VORTEX

ELD Installation and Connection

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Installation & Connection

Connect the hardware

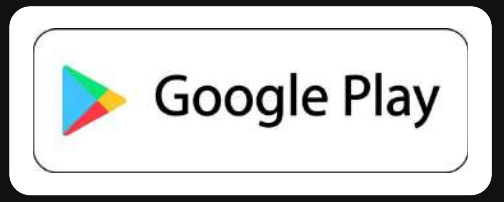
Before you start using the Vortex ELD, you need to install the hardware inside your vehicle. Attach the device to the diagnostic port of the vehicle. If the device is installed correctly, the green LED light will start blinking.

Make sure to mount your device away from electrical components, as they may cause interference.

Installation & Connection

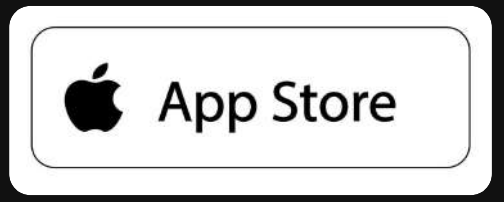
Install Vortex ELD app for Android

1. Type “Vortex ELD” into the search bar of Google Play Store.
2. Tap on “Install” button to download the app into your device.
3. Wait for the app to be successfully installed into your device.



Install Vortex ELD app for iOS

1. Type “Vortex ELD” into the search bar of App Store.
2. Tap on “Get” button.
3. Tap on “Install” button to download the app into your device.
4. Wait for the app to be successfully installed into your device.

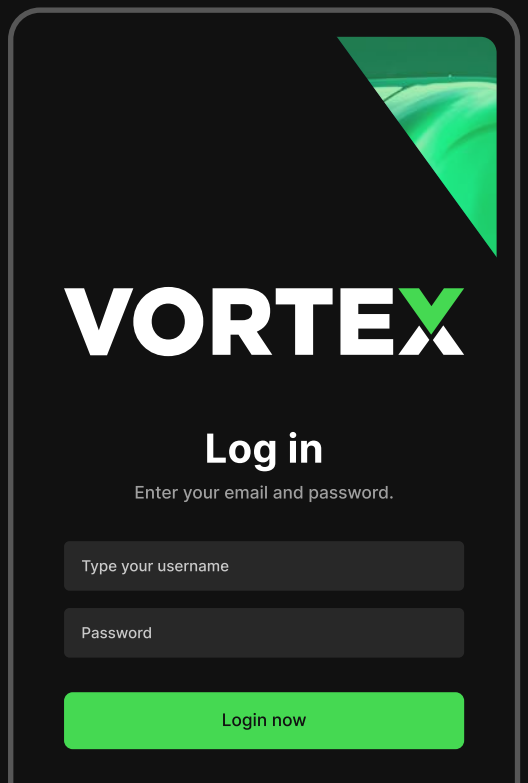


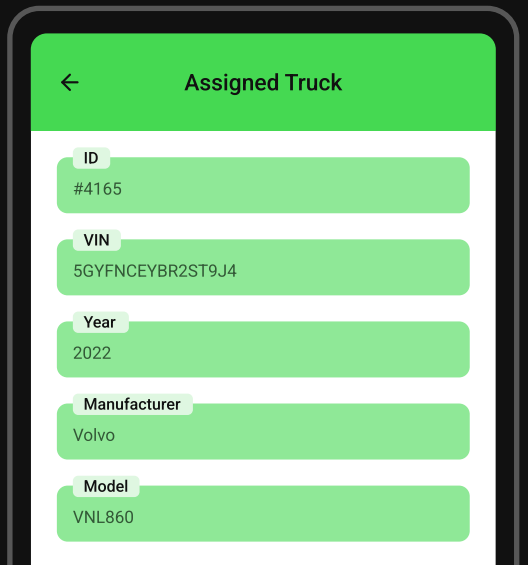
Installation & Connection

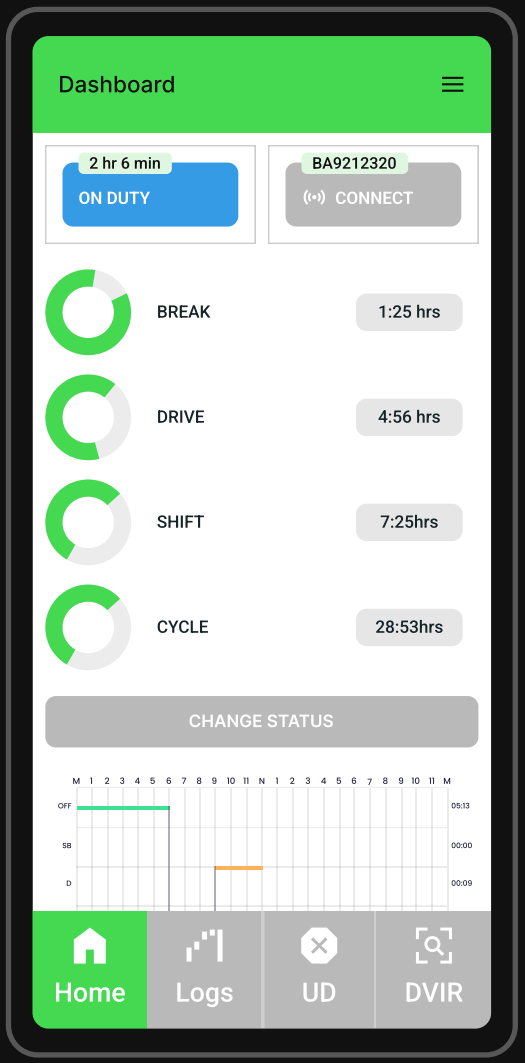
Login

Once you open the Vortex ELD App, enter your login information. Once you select your vehicle, you will be directed to the main menu.

To connect your device to the vehicle, tap on the "Connect" button in the top right corner of the screen. Once it turns green, your device is connected to the hardware.





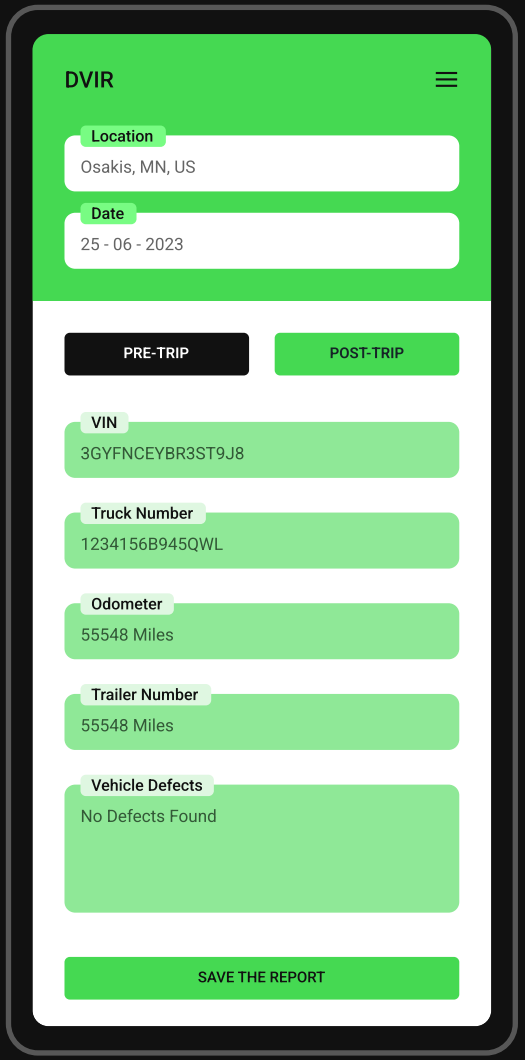


Driver Vehicle Inspection Reports

DVIR

At the beginning of each shift, you need to complete the Pre-Trip DVIR.

1. Inspect vehicle components before or after trips.
2. Go to the menu and choose "CREATE DVIR."
3. Choose between pre-trip and post-trip inspection.
4. Fill out all the necessary fields.
5. Add all vehicle/trailer defects if found.
6. Tap the "Save the report" button to save the report.



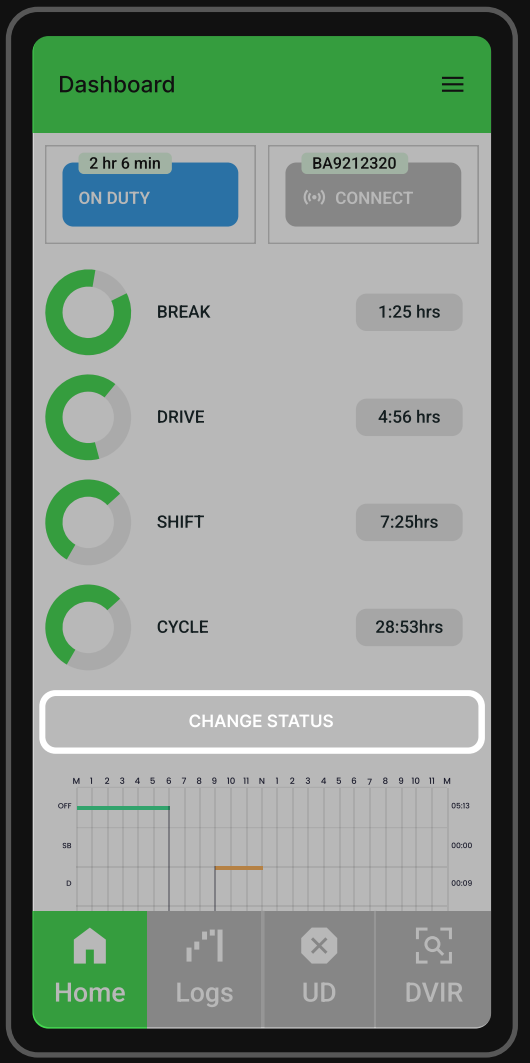
Hours of Service

HOS

Tap on "Change Status" to select some other duty status. Vortex ELD will detect when your vehicle is moving at 5 MPH or greater speed and will set your status to "Driving" automatically. Remember, while driving, you will not be able to make any edits on the app.

At 0 MPH, Vortex ELD will determine your vehicle to be stationary. If your vehicle remains stationary for five minutes, you will be asked if you would like to change your duty status.

If you ignore this question, your status will be changed to "On Duty."



DOT (Department of Transportation)

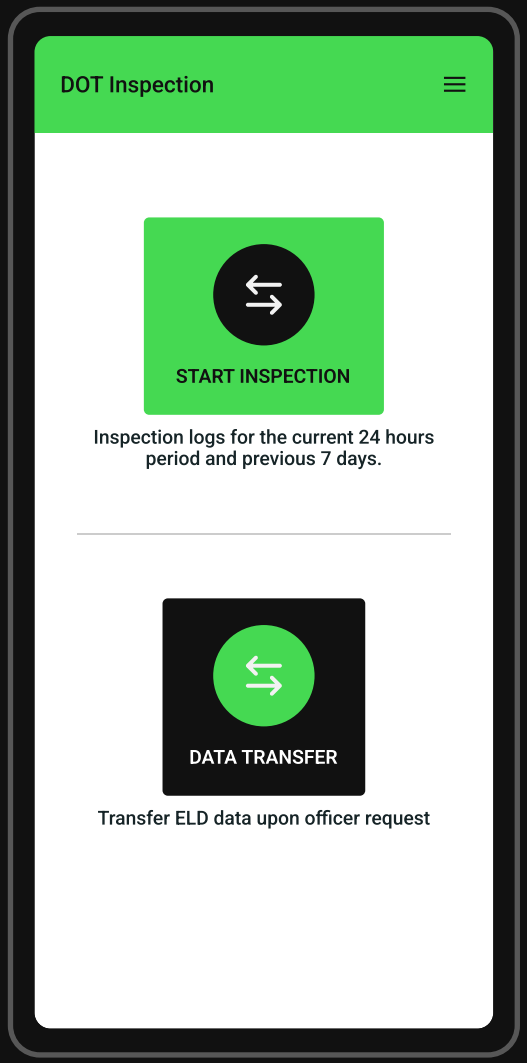
Inspect Logs

1. During a roadside inspection, go to the menu and then select "DOT Inspection."
2. Choose between "START INSPECTION" and "DATA TRANSFER."
3. Tap "START INSPECTION" and give your device to the DOT officer.

Data Transfer

The officer might require the data to be transferred to their device.

1. Repeat the same steps as before, only choose the "DATA TRANSFER" option. Choose the transfer method from the DOT Inspection menu.



Data Diagnostic Events

Diagnostic and malfunction events appear in the header of the application in the top-right corner. A capital 'D' stands for diagnostic events, while the 'M' stands for malfunction events.

In order to resolve the data inconsistency, the driver must follow the motor carrier's and ELD provider's recommendations.

Tap 'D' (diagnostic data) or 'M' (malfunction) for error details.

Malfunction

Stop using the Vortex ELD and report to your manager immediately when the ELD detects:

Switch to paper logs until the ELD is serviced and back in compliance.

Malfunction related to power compliance.
Malfunction related to engine synchronization compliance.
Malfunction related to timing compliance.
Malfunction related to position compliance.
Malfunction related to data transfer compliance.

A driver must not record hours of service on a paper log for more than 8 days after the malfunction. A driver that continues using paper logs beyond 8 days risks being placed out of service.

Carrier responsibilities

The ELD has detected the following diagnostic events:

1. Power Data Diagnostic Event
2. Missing Required Data Diagnostic Event
3. Data Transfer Diagnostic Event
4. Unidentified Data Diagnostic Event

It is recommended to stop using the Vortex ELD and report to your manager immediately.
Switch to paper logs until the malfunction is corrected.

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