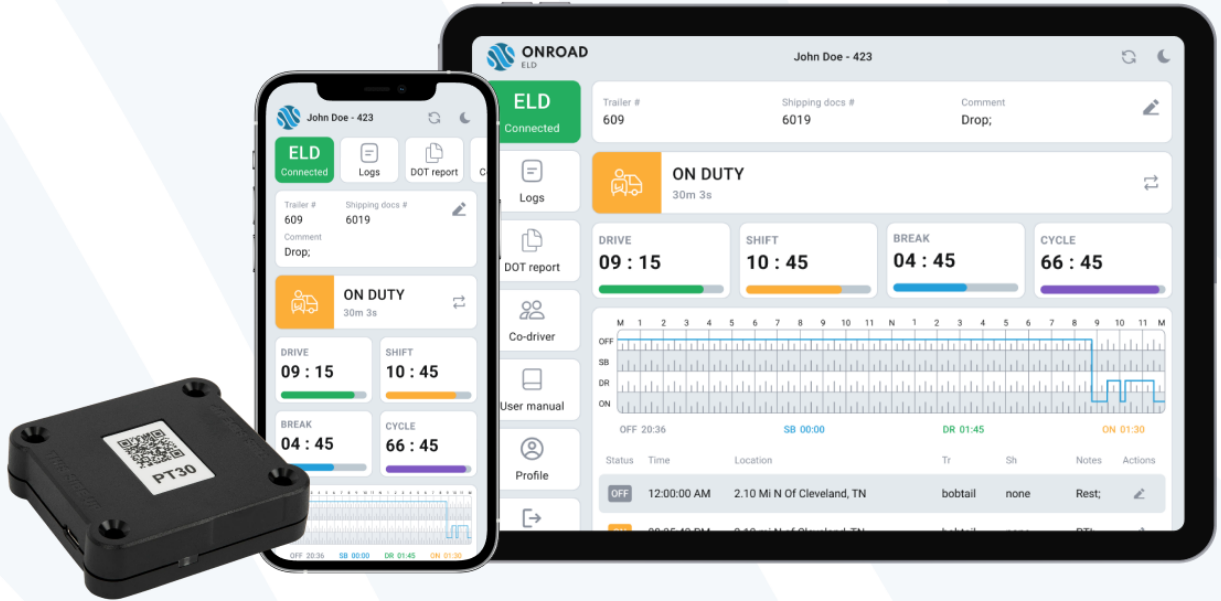


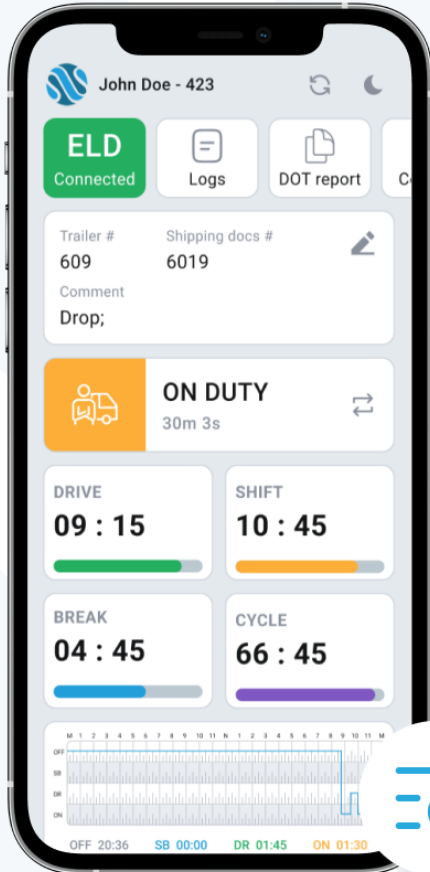


ONROAD ELD



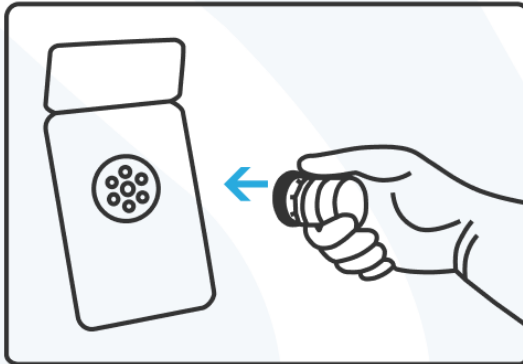
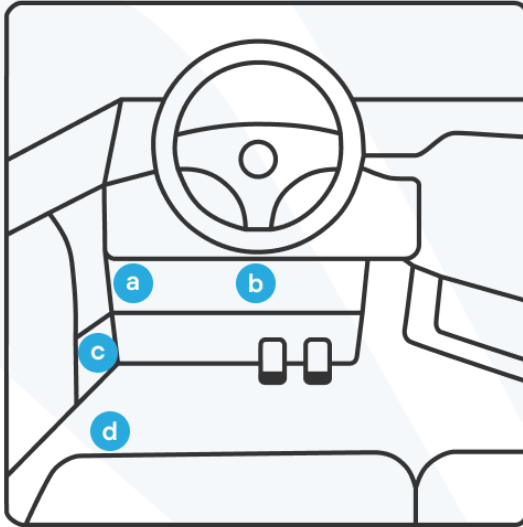
ELD USER MANUAL

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1. ELD Installation Guide



Step 1: Preparation

Make sure the vehicle's engine is turned off. Switch the key to the "OFF" position before connecting the ELD device.

Step 2: Locate the Diagnostic Port

Find the vehicle's diagnostic connector. It's usually located:

- Under the left side of the dashboard
- Under the steering column
- Near the driver's seat
- Under the driver's seat

Step 3: Connect the ELD

Insert the ELD plug into the diagnostic port. Turn the locking mechanism until it clicks, ensuring a secure connection.

Step 4: Device Synchronization

Once connected, the ELD will start synchronizing with the vehicle's engine control module (ECM).



PT30 DEVICE



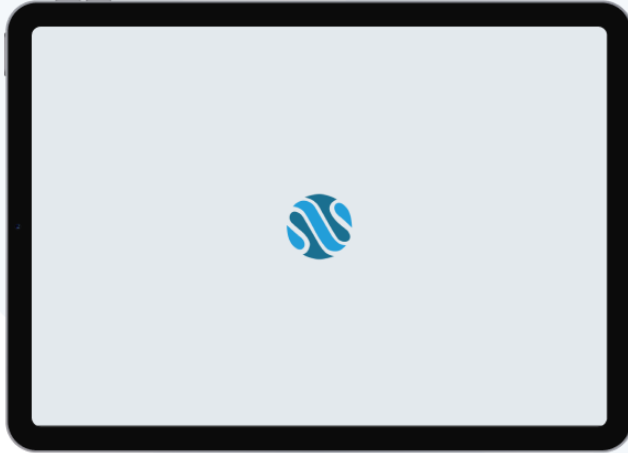
IOSIX DEVICE



OBDII



9-Pin



2. App Installation

1. Verify Device Compatibility

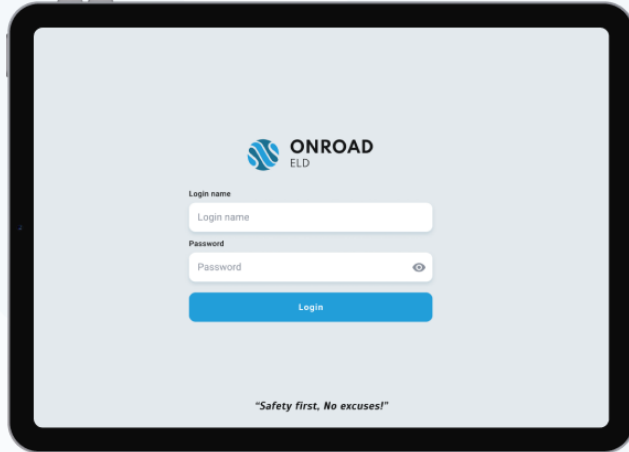
Before installing, ensure that your tablet or smartphone meets the minimum requirements for the ELD app (e.g., operating system version and available storage).

2. Download the App

- For Android devices, open the Google Play Store, search for the ELD app, and tap "Install."
- For iOS devices, open the App Store, search for the ELD app, and tap "Get."
- If your carrier provides a direct link or QR code, follow their instructions to download the app.

3. Install and Open the App

Once downloaded, the app will install automatically. Find and open it on your home screen or app list.



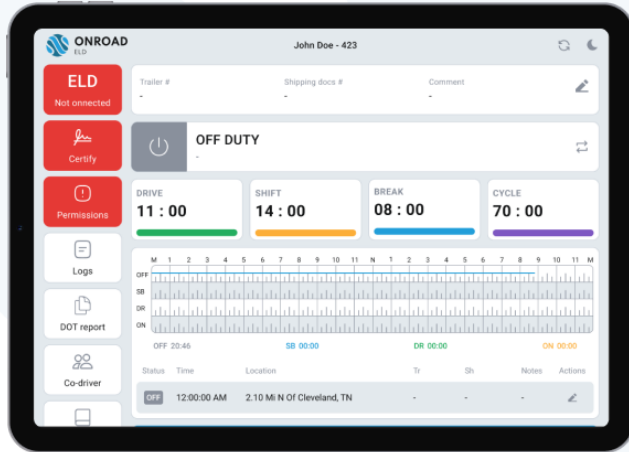
3. Driver Login

1. Account Access

Your carrier/fleet administrator will create your driver account. Use the username and password they provide to log in. If you have not received these details, contact your carrier/fleet administrator to request or reset your credentials.

2. Granting Permissions

When logging in for the first time, the app may ask for access to location services and other permissions. Granting these permissions ensures accurate mileage tracking, compliance with ELD regulations, and proper functioning of all app features.



4. Logbook Home Screen

Use your Logbook Home Screen to quickly view your duty status, available hours, and recent logs. This central hub helps you stay organized and compliant with ELD regulations.

1. Driver & Vehicle Details

Displays your name, driver ID, and vehicle information so you can confirm you're logged into the correct profile.

2. Current Duty Status

Shows whether you are ON DUTY, DRIVING, OFF DUTY, or in SLEEPER BERTH, along with how long you've been in that status.

3. Hour Counters

Tracks remaining Drive, Shift, Break, and Cycle hours so you know when you need to rest or reset.

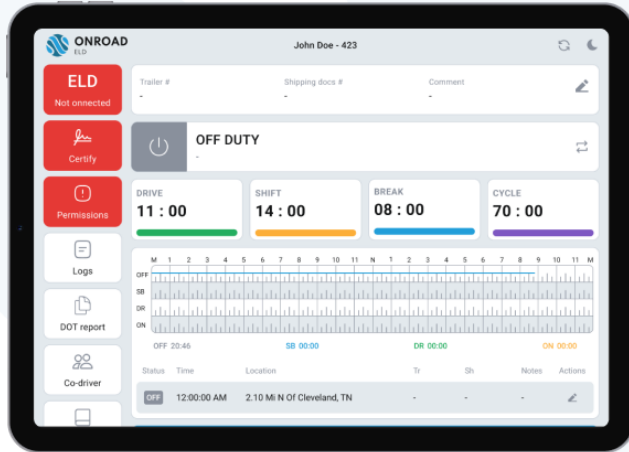
4. Daily Log Graph

A timeline of OFF, SB, DR, and ON periods for the day, allowing you to quickly review status changes.

5. Log Entries Table

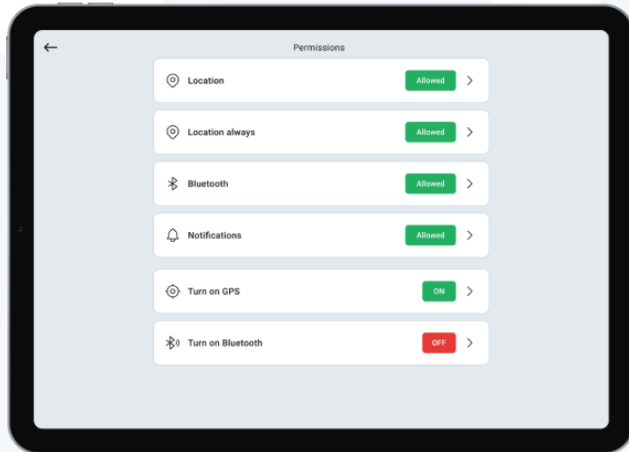
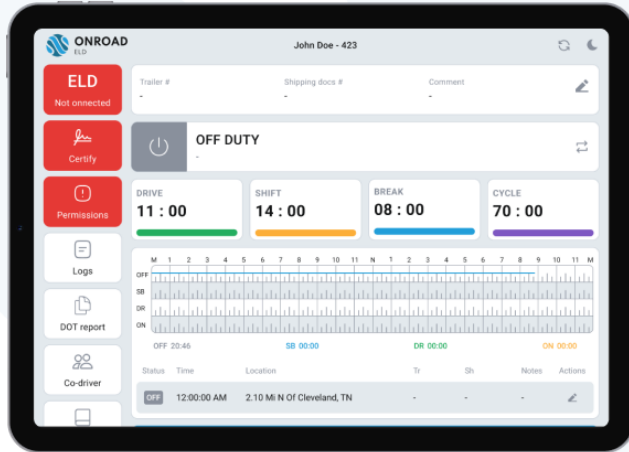
Displays the time, location, status type, and notes for each entry, ensuring you can verify your logs for accuracy.

4. Logbook Home Screen



6. Left-Side Menu

- **ELD:** Shows your ELD connection status. Tap this to manage the device link or troubleshoot any connection issues.
- **Certify:** Appears if you have uncertified logs. Tap to review and sign your logs. Disappears once all logs are certified.
- **Permissions:** Appears if the app is missing required permissions (e.g., location access). Tap to enable these. Once granted, this item is removed.
- **Logs:** Access detailed logbook entries and past records.
- **DOT:** Generate an inspection report for roadside checks.
- **Co-driver:** Switch users or add a co-driver if you're driving as a team.
- **User Manual:** Open in-app documentation and guides.
- **Profile:** Update your personal information.
- **Log Out:** End your session securely when finished.



5. Enable App Permissions

1. Permission Reminder

- If any required permissions (e.g., Location, Bluetooth) are not granted, a Permissions menu item in red will appear on the left side.
- This indicates you need to provide access for the app to work properly.

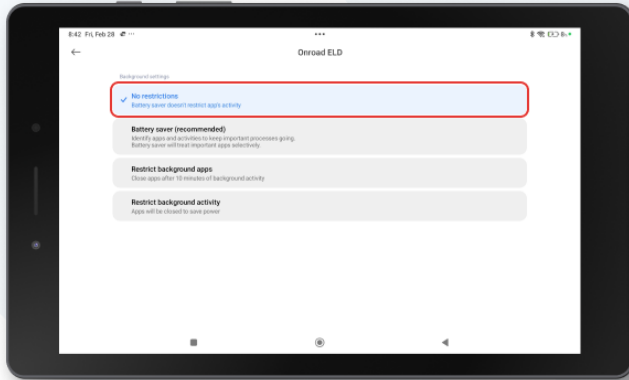
2. Reviewing Permissions

- Tap Permissions to open a detailed list of requirements, each showing whether it's currently allowed or denied.
- Location services, notifications, and Bluetooth must be enabled to ensure accurate tracking and compliant ELD functionality.

3. Granting Access

- Select a permission that's marked "Denied" or "OFF" to see the steps for enabling it (such as visiting your device's Settings).
- Once you've allowed all required permissions, the Permissions menu item will disappear from the sidebar.

5. Enable App Permissions

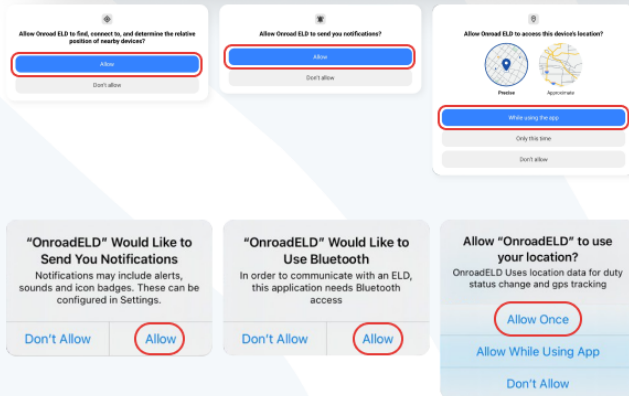


Disable Battery Restrictions (Android)

To ensure the Onroad ELD app runs correctly in the background, set its battery usage to No restrictions on your Android device. If you leave battery saver modes or background restrictions active, the app may stop tracking data or sending notifications when minimized or locked.

How to Change Battery Settings

- Open your device's Settings.
- Go to Apps or App management, and select Onroad ELD.
- Find Battery or Power usage settings.
- Choose No restrictions (or the equivalent option) to allow the app to run continuously in the background.



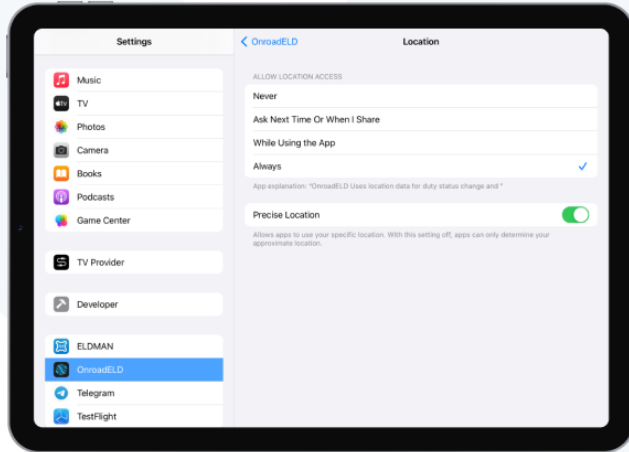
6. Enable App Permissions

Location Permission (iOS)

To accurately track driving and comply with ELD requirements, the Onroad ELD app must have continuous access to your location.

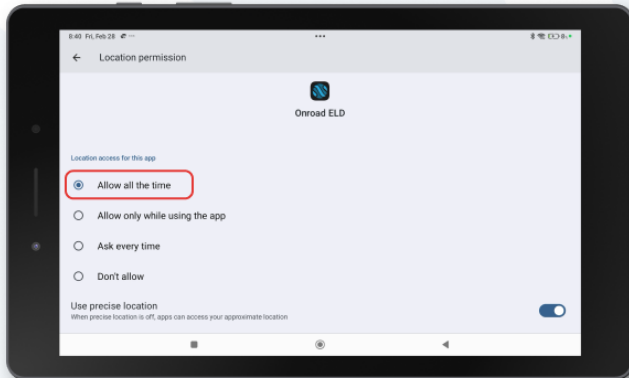
iOS

- Open your Settings app.
- Scroll down and select Onroad ELD.
- Tap Location.
- Choose Always (depending on your iOS version, the setting may appear as: **Always, Allow Always, Always Allow**).
- (Optional) Make sure Precise Location is turned on for the most accurate



Android

- Go to your device's Settings.
- Tap Apps (or App Management) and select Onroad ELD.
- Under Permissions, choose Location.
- Select Allow all the time (on different Android devices or OS versions, this setting may appear as: **Allow all the time, Always allow, Allow background location, Allow all the time (including background)**).



6. ELD (Electronic Logging Device)



Blinking green and blue

The app is connected and the Adapter is receiving ECM data.



No light

Device is not plugged into the truck's diagnostic port.



Flashing green LED

Device is powered



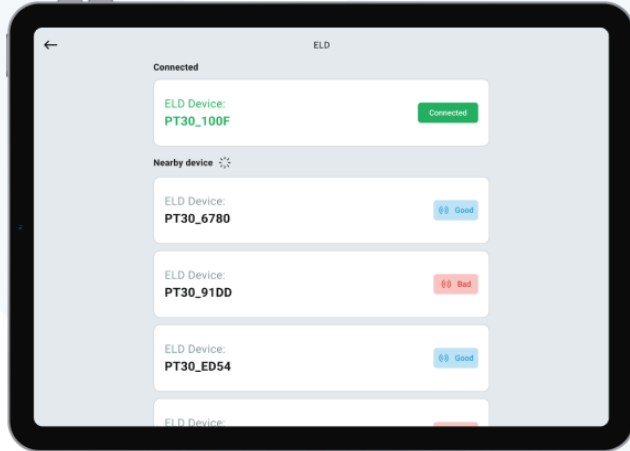
Flashing red LED

Internal GPS is in acquisition mode.



Solid red LED

The signal is locked, but you CAN proceed to the next step without waiting for GPS lock. Go to the next step.



7. Connecting to the Vehicle

1. Plug In Your ELD and Enable Bluetooth

Make sure your ELD device (e.g., IOSIX or PT-30) is firmly attached to the truck's diagnostic port, and if your phone or tablet's Bluetooth is off, the app will prompt you to enable it—tap Allow or Enable as needed.

2. Open the ELD Menu

From the main screen, tap ELD on the left menu to view nearby devices. The app will scan for available ELDs.

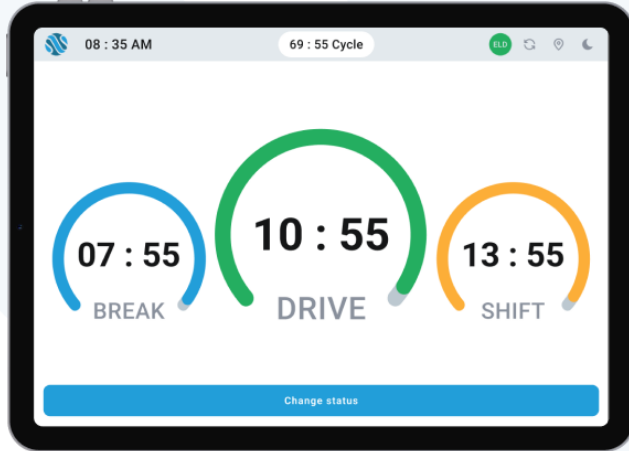
3. Select Your Device

Tap the ELD that matches your label or serial number. If it's not listed, make sure it's powered and in range.

4. Confirm Connection

Approve the connection request to pair your device. Once connected, it will show in the Connected section, and the ELD indicator will turn green.

Note: Use only the Onroad ELD app to connect the device via Bluetooth Low Energy (BLE), and do not pair it through your phone's Bluetooth settings.



8. Driving with ELD

After successfully connecting to your truck, the ELD app tracks vehicle speed in real time. When your speed goes above 10 mph, your duty status automatically switches to Driving, aligning with ELD regulations.

1. Automatic Status Updates

- While driving faster than 10 mph, your status remains Driving.
- The "Change Duty Status" button is disabled and cannot be changed manually while in motion.

2. Resuming Manual Control

- When your vehicle's speed reaches 0 mph (completely stopped), the "Change Duty Status" button becomes active again.
- At that point, you can select a new status if needed.

9. Switching Duty Status

When you tap Change Duty Status button, you'll see a page where you can update your current status. By default, the available statuses are:

- On Duty (ON)
- Off Duty (OFF)
- Sleeper Berth (SB)

Additional statuses – Personal Conveyance (PC) and Yard Move (YM) –will appear if enabled by your carrier.

1. Updating Your Status

- Select a Status
- Tap the option that fits your situation (e.g., On Duty, Off Duty, Sleeper Berth).

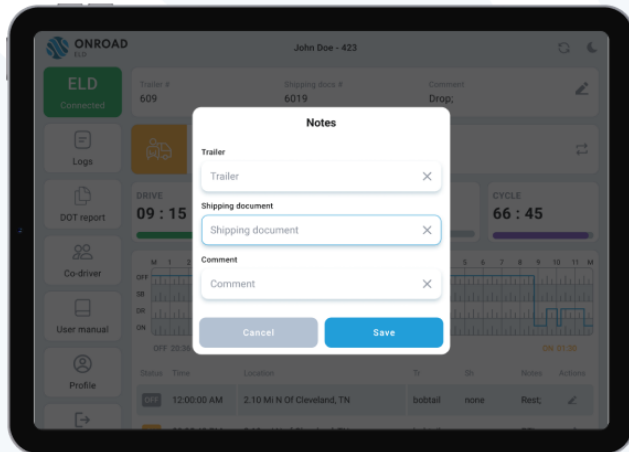
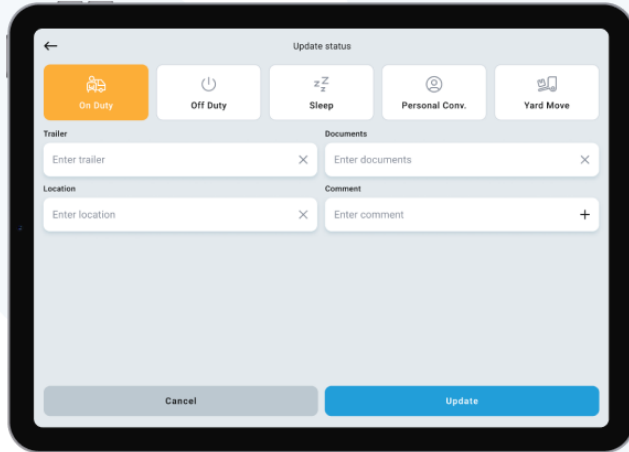
2. Enter Details

- Provide any necessary information—such as trailer #, shipping document #, and the auto-filled location (if GPS is active)—and optionally include a comment.

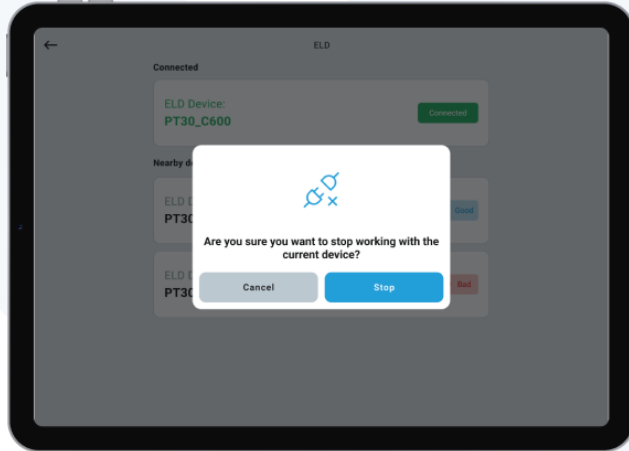
Note: if you click on the + button in the "Comment" field, a modal will appear where comment templates are offered for each status to help you quickly describe your activity.

3. Confirm or Cancel

- Update: Save your new status and details.
- Cancel: Discard changes and return to the previous screen.



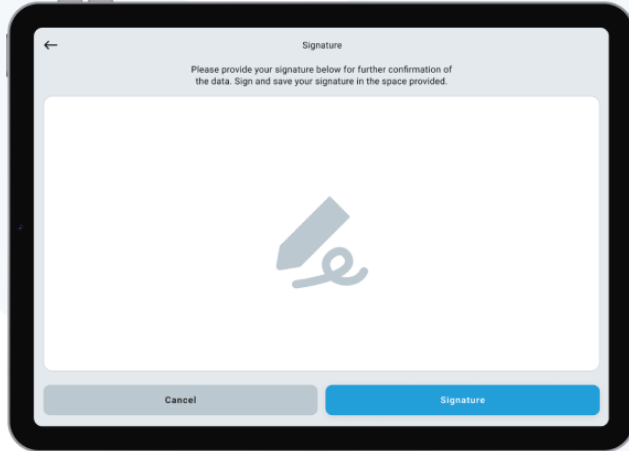
10. Disconnect ELD



To disconnect the currently connected device, go to the ELD page and tap on the device that shows it's connected. A confirmation prompt will appear, giving you the choice to Stop (disconnect) or Cancel (remain connected). Once you select Stop, the device will no longer transmit or record driving data. If you need to reconnect later or switch to another ELD, simply return to the list of nearby devices and choose the one you want.

By disconnecting an ELD device, you halt all data synchronization for that session, so ensure you only disconnect when you've finished driving or need to switch to a different device.

11. Adding/Editing Signature



Your digital signature is required when you certify your logs for the first time. Once provided, the signature is stored in the system and automatically applied to future certifications.

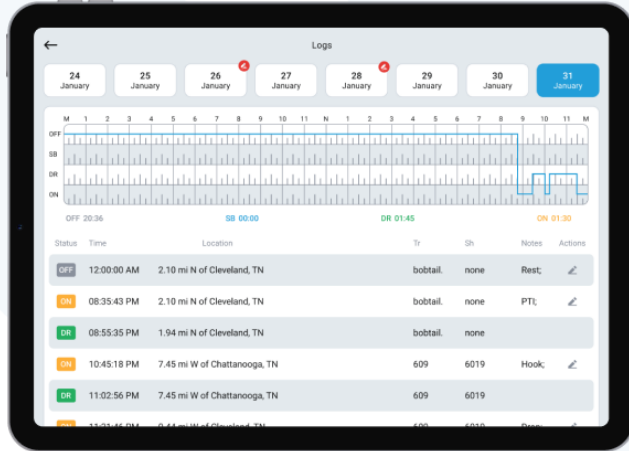
1. Initial Signature Prompt

- If you tap Certify without having a saved signature, the app will prompt you to sign on the Signature screen.
- Draw your signature in the space provided and press Save.
- After saving, your signature will be attached to all subsequent certifications.

2. Editing Your Existing Signature

- If you need to update or change your signature later, open your Profile and tap the current signature image.
- On the Signature screen, clear the old signature and draw a new one.
- Press Save to confirm and store your updated signature in the system.

12. Daily Certification



1. Uncertified Logs Indicator

- If you have any uncertified days in the past eight days, a Certify menu item in red appears on the left side.
- This serves as a reminder that you must complete certification for those logs.

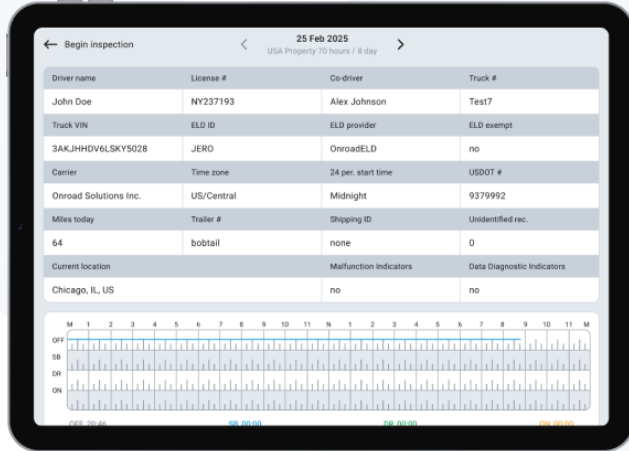
2. Viewing Logs

- Tap Logs to open a detailed view of your activity for the last eight days.
- Review each day to see which logs lack certification.

3. Certifying Your Logs

- When you select Certify, a modal window lists all uncertified days.
- You can pick individual dates or use Select all to certify multiple days at once.
- Tap Certify again to finalize and apply your signature to those logs.

13. DOT Inspection



1. Access DOT Page

- Tap DOT from the main screen's left menu to see your DOT inspection options.

2. Begin Inspection

- Select Begin Inspection to open your detailed log report (covering the past 7 days plus the current day).
- Hand your device to the officer if they want to inspect directly on the screen.

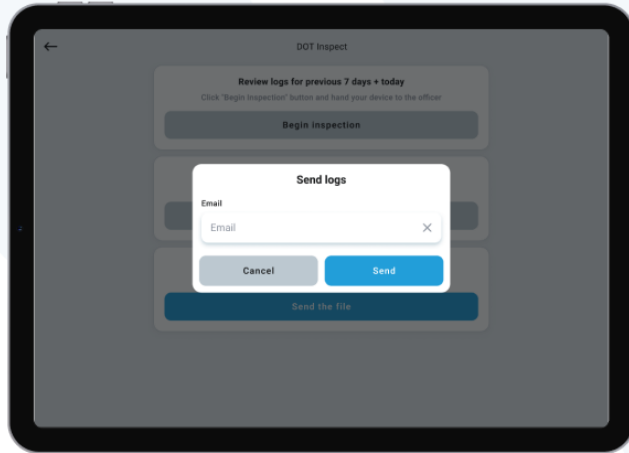
3. Send Logs via Email

- If the officer prefers a copy of your logs by email, tap Send via email.
- Confirm the email address or follow any prompts the app provides.

3. Send ELD Output File

- If the officer requests the raw ELD data, choose Send the file.
- This delivers the official output file required for FMCSA compliance.

14. Emailing the Inspection Report



1. Open the Send Logs Form

- On the DOT page, tap Send via email.

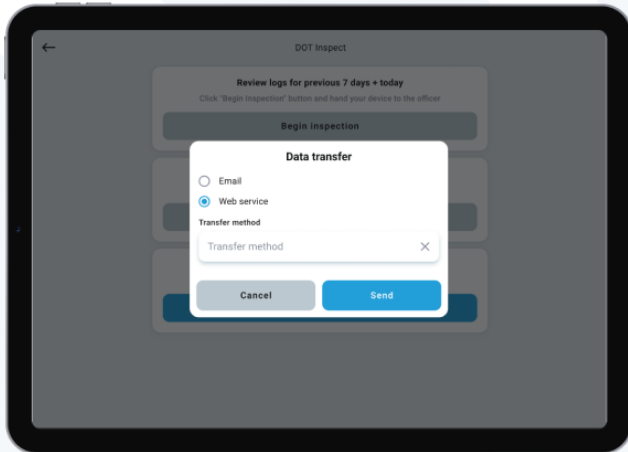
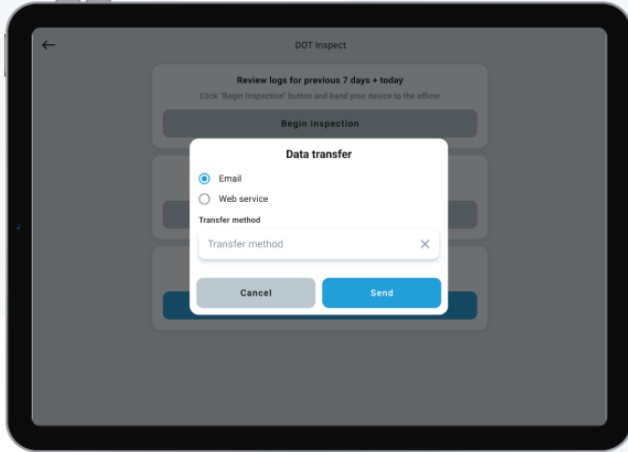
2. Enter the Officer's Email

- A pop-up will appear asking for an email address.
- Type in the officer's email, then tap Send.

3. Confirmation

- The app will send your logs (covering the past 7 days plus today) to the provided email address.
- Once complete, you can return to the main inspection screen or exit the DOT section.

15. FMCSA Transfer



1. Initiate Transfer

- On the DOT page, tap Send ELD Output File to open the data transfer modal.

2. Select Transfer Method

- Email: Send the ELD output file to FMCSA's official email.
- Web Service: Transmit the file directly through the FMCSA web service.

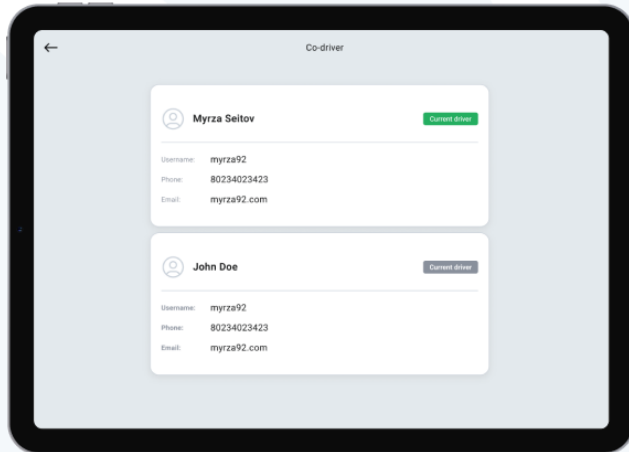
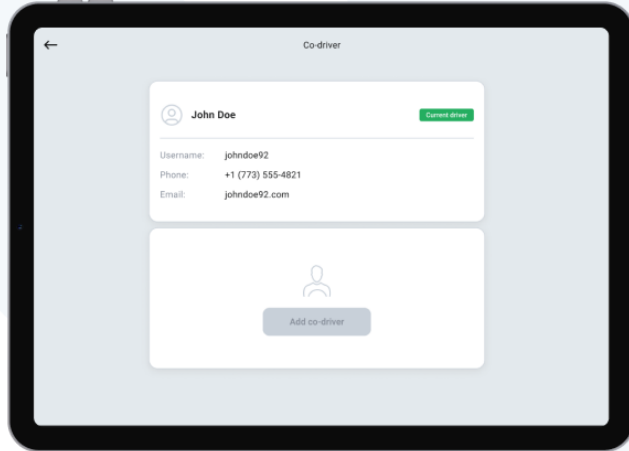
3. Add Officer's Badge Number

- Use the Note field to enter the badge number (or any relevant identifier) if required.

4. Send the File

- Tap Send to complete the transfer.
- A confirmation message may appear once the file is successfully submitted.

16. Co-Driver

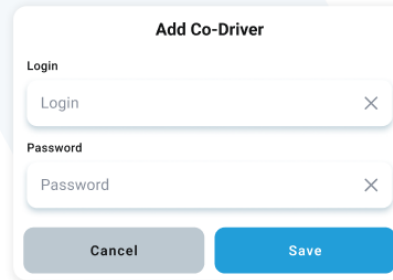


1. Adding a Co-driver

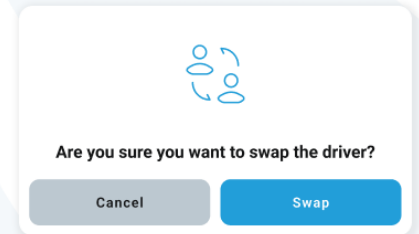
- Go to Co-driver in the left menu to see your current driver profile.
- Tap Add co-driver, then enter the co-driver's username and password.
- Press Confirm to finalize. Only one co-driver can be active at a time.

2. Switching Drivers

- Tap on your co-driver's profile to switch drivers.
- A short confirmation will appear, allowing you to proceed with the swap or stay on your current account.



A form titled "Add Co-Driver" with two input fields: "Login" and "Password". Each field has a close button (X) on the right. Below the fields are two buttons: "Cancel" and "Save".



18. ELD Malfunctions



P - "Power Compliance" - The ELD isn't receiving continuous power from the vehicle.

E - "Engine Synchronization" - The ELD can't read key data from the engine control module (e.g., engine hours, speed).

T - "Timing Compliance" - The ELD's internal clock isn't synchronized correctly.

L - "Positioning Compliance" - GPS or location data is unavailable for an extended period.

R - "Data Recording Compliance" - The ELD isn't recording or retaining the necessary data elements.

S - "Data Transfer Compliance" - The ELD can't send its data output file to the authority when requested.

1 - Power Data Diagnostic

The ELD may be experiencing intermittent or insufficient power supply.

2 - Engine Synchronization Data Diagnostic

The ELD is occasionally unable to read engine data (e.g., speed or engine hours).

3 - Missing Required Data Elements

Certain data fields (like VIN, location, or odometer) aren't being captured consistently.

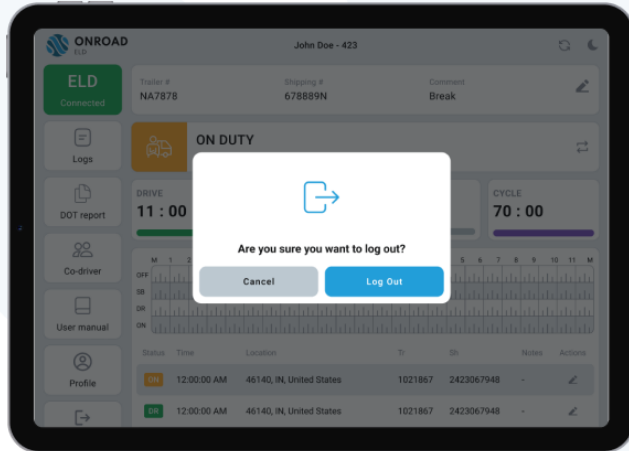
4 - Data Transfer Data Diagnostic

The ELD attempted data transfer but encountered an error or incomplete process.

5 - Unidentified Driving Records

A significant amount of driving time remains assigned to "Unidentified Driver," needing proper allocation.

19. Driver Logout



1. Initiate Logout

- Select Log Out from the left menu. A confirmation window will appear.

2. Confirm or Cancel

- If you confirm, you'll be logged out of your driver account.
- If a co-driver is active on the device, the app switches to the co-driver's session instead of closing completely.

3. Re-Login if Needed

- To use the ELD app again, simply log back in with your username and password.

Assistance Required?

Reach out to support at: support@onroadnetworks.com

Call us: +1 (412) 480 2052

Visit our website: onroadnetworks.com

Contact us on Telegram: [@onroad_support](https://t.me/onroad_support)

