ELDHUB
MANUAL

Operation System: Android
ELD Hardware: PT30

PT30

+
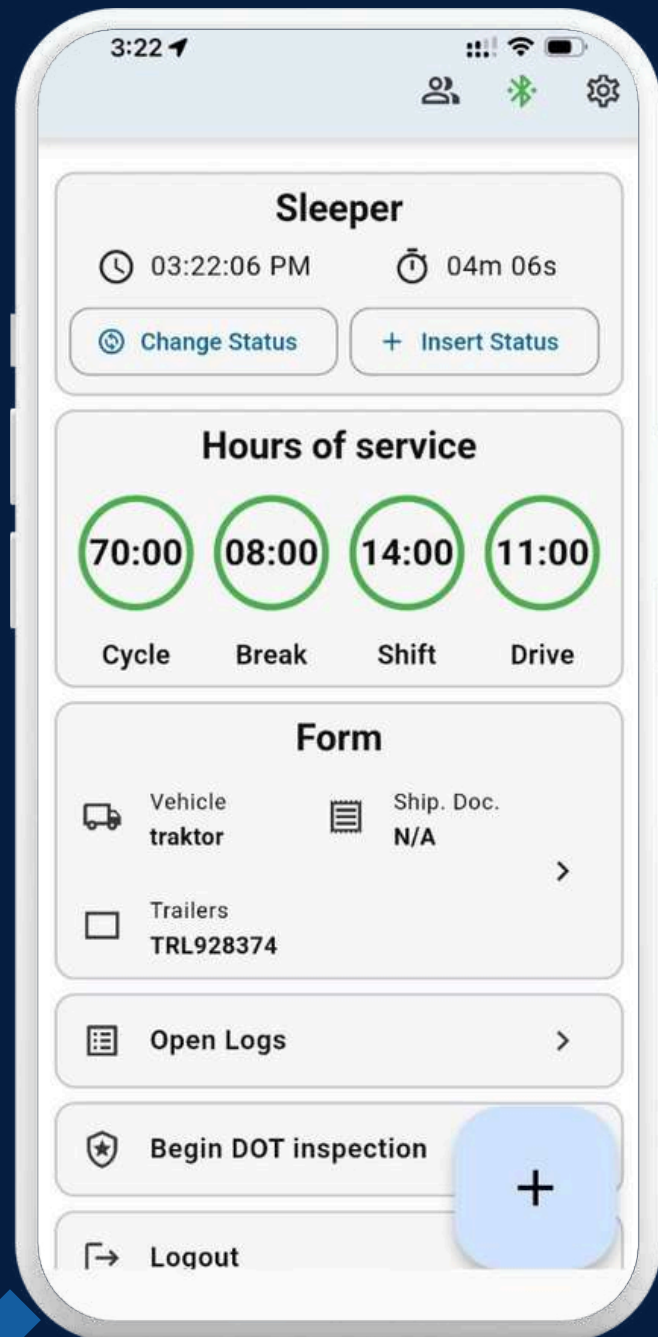
Contact Us

📞 (302) 404-1177

✉️ support@goeldhub.com

3:22

Sleeper
🕐 03:22:06 PM   ⏱ 04m 06s

Change Status   + Insert Status

Hours of service

70:00   08:00   14:00   11:00
Cycle   Break   Shift   Drive

Form

🚚 Vehicle   📄 Ship. Doc.
   traktor   N/A

☐ Trailers
   TRL928374

📋 Open Logs   >

🛡 Begin DOT inspection   +

➡ Logout

INTRODUCTION

Compliance

To stay compliant with FMCSA requirements, all drivers of commercial motor vehicles must log their driving history using Electronic Logging Devices (ELDs).
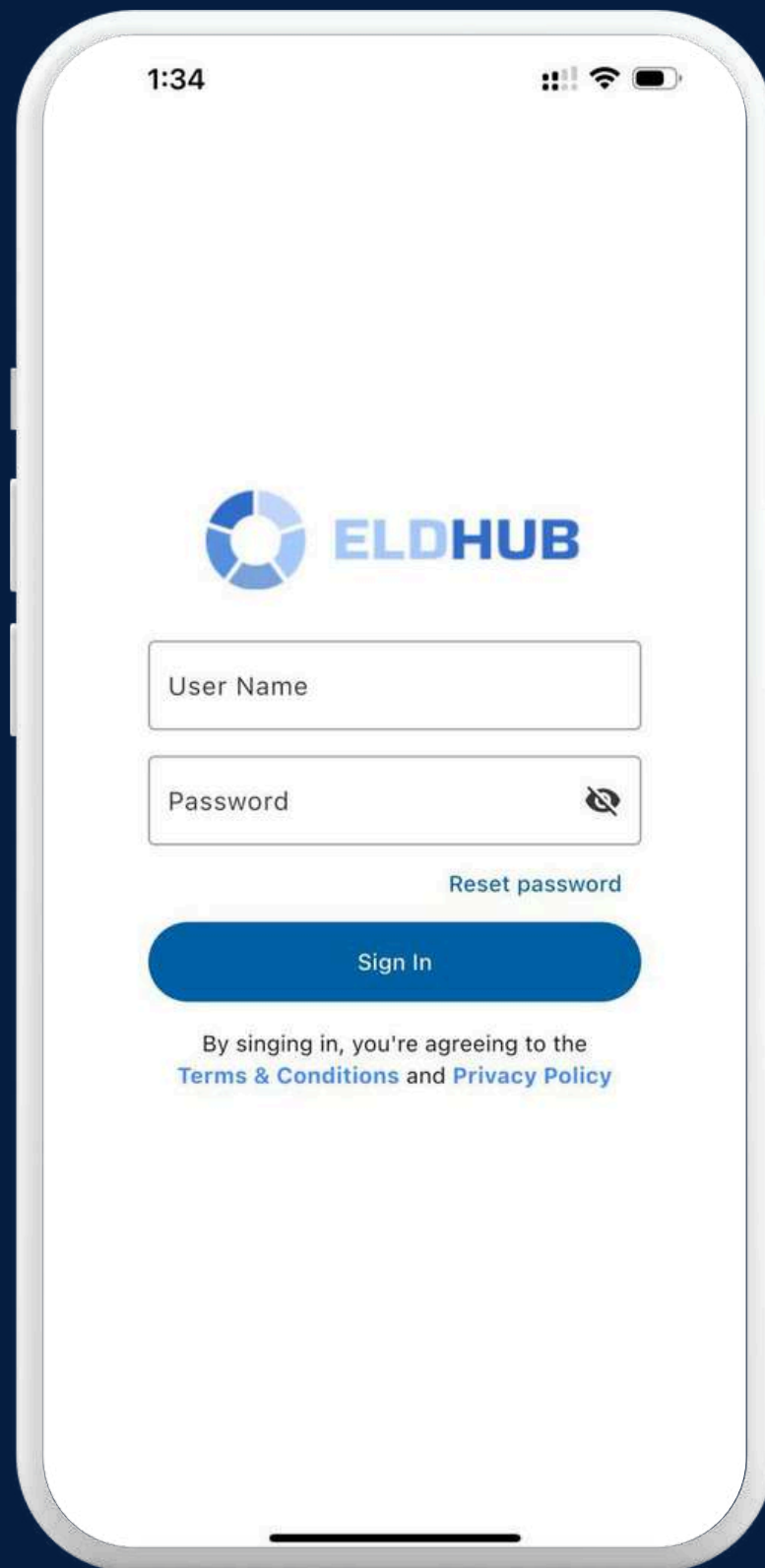
Product

ELD HUB is an all-in-one ELD solution designed to enhance the driving experience and ensure compliance with FMCSA regulations. The ELD HUB app, when paired with the appropriate hardware, provides engine diagnostics, driver status tracking, GPS monitoring, Hours of Service (HOS) logging and DOT inspection data transfer.
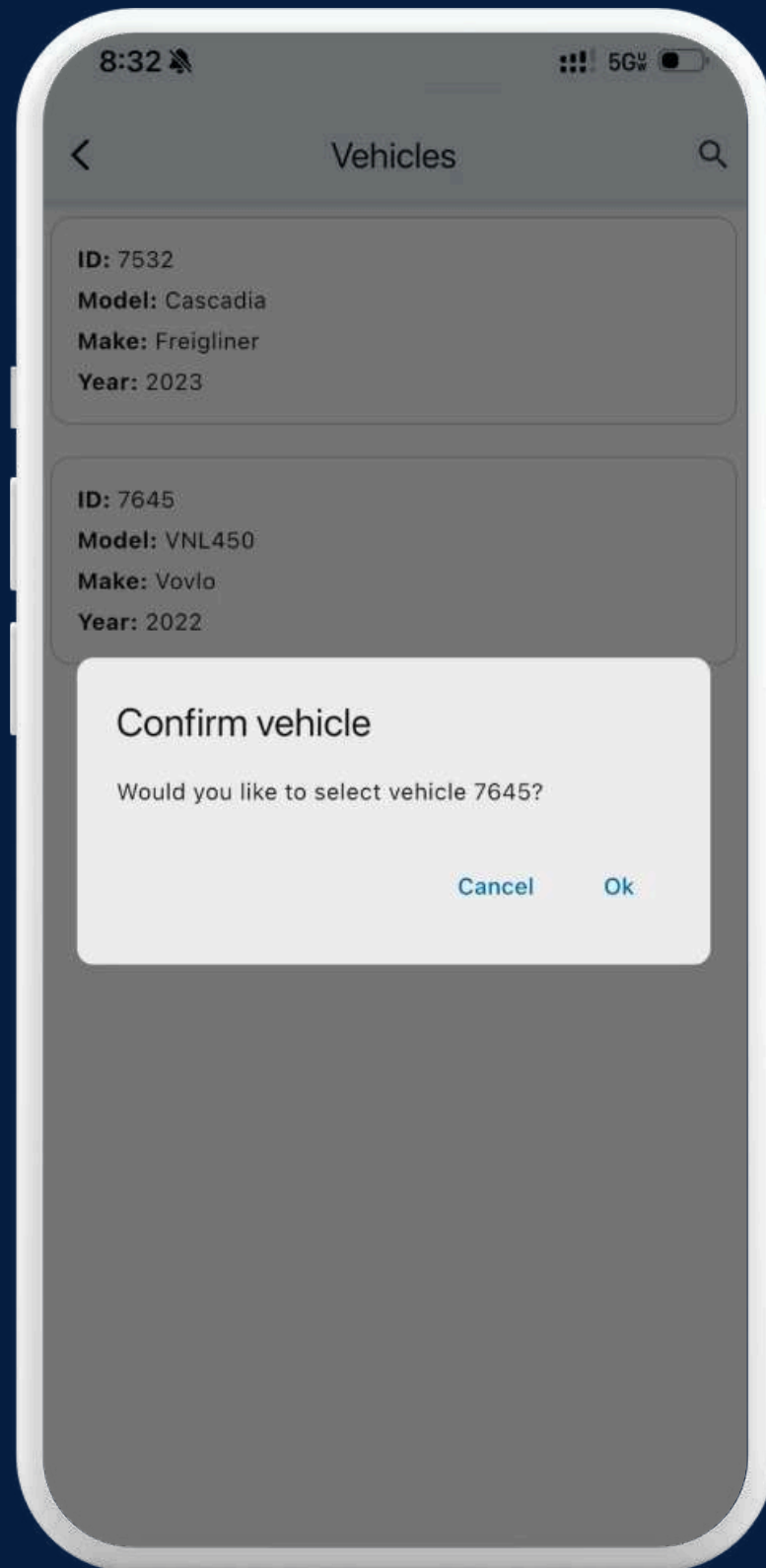
LOG IN / LOG OUT

Start

Download the ELD HUB app from the Google Play Store or Apple App Store. Open the app and log in using your unique User Login and Password.

Important

- Each user has a unique login credential created upon registration.

- Please ensure that your logs is certified before logout
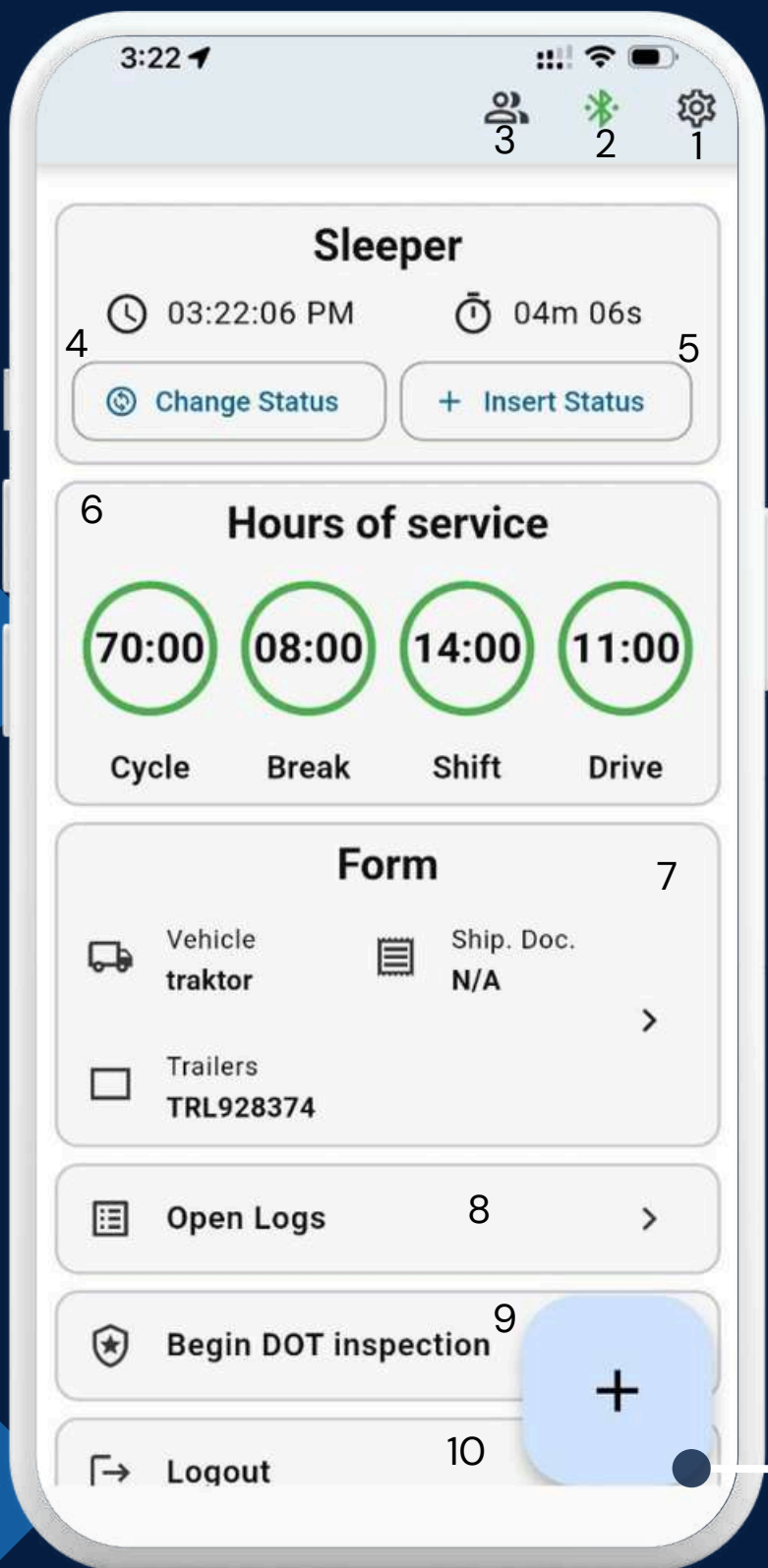
CONNECTING TO TRUCK

Check

- Ensure the ELD device is properly connected to the vehicle's diagnostic port.

- Enable Bluetooth on your mobile device.

Login

- Select your truck from the list of available devices in the ELD HUB app.

- A green truck icon indicates a successful connection

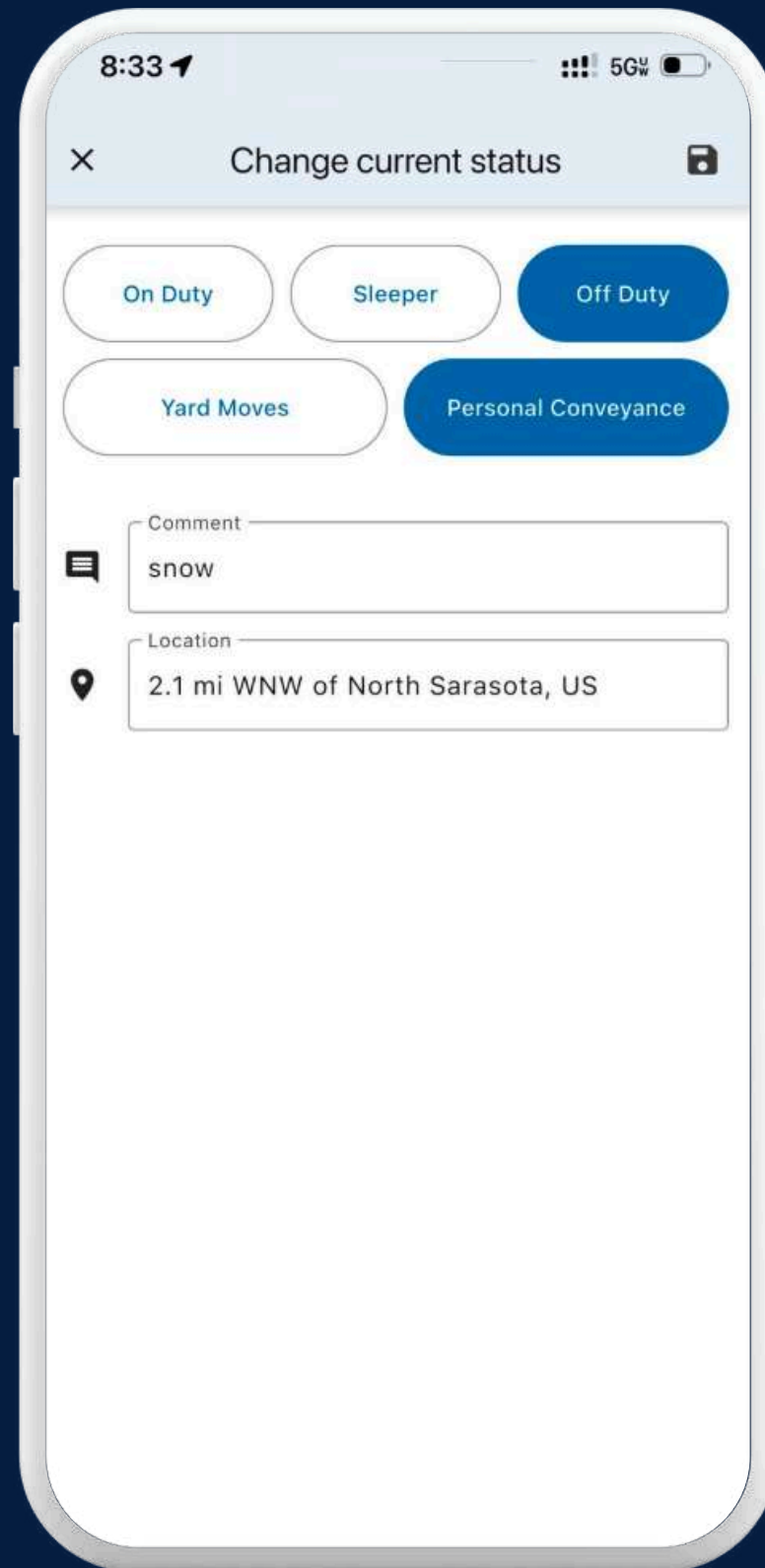- A yellow icon indicates a lost connection.

HOME SCREEN

1. Settings
2. Connection status
3. Team driver
4. Change status
5. Insert past status
6. Hours of service
7. Form. Shipping doc. Vehicle. Trailer
8. Open logs
9. Inspection mode
10. Logout
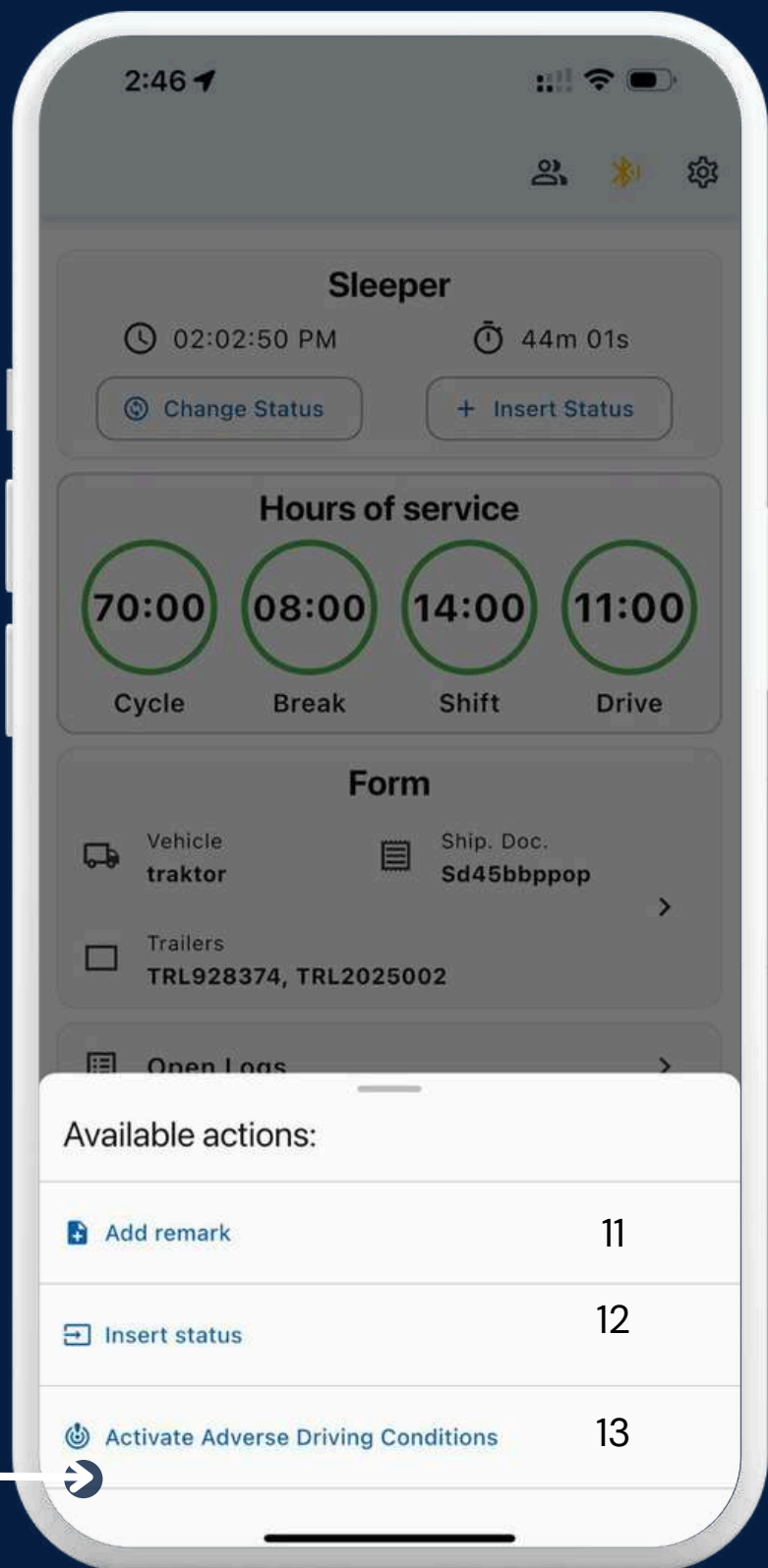
11. Add Remarks
12. Insert Status
13. Activate Adverse Driving Conditions

*All numbers is used only for guidance purposes

STATUS SWITCH

Important

Drivers can update their status during shifts, including:

- Driving (automatically detected)
- On Duty
- Off Duty
- Sleeping Berth

Ensure the ELD device recognizes status changes to avoid incorrect log entries.

Personal Use / Yard Move

Personal Use: Select Off-Duty status and enter a comment for documentation.

Yard Move: Select On-Duty status and enter a comment indicating yard movement.

LOGS

Important

Click on Open Logs to view a detailed log form containing essential information about the driver, vehicle, and carrier. The Log Graphs visually depict status changes and hours of service throughout a shift. Easily navigate between dates using the arrow button.

To maintain accurate records, utilize the Add Event button to input any missing entries. The Edit (Pencil) button allows for modifications to existing log details.
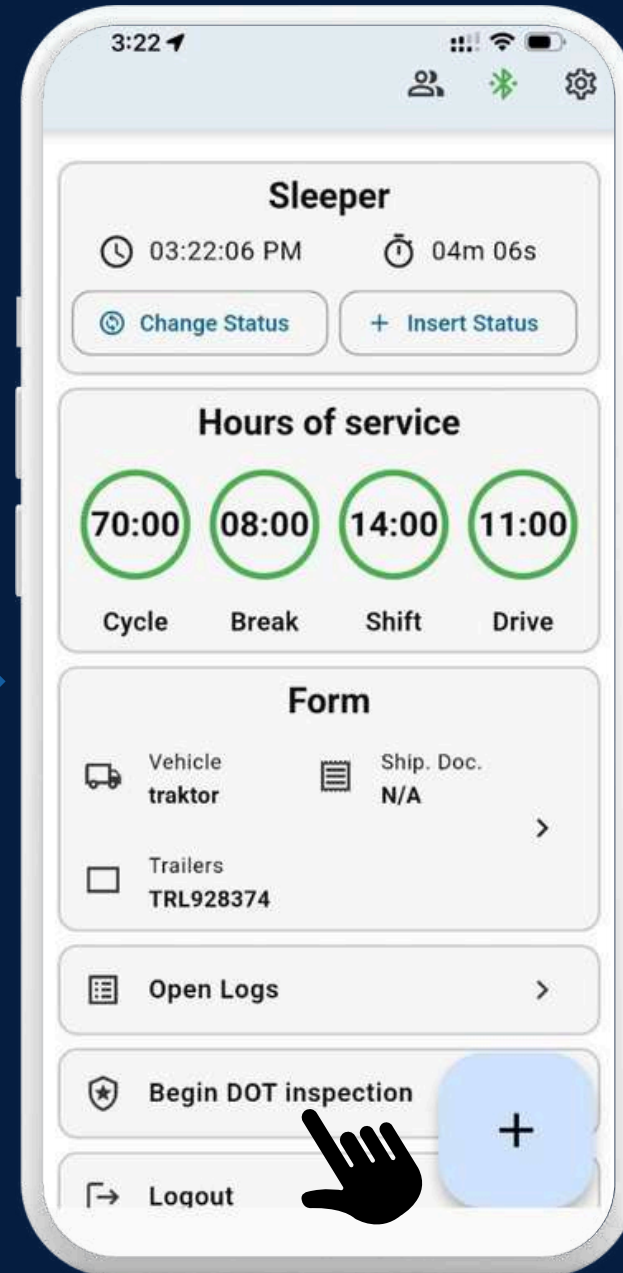
While both adding and editing logs are permitted under FMCSA regulations, these features should only be used to correct genuine errors or inaccuracies, rather than for routine adjustments.
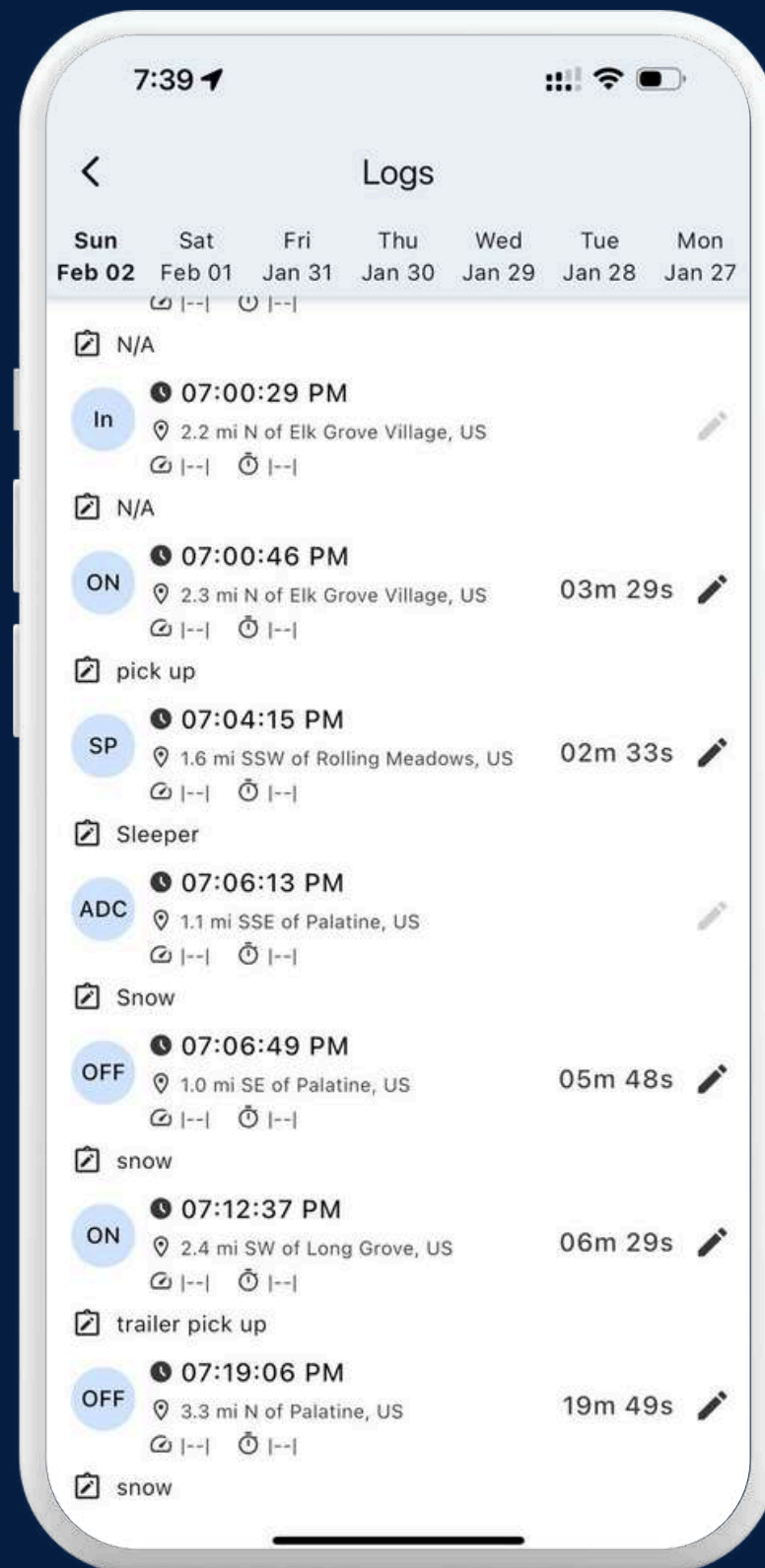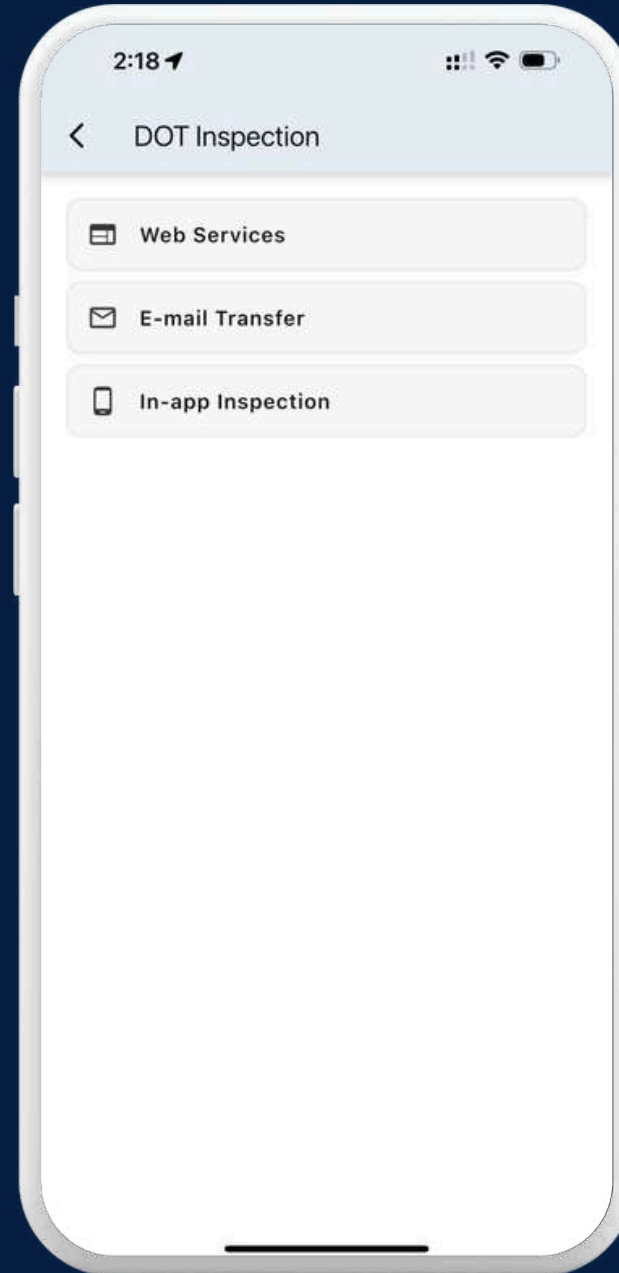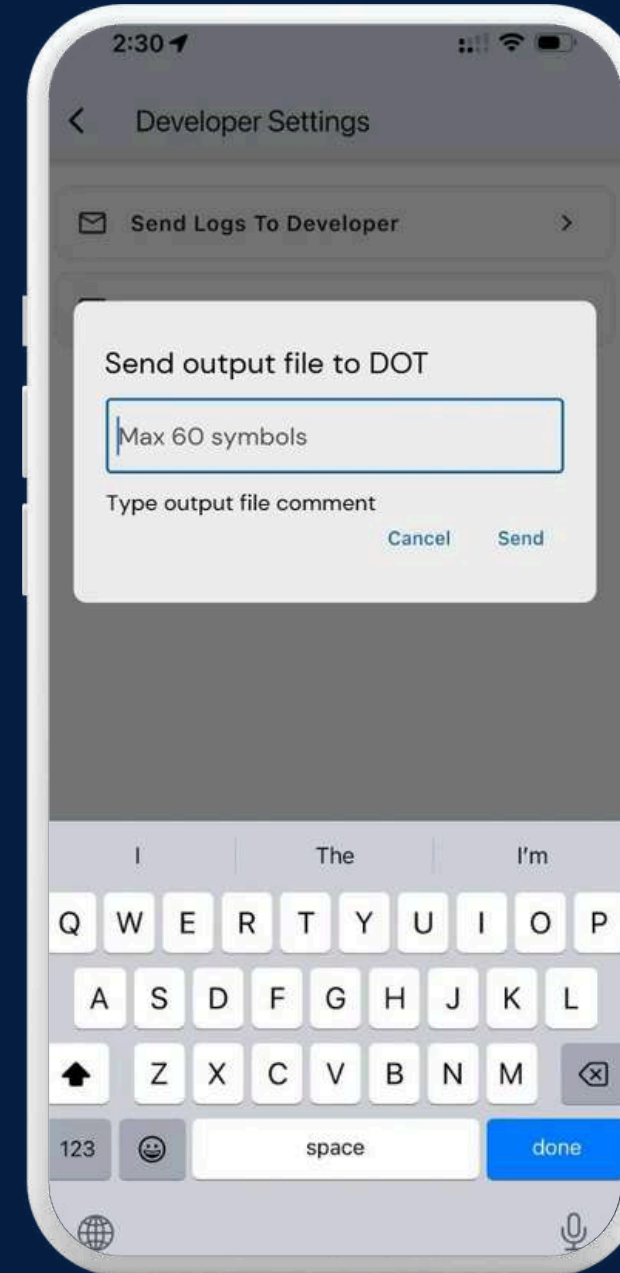
DOT INSPECTION

Step by step instructions

Step 1: Access the DOT Inspection Menu
Open the ELD Hub app
Ensure you are login and your are on main screen
Tap on "Begin DOT Inspection"

Step 2: Choose the Data Transfer Method:
1. Web Services.
2. E-mail Transfer
To send logs to the officer, select Web Services or E-mail Transfer

Step 3: Enter the Transfer Code
Enter the DOT Inspection Code
Once the code is entered, tap "Send" to initiate the transfer.
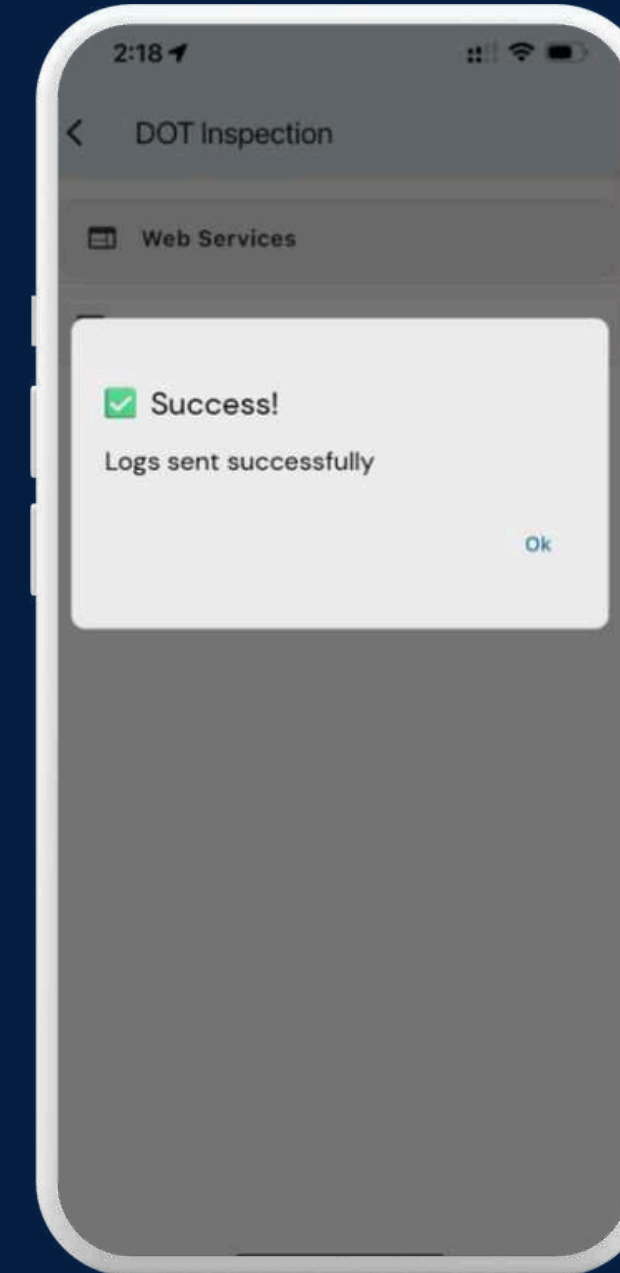
After sending the logs, a green checkmark ✅ and "Success!" message will appear on the screen.
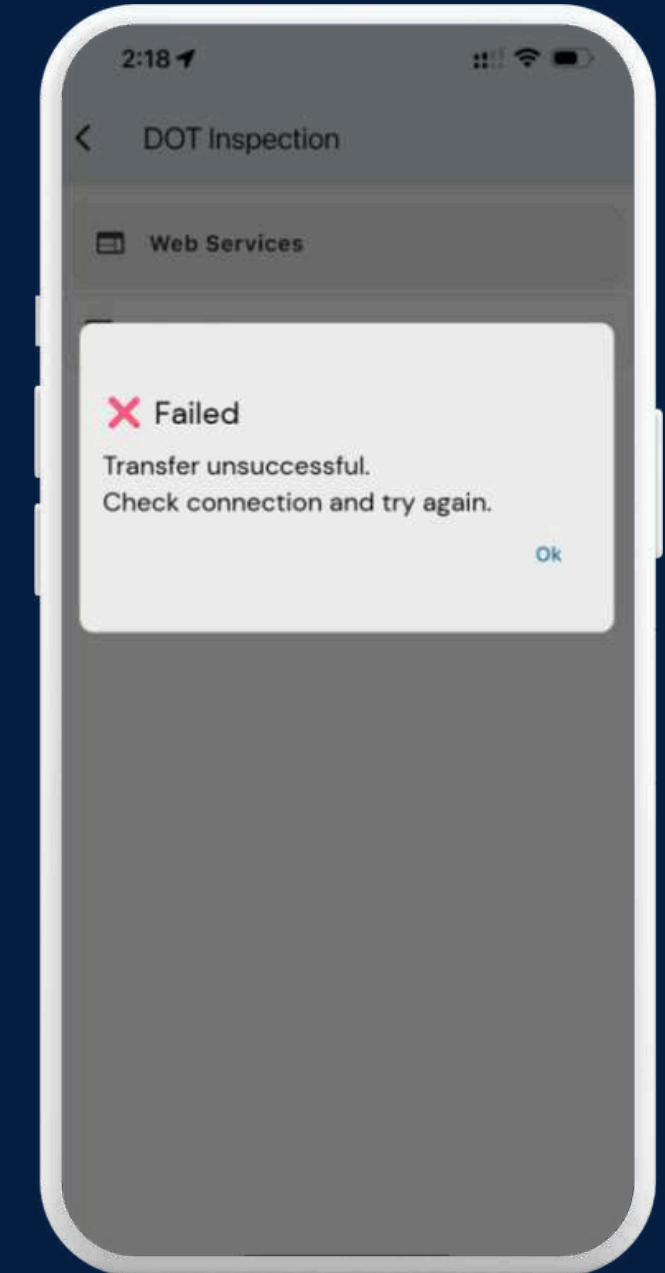
If the transfer was unsuccessful, a red ❌ "Failed" message will appear. Retry the transfer or contact support.
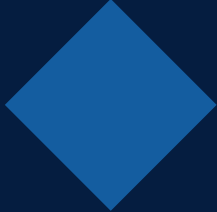
IMPORTANT

Data Inconsistencies

As required by FMCSA regulations (49 CFR § 395.34), when an ELD experiences a malfunction, the driver must take the following actions:

- Note the malfunction and provide a written notice to the motor carrier within 24 hours of discovering the issue.
- Reconstruct the record of duty status for the current 24-hour period and the preceding seven days using graph-grid paper logs that comply with § 395.8, unless the ELD is capable of retrieving those records.
- Continue maintaining manual records of duty status in accordance with § 395.8 until the ELD is repaired and restored to compliance.

Note: During a DOT inspection, be prepared to present manually maintained and completed records of duty status (RODS) to the inspector.

MALFUNCTIONS

Power Compliance: ELD is not powered within 1 minute of engine startup or experiences a power loss during operation.
    Driver Action: Notify carrier within 24 hours. Use paper logs until resolved.
    Motor Carrier Action: Inspect and restore power connection. Resolve issue within 8 days.

Engine Synchronization: No connection between the ELD and ECM for more than 30 minutes in a 24-hour period.
    Driver Action: Notify carrier within 24 hours. Use paper logs until resolved.
    Motor Carrier Action: Restore ECM connection. Resolve issue within 8 days.

Timing Compliance: The ELD clock deviates from Coordinated Universal Time (UTC) by more than 10 minutes.
    Driver Action: Notify carrier within 24 hours. Use paper logs if issue persists.
    Motor Carrier Action: Reset or replace the ELD device. Resolve issue within 8 days.

Positioning Compliance: No valid GPS signal for more than 60 minutes in a 24-hour period.
    Driver Action: Ensure ELD has a clear view of the sky. Notify carrier if unresolved. Use paper logs if needed.
    Motor Carrier Action: Check GPS module and placement. Resolve issue within 8 days.

Data Recording Compliance: ELD fails to record or retrieve required log data due to storage issues.
    Driver Action: Notify carrier and attempt to clear storage space. Use paper logs if needed.
    Motor Carrier Action: Resolve storage issue or replace ELD. Resolve issue within 8 days.

Data Transfer Compliance: ELD cannot transfer data to authorized safety officials via required transfer methods.
    Driver Action: Notify carrier. Provide logs manually during roadside inspection.
    Motor carrier Action: Test and repair transfer methods. Resolve issue with 8 day.

DIAGNOSTIC CODES

Power Data Diagnostic: ELD experiences a temporary power loss.
   Driver Action: Notify carrier if recurring. Verify power connection.
   Motor Carrier Action: Inspect power connections and wiring.

Engine Synchronization Data Diagnostic: Temporary loss of connection between the ELD and ECM.
   Driver Action: Notify carrier if recurring. Attempt to reconnect ECM link.
   Motor Carrier Action: Verify and restore ECM connection.

Missing Required Data Elements Data Diagnostic: Temporary or permanent loss of required data.
   Driver Action: Reconnect and restart the ELD device. Notify carrier if unresolved.
   Motor Carrier Action: Inspect and resolve sensor/module issues.

Data Transfer Data Diagnostic: Temporary issue in transferring data to FMCSA servers.
   Driver Action: Test data transfer. Notify carrier if unresolved.
   Motor Carrier Action: Verify and repair transfer methods.

Unidentified Driving Records Data Diagnostic: Unidentified driving time exceeds 30 minutes in a 24-hour period.
   Driver Action: Review unidentified events and claim them if applicable.
   Motor Carrier Action: Manage unidentified driving records and assign them appropriately.

PT-30 LIGHTS DIAGNOSTIC CODES

- **Green Light (Solid):** Device is properly connected and receiving data from the ECM.
- **No Light:** Device is not connected or not receiving power. Verify the connection and power source.
- **Red Light (Solid or Blinking):** Malfunction detected. Check for engine synchronization, GPS signal, or data transfer errors.
- **Blue Light (Flashing):** Data transfer in progress
- **Yellow Light (Solid):** ELD system error. Restart the device and check connections.