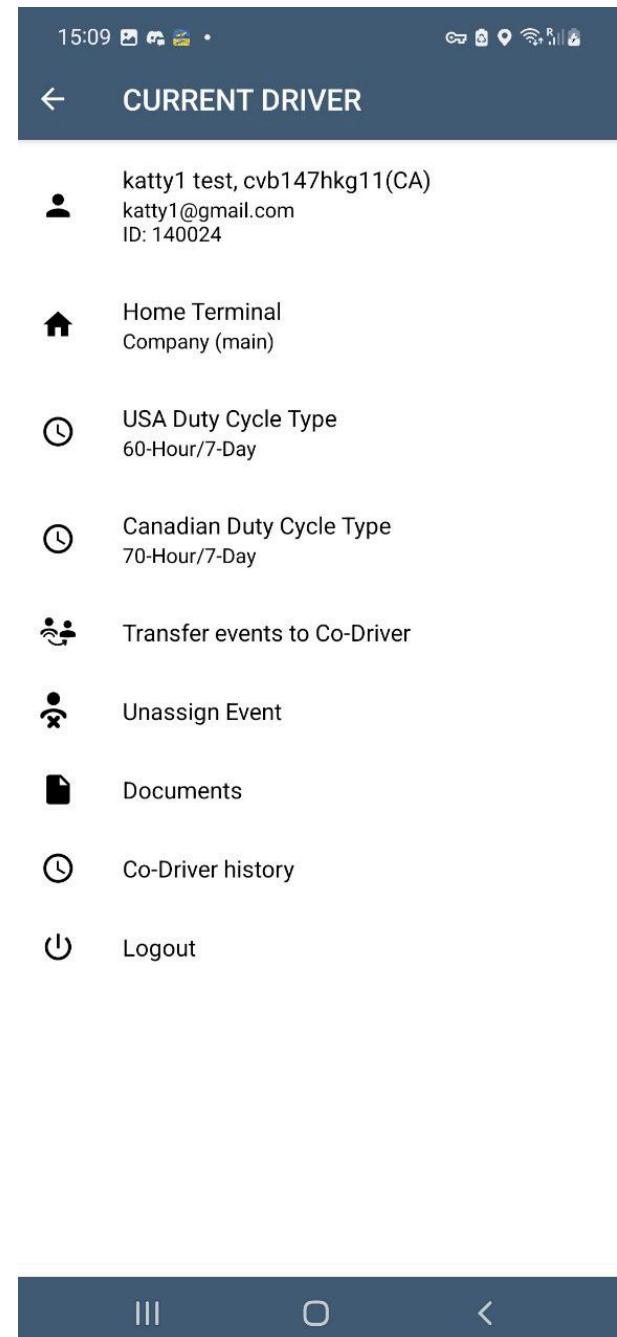
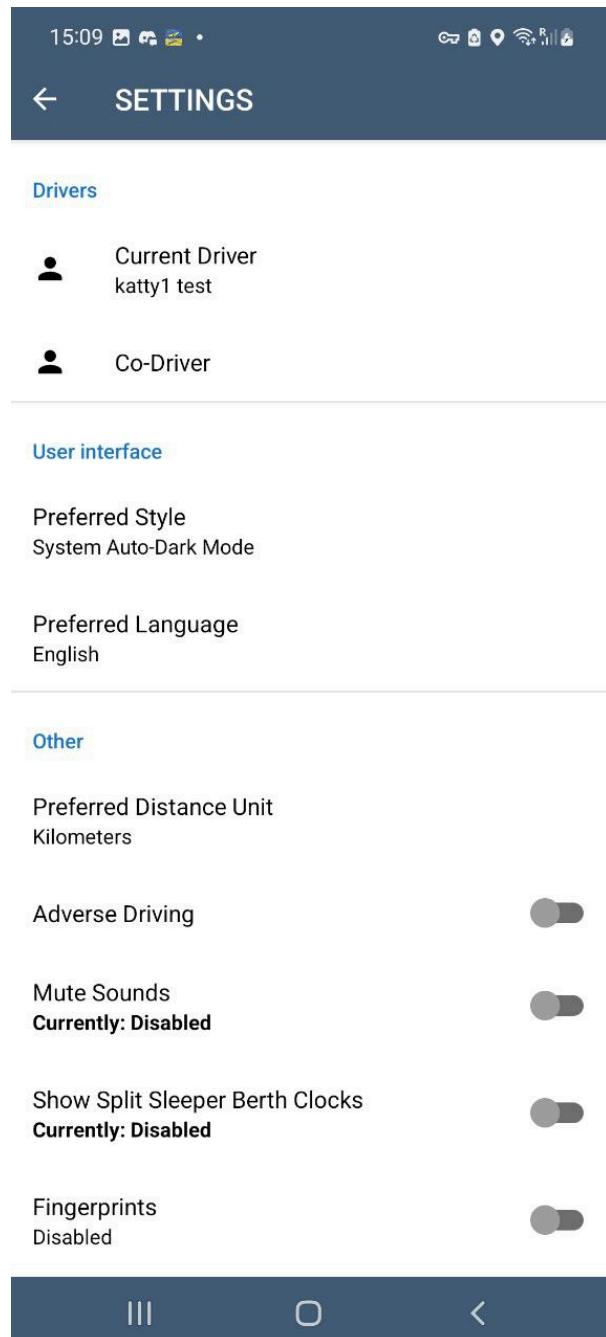
Side Menu

Tap the side menu icon (three white lines in the top left corner) to enter the Side Menu. Here you will have the following options:

- Hours of Service - switching to the main Hours of Service screen;
- DVIR - DVIR/PTI screen;
- Settings - settings page for the user;
- Truck Settings - current truck info/Trailer/ Shipping/PT-30 F/W version
- Subscriptions - opens the subscription status page;
- Contact Support - chat with our Support team;
- Logout - sign out of the application.

Settings

Driver's Settings



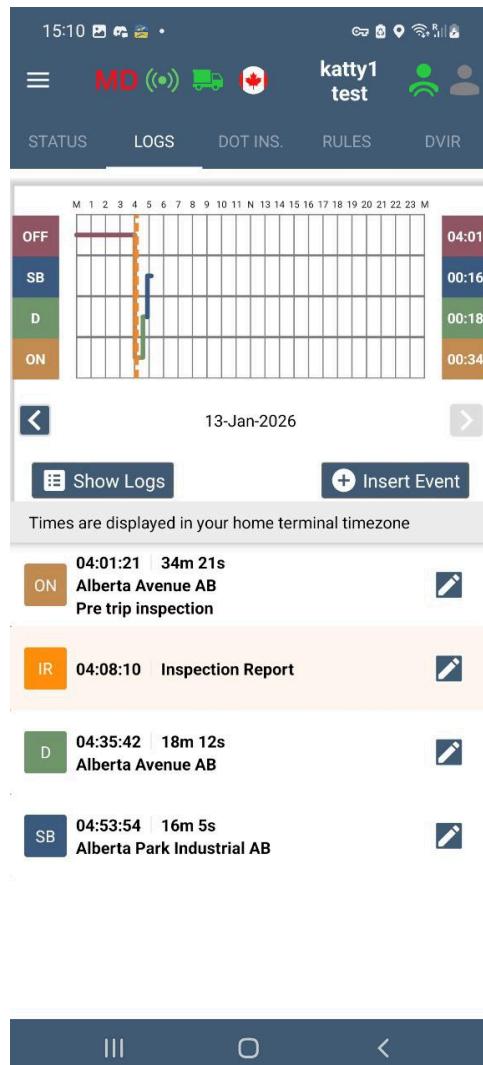
Logs Tab

The LOGS tab displays the daily graph; the related events are listed and described below.

Utilize the fast edit and add tools to correct your RODS if they are inaccurate. You can view each day by clicking the "<" and ">" buttons for navigation.

You may add any missing events using the "Add Event" button, and any incorrectly added events can be edited.

To review your RODS, tap the "Show Logs" button; all detailed information about Events (odometer, engine hours, etc.) will be available there.

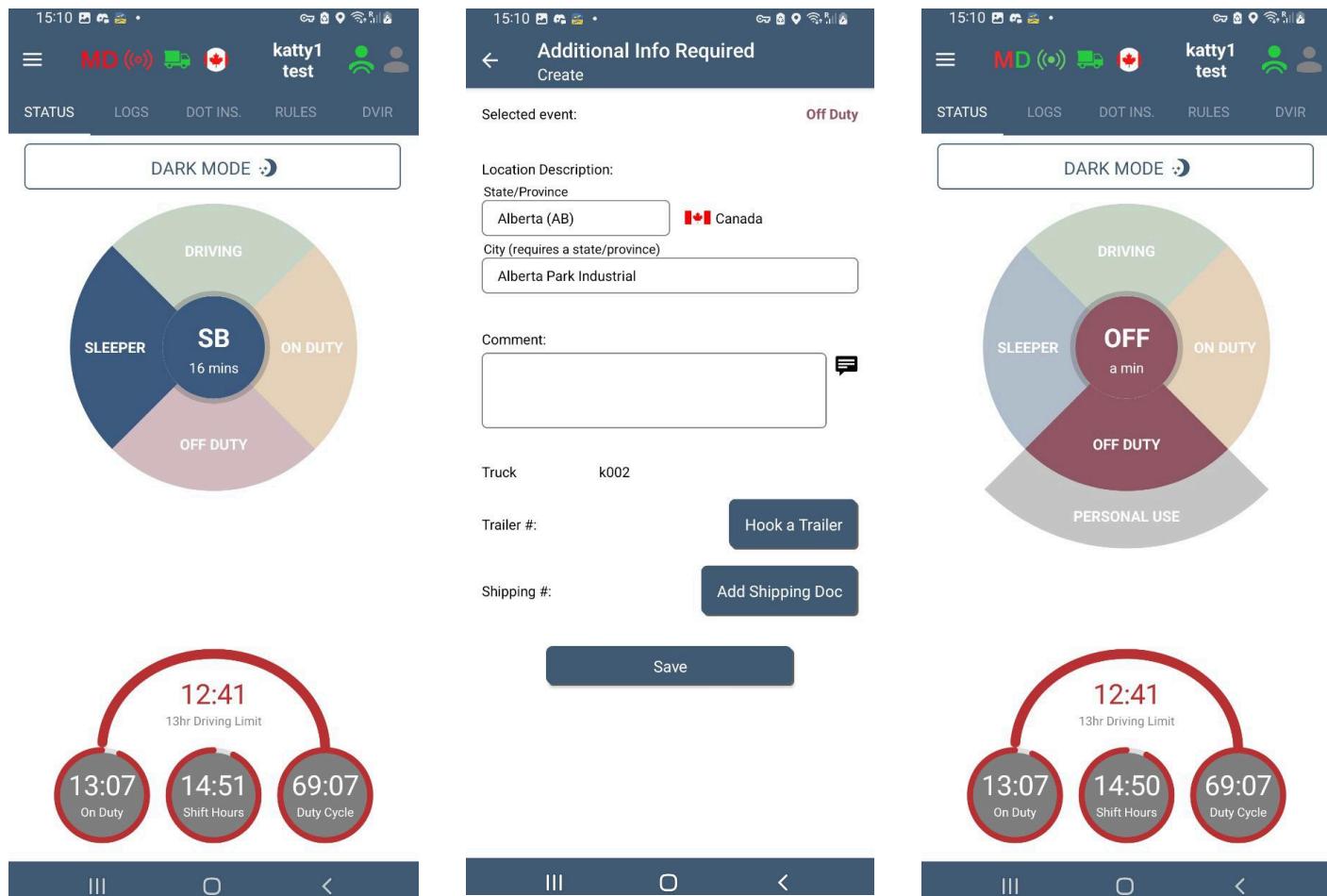


Status abbreviations: ON (On Duty), OFF (Off Duty), PC (Personal Conveyance), CL (Clear), BC (Border Cross), D (Driving), YM (Yard Move), SB (Sleeper Berth), OFF DTD (Off Duty time deferral), CC (Cycle Change), OZC (Operation zone change).

Switching Statuses

To add the new status, select it on the STATUS page.

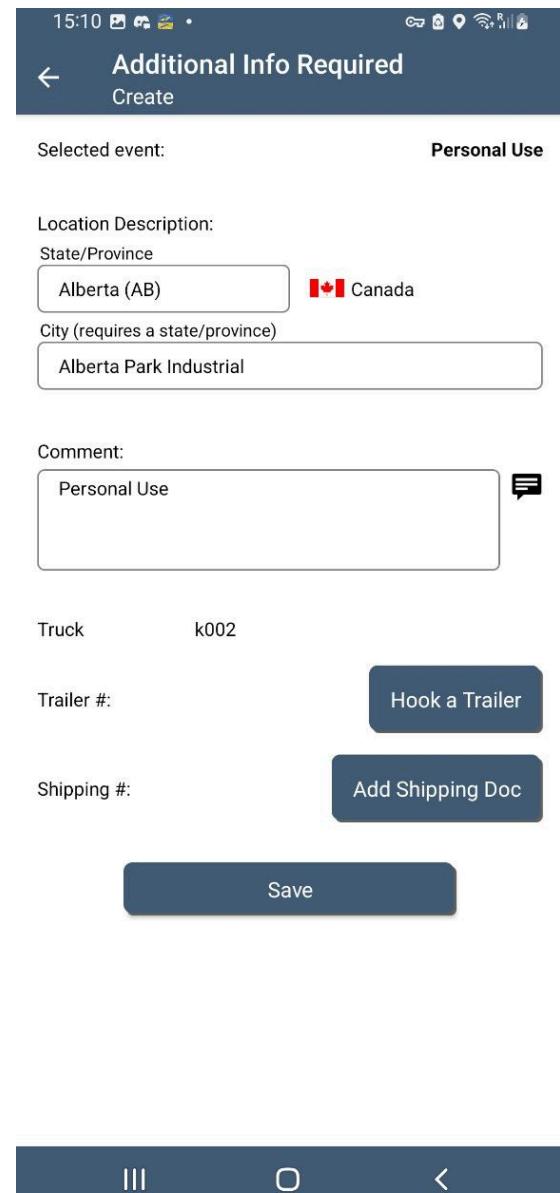
Once done, you need to fill in the data location (which will be filled out automatically, but you can change it), shipping documents, trailer #, comment, etc.



Personal Conveyance

To access this page, go to Menu > Hours of Service. Personal Use will be counted as an Off Duty status.

Tap "PC".



15:10

Additional Info Required

Create

Selected event: Personal Use

Location Description: Alberta (AB) Canada

City (requires a state/province) Alberta Park Industrial

Comment: Personal Use

Truck k002

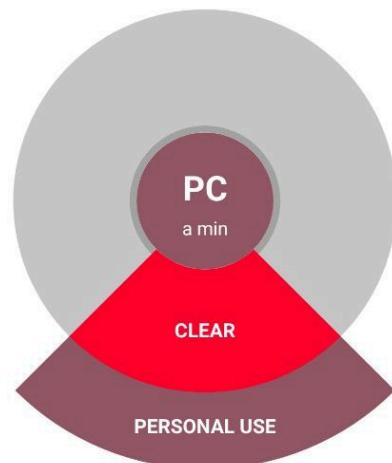
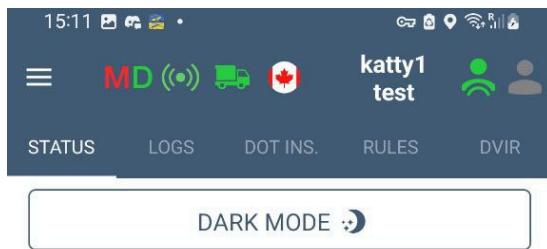
Trailer #: Hook a Trailer

Shipping #: Add Shipping Doc

Save

Personal Conveyance

To clear Personal Use, you need to click on "CLEAR". Add corresponding information and save it.



15:11 katty1 test

← Additional Info Required
Create

Selected event: Cleared

Location Description:

State/Province

Alberta (AB)

Canada

City (requires a state/province)

Alberta Park Industrial

Comment:

Cleared

Truck

k002

Trailer #:

Hook a Trailer

Shipping #:

Add Shipping Doc

Save



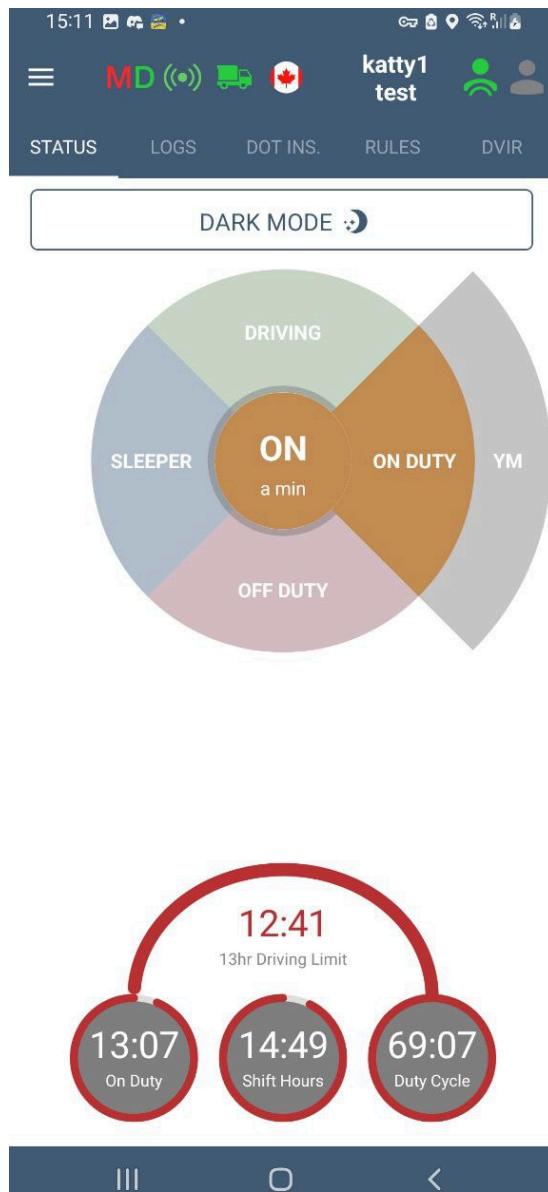
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Yard Move

Yard Move will be counted as an On Duty Not Driving status.

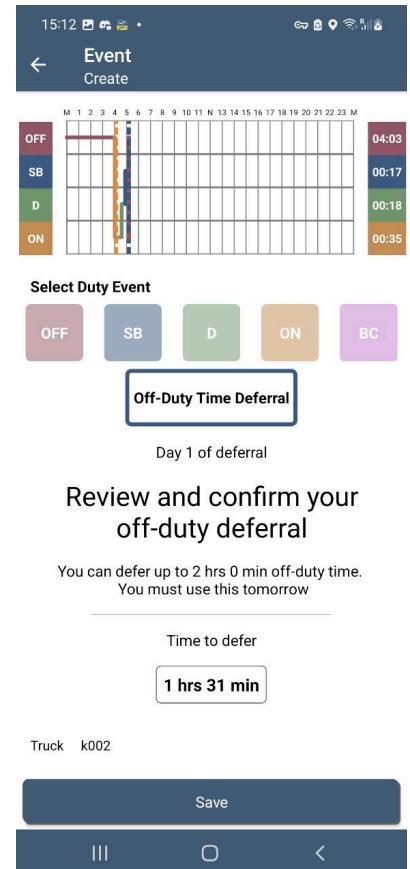
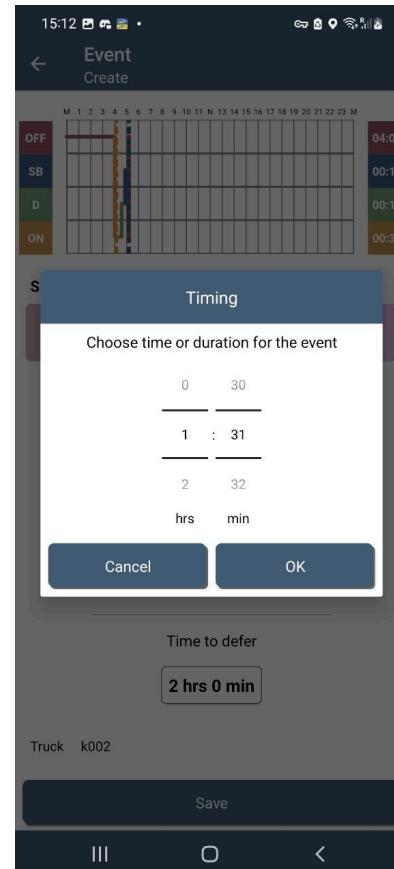
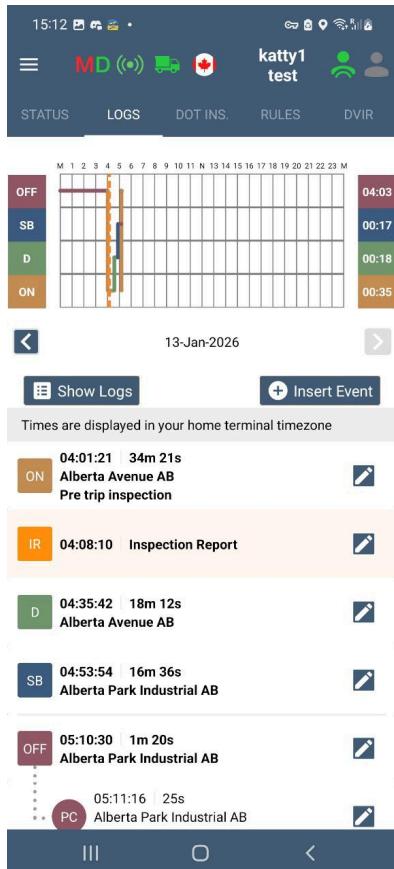
Tap “Yard Move” (“YM”).

In order to clear Yard Move, you have to click on “CLEAR”. Add corresponding information and save it.



Off Duty Time Deferral

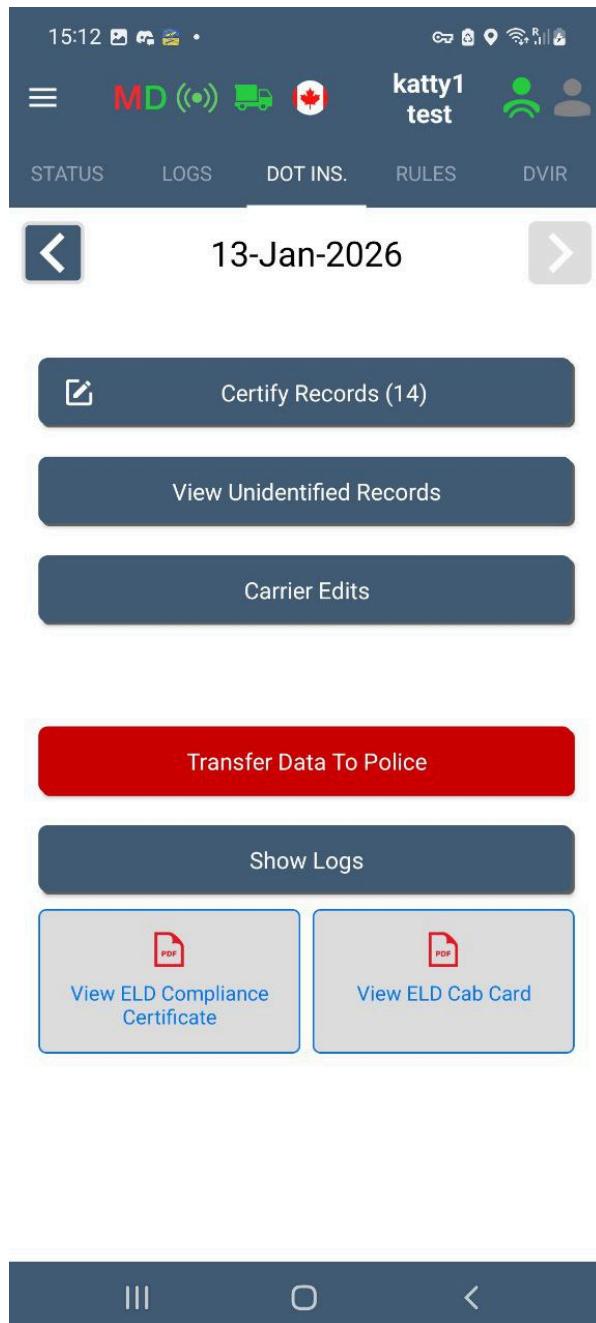
1. Log in to the Driver App and tap on the LOGS tab.
2. Select your log for the current day.
3. Tap on "Add Event".
4. Choose the "Off Duty-Time Deferral event".
5. The screen updates, allowing you to select a time to defer. You can defer up to two hours to remain compliant. Select your preferred time and tap "OK".
6. Once completed, you will see the event on your current day's log.



DOT Inspect Tab

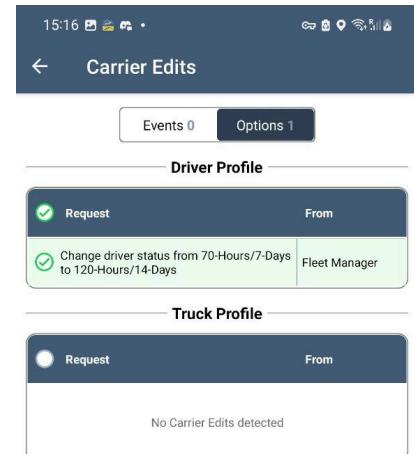
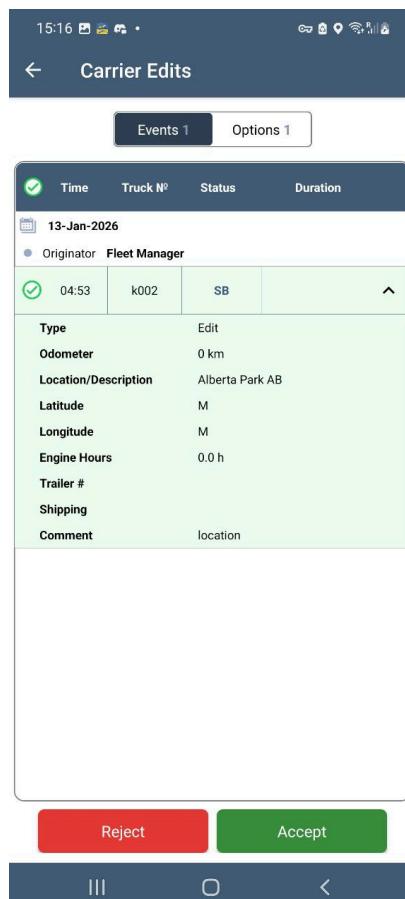
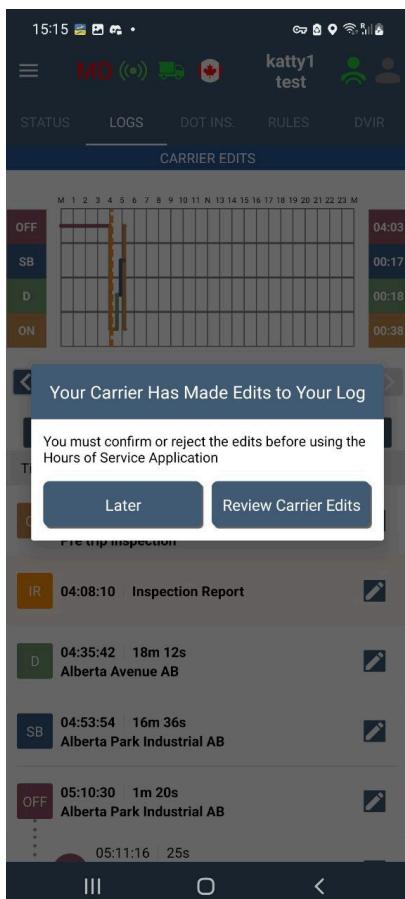
Tap on the DOT INSPECT screen for the following functions:

- “Certify Records” button
- “Unidentified Records” button
- “Carrier Edits” button
- “Start Inspection/ Transfer Data to Police”
- “Show Logs” (odometer, truck, trailer, engine hours, carrier, etc.)



Carrier Edits

Your administrator (Fleet Manager/Support Personnel) may modify your logs to correct errors or upon your request for changes. Each suggested modification will require your approval. These changes to your ELD logs are displayed as a banner at the top part of the main screen and appear as alerts on the screen.



You can accept or reject individual or multiple suggested changes. If you accept one, the new event with the requested change will become active in your log. You must then recertify the log.

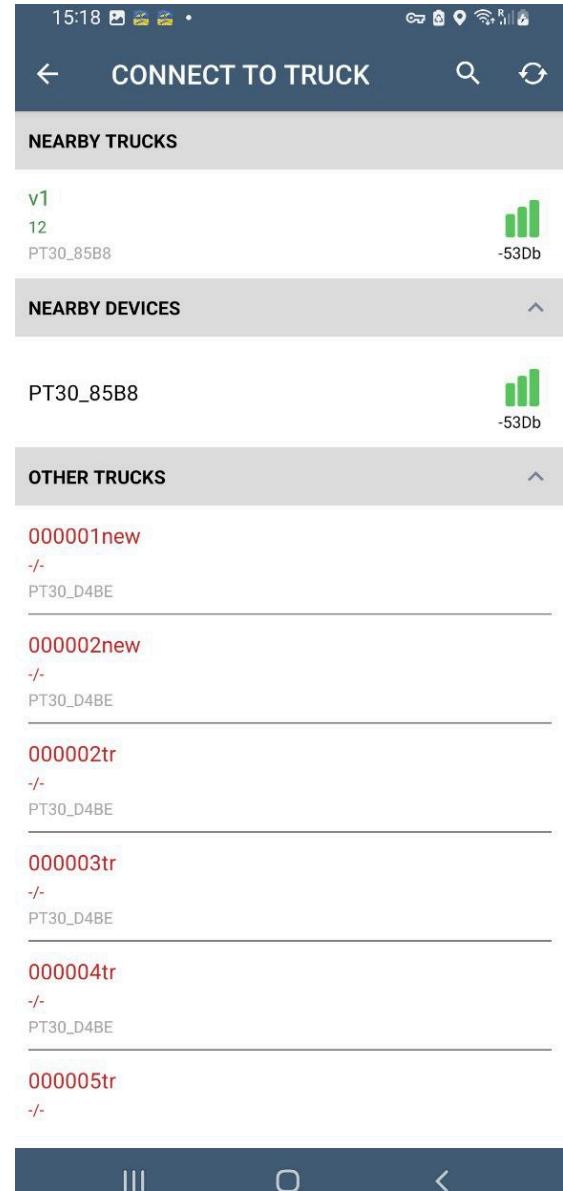


Connecting ELD Device to Truck and App



Plug the ELD device into the cable. Install the device in such way, so you can always see all the indicators and notifications.

Go to the Hours of Service menu item. Tap the truck icon on the top header bar.



The application will scan for available nearby trucks.

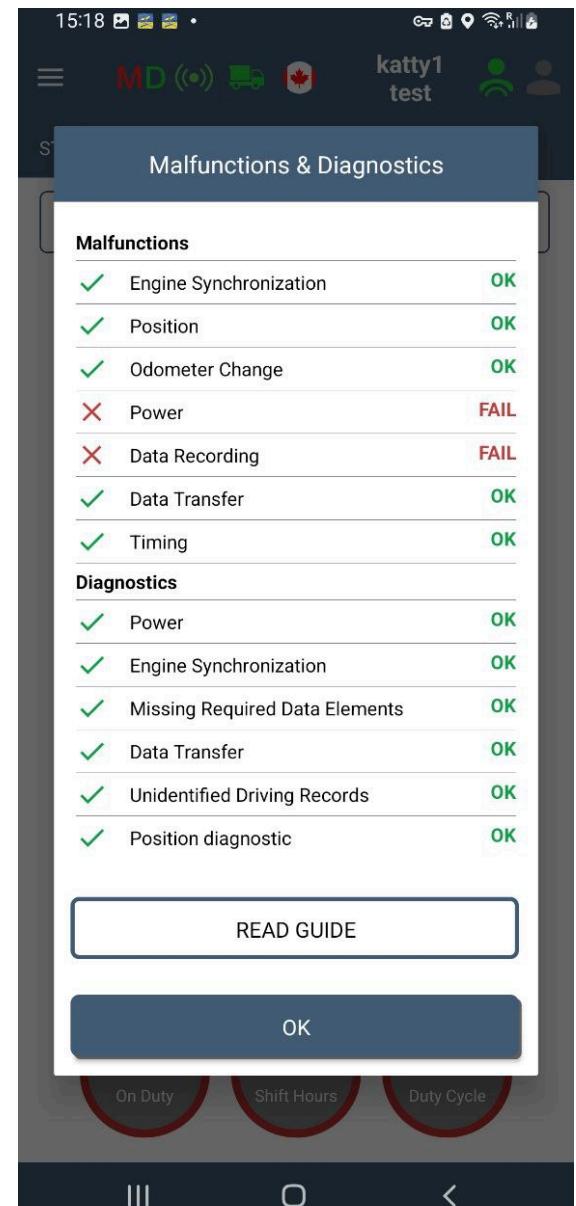
Select your truck and PT30 Serial Number from the list.

ELD Malfunctions



MD

- this is the Malfunction/Diagnostics icon; tap it to view the system's current status. This icon may become red due to loss of GPS signal or PT30 signal or other malfunctions.



ELD Malfunctions

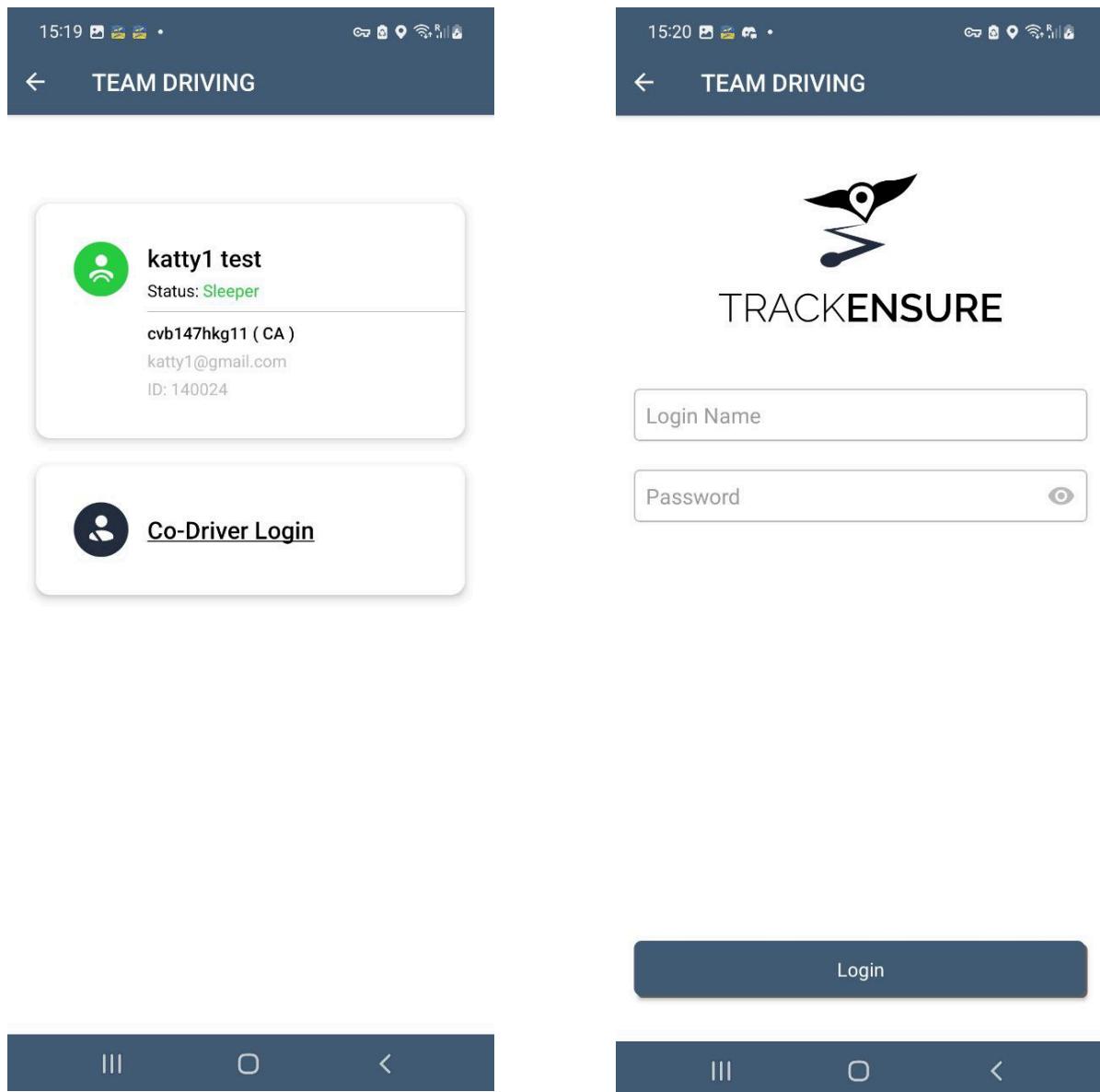
MDC	Malfunction type	Reason	Resolution
P	Power compliance	ELD is not powered for an aggregated in-motion driving time of 30 minutes or more over a 24-hour period across all driver profiles.	Contact the motor carrier and arrange for the ECM link to be restored. Please check the power supply. Reconnect the ELD device if required.
E	Engine Synchronization	More than 30 minutes without Engine Control Module (ECM) synchronization over a 24-hour period.	Notify the carrier as soon as possible and arrange for the ECM link to be restored. Once it's restored, review and correct your logs, then restart the truck engine.
T	Timing compliance	The ELD device is sending an incorrect timeframe of events.	Please check the power supply. Reconnect the ELD device if required. Make sure ELD time is synchronized to UTC (Coordinated Universal Time).
L	Positioning Compliance	ELD has lost a valid GPS signal for over than 60 minutes during the 24-hour period.	This malfunction might appear during a temporary loss of a valid GPS signal, but it auto-resolves once GPS is restored and work properly during last 24-hour period.
R	Data Recording Compliance	The device (phone or tablet) has less than 5 MB of free space left.	Please remove unnecessary files from your device, ensure that you have more than 5 MB left.
S	Data transfer compliance	Malfunction occurs when the ELD stays in the unconfirmed data transfer mode following the next three consecutive monitoring checks.	Ensure that the ELD is connected to the cellular network and have internet connection.
O	Unregistered odometer change	The odometer has changed in case you do not drive the truck.	Please re-check the odometer in your application and on the events or call our support line.

ELD Malfunctions

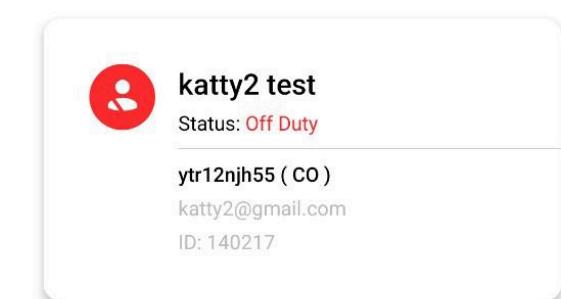
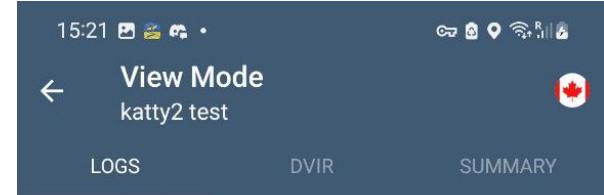
MDC	Data Diagnostic type	Reason	Resolution
1	Power data diagnostic	<p>The engine was started while the device was off, and the ELD took more than 60 seconds to power up after turning the engine on.</p> <ul style="list-style-type: none"> The engine was run, or the vehicle driven while the device was off. 	Manually power on the ELD and allow it to boot up before turning the engine on. This ensures that it is ready to record as soon as the engine starts.
2	Engine Synchronization Diagnostic	ECM can no longer acquire values for the ELD parameters required for records within a minute.	Notify the carrier as soon as possible and arrange for the ECM it's link to be restored. Once restored, review and correct logs, then restart the truck engine.
3	Missing required data elements data diagnostic	Occurs when any required data field is missing at the time of its recording.	Review and correct missing information in your Logs. Make sure the ELD records valid geolocation.
4	Data transfer data diagnostic	You were unable to transfer your data to the server. ELD switches to unconfirmed data transfer mode.	Please call your motor carrier or our Support Line. Make sure the ELD is connected to the cellular network, has internet connection and the next data transfer attempt is successful.
5	Unidentified driving records	More than 30 minutes of Unidentified driving in 24-hour period.	Assume your unidentified events until their duration drops to 15 minutes or less during the current 24-hour period and the previous 14 consecutive days. Please also check whether you are connected to the truck properly in order for the issue not to re-occur.
6	Positioning	More than a minute without a valid GPS fix.	It auto-resolves once GPS is restored.

Team Driving

When two drivers are working together as a team, both must log in on the same mobile device. The primary driver should follow the usual login procedure to access their account. The co-driver needs to log in on the same device by navigating to the Settings screen and entering their credentials.



Team Driving



Tap on the “Swap Drivers” button to change main driver.



Tap on the Co-Driver to switch perspective. You can now view and change Co-Driver’s duty status.