DAMAC

info@damaceld.com   +1 708-412-5912

Manual Content:

Operation System: IOS
ELD Hardware: IOSix, PT-30

9:41

DAMAC

Login to your
Account

User name

....

Reset Password ?

Log In

By signing in, you're agreeing to the Terms & Conditions
and Privacy Policy

Introduction

Compliance

To stay compliant with FMCSA standards, all commercial motor vehicle drivers must log their driving records via Electronic Logging Devices (ELDs).

Product

DAMAC is a complete ELD solution crafted to improve the driver experience and uphold FMCSA compliance. When the DAMAC app pairs with the necessary hardware, it offers engine diagnostics, driver status monitoring, GPS tracking, Hours of Service (HOS) log handling, and DOT inspection data transfer features.
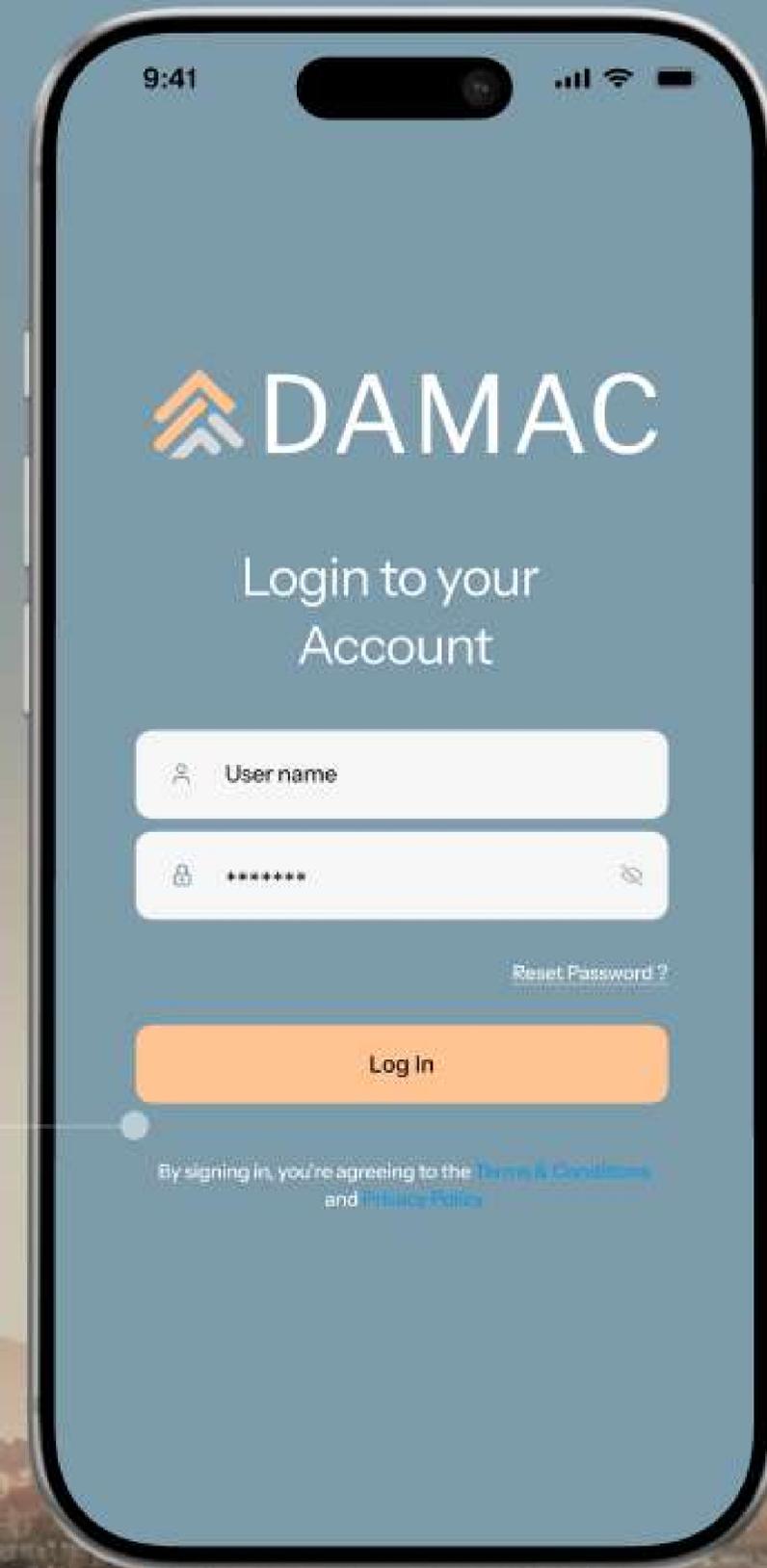
03

Log in/ Log out

Start

Get the DAMAC app from the Google Play Store or Apple App Store. Open the app and access your account with your personal User Login and Password.

Important

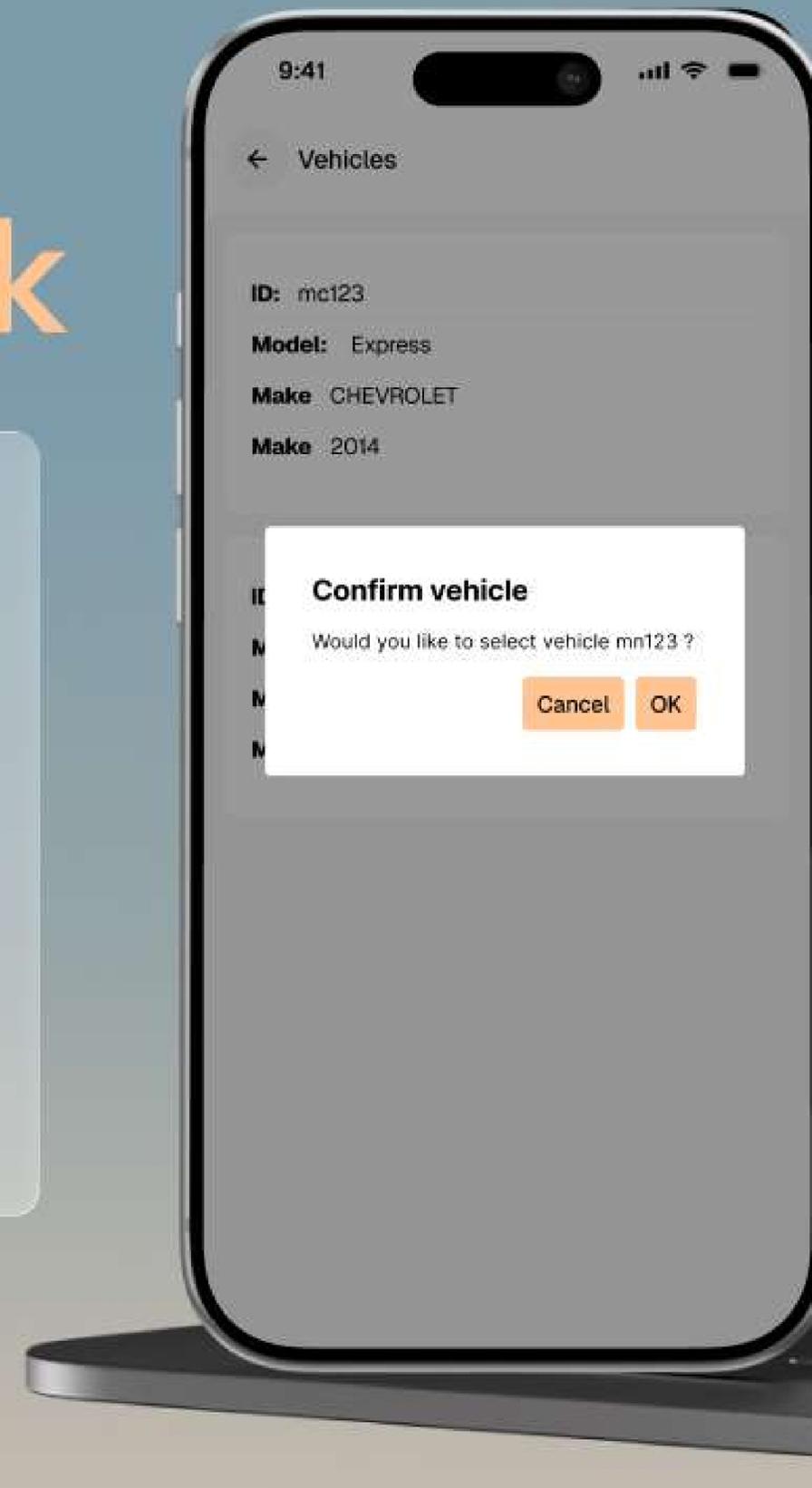Registration Assigns Each User A Distinct Login Credential.

Confirm your logs are certified prior to logging out.

9:41

DAMAC

Login to your Account

User name

••••••••

Reset Password ?

Log In

By signing in, you're agreeing to the Terms & Conditions and Privacy Policy
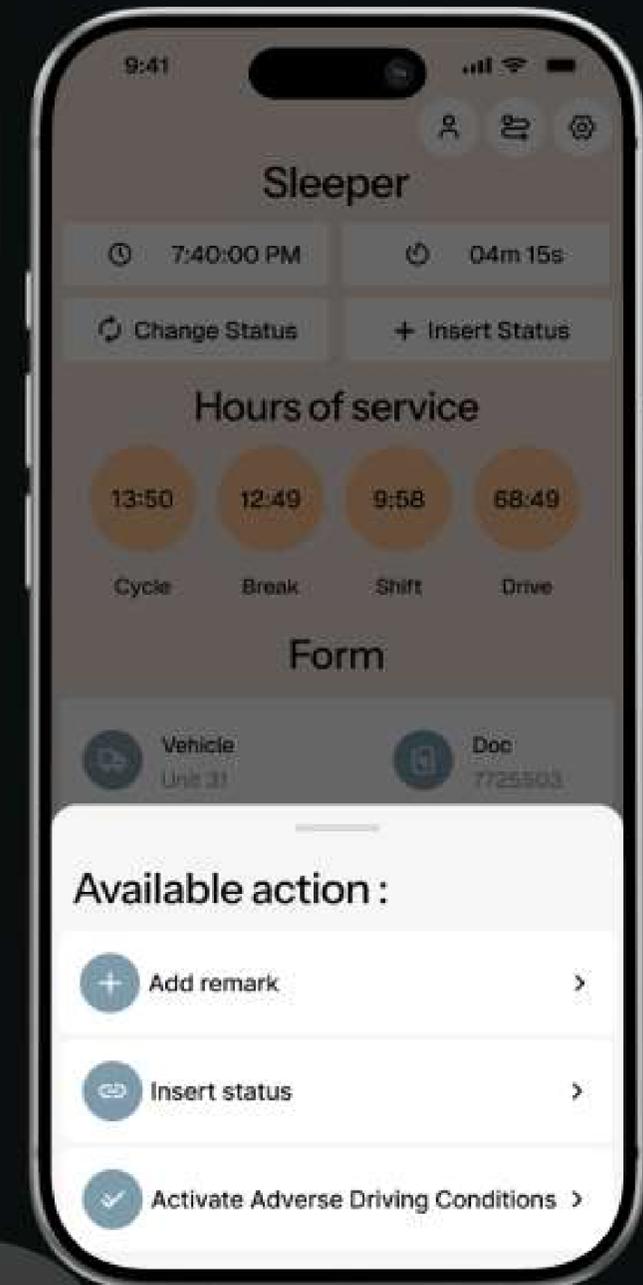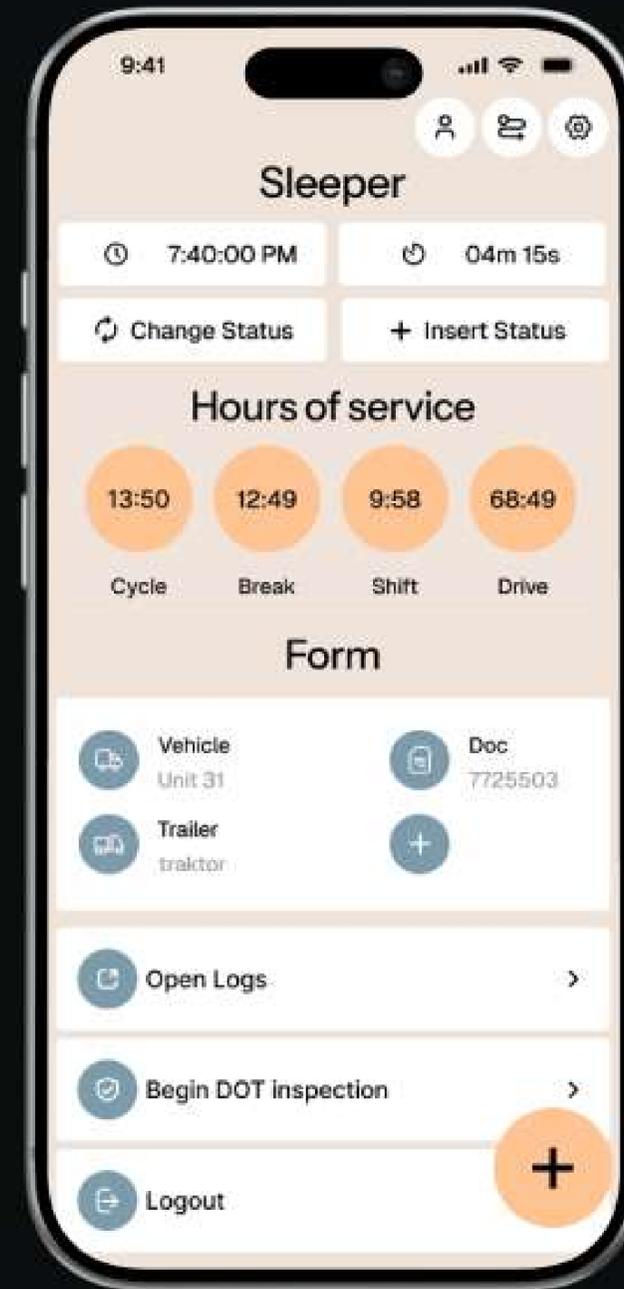
04

Connecting To Truck

Connection Check

- Verify the DAMAC device is securely inserted into the vehicle's diagnostic port.
- Enable Bluetooth on your mobile phone. After login, pick your vehicle from the device list in the DAMAC app.
- A green truck icon signals a good connection.
- A yellow icon indicates the connection is dropped.

9:41

← Vehicles

ID: mc123

Model: Express

Make CHEVROLET

Make 2014

Confirm vehicle

Would you like to select vehicle mn123 ?

Cancel   OK

Home Screen :

Status Adjustments

Drivers may update their status while on duty, including:

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

Confirm the DAMAC device properly recognizes status changes to avoid erroneous log records.

Special Uses

**Personal Use:** Select Off-Duty status and include a note for the record.

Yard Move: Choose On-Duty status and add a remark about the yard activity.

Log Access

Choose Open Logs to view a thorough log sheet with vital details on the driver, vehicle, and carrier. Log Graphs illustrate status shifts and Hours of Service during a shift; switch dates via arrow controls.

To ensure precision, employ the Add Event option for overlooked entries. The Edit (Pencil) tool permits changes to present log data.

FMCSA permits log additions and edits, but apply them only for authentic mistakes or discrepancies, avoiding everyday or superficial tweaks.
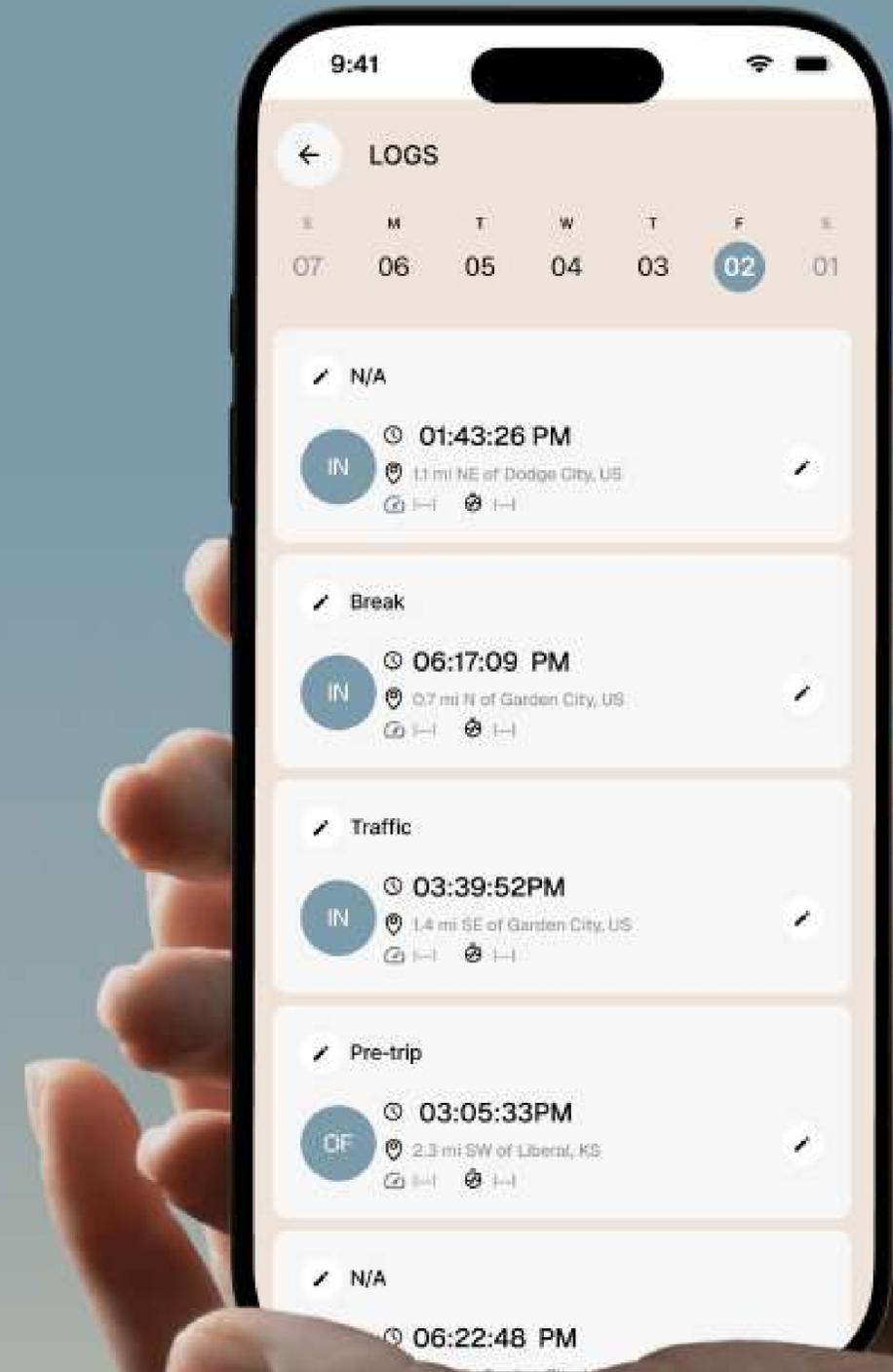
DOT Inspection Steps

Step 1

Step 1: Open Menu

Log into the DAMAC app, confirm you're on the main screen, and press "Begin DOT Inspection."

Step 2

Step 2: Choose Method

Pick one option:
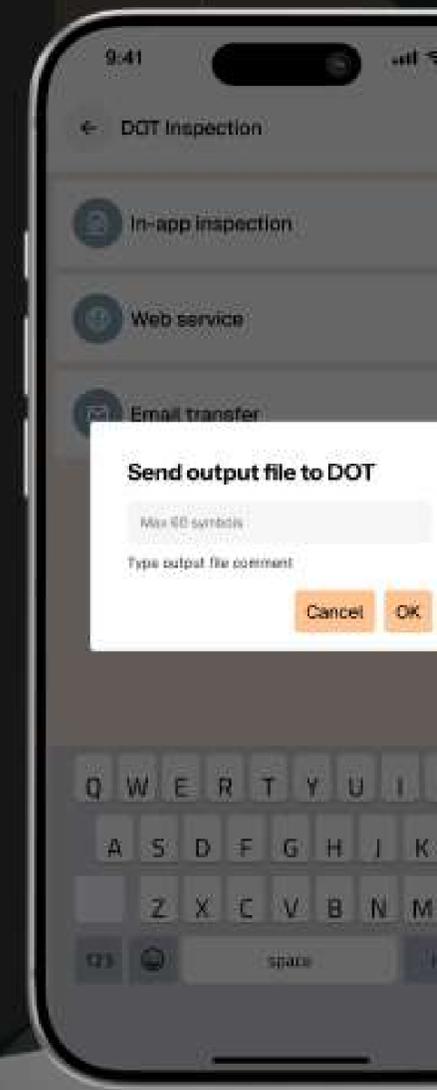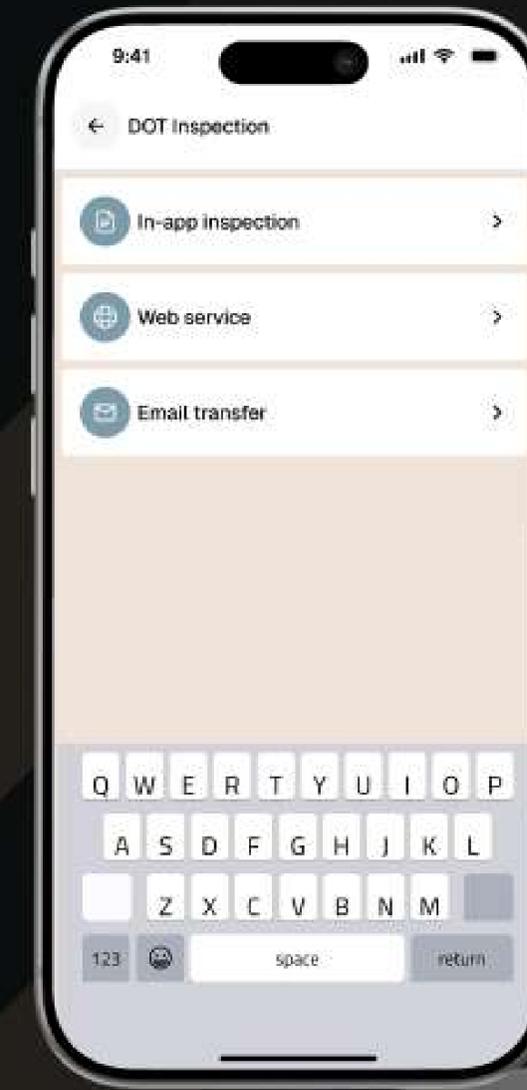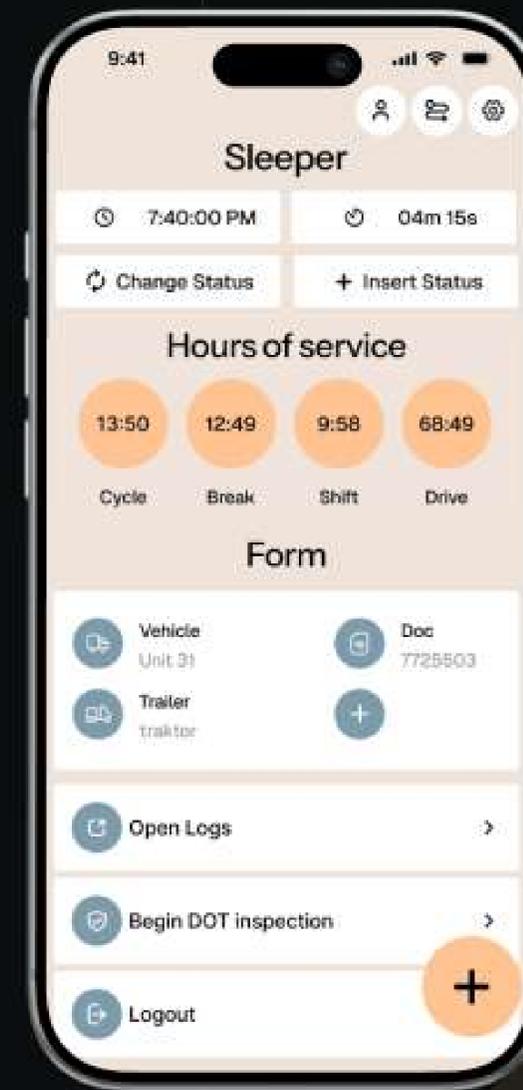- Web Services
- E-mail Transfer

To deliver logs to the officer, opt for Web Services or E-mail Transfer.
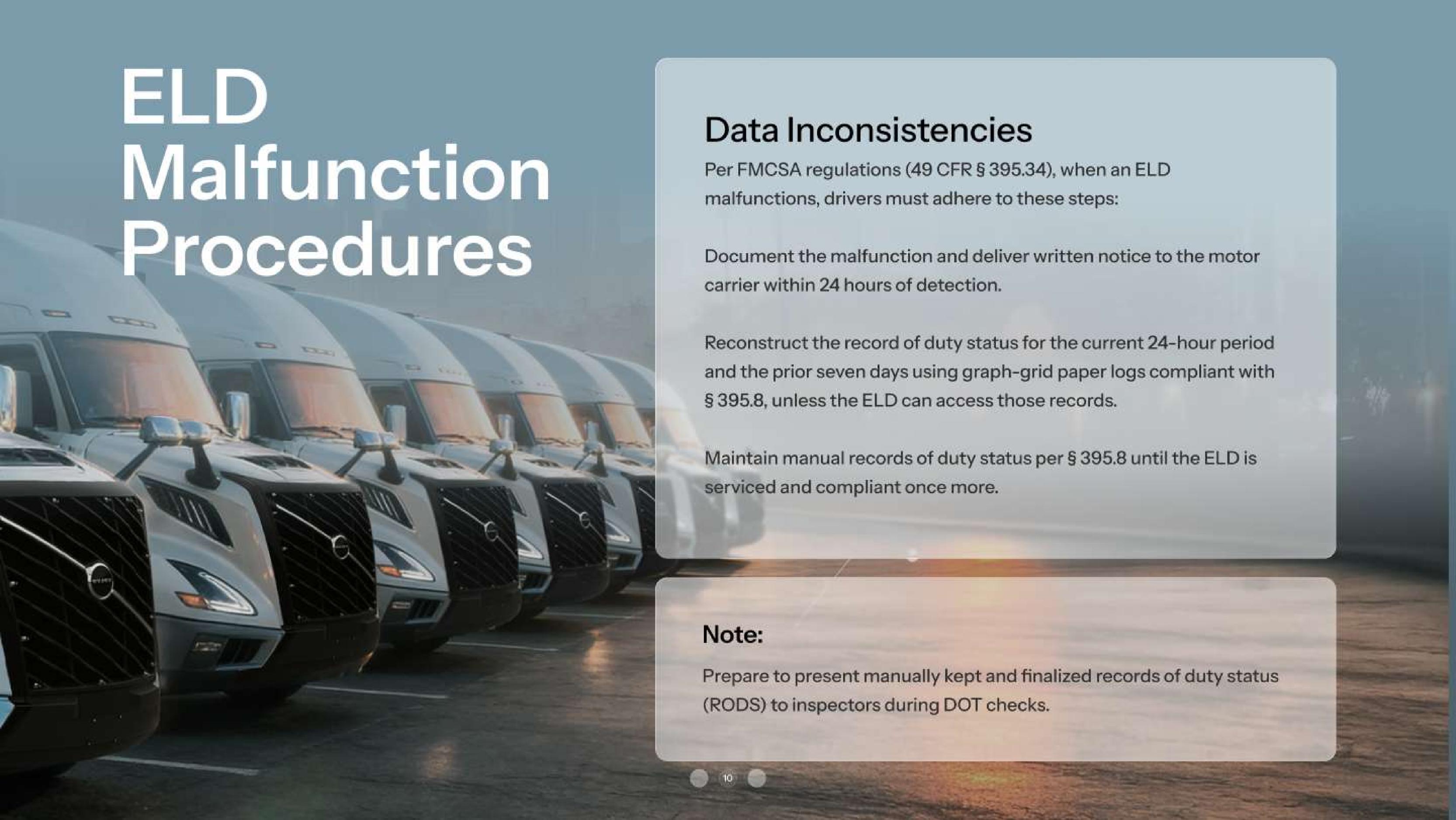
Step 3

Step 3: Enter Code

Input the DOT Inspection Code and select "Send" to proceed. Add an output file comment if desired.

A green checkmark plus "Success!" message verifies delivery.

If unsuccessful, a red "Failed" shows; retry or seek support.

ELD Malfunction Procedures

Data Inconsistencies

Per FMCSA regulations (49 CFR § 395.34), when an ELD malfunctions, drivers must adhere to these steps:

Document the malfunction and deliver written notice to the motor carrier within 24 hours of detection.

Reconstruct the record of duty status for the current 24-hour period and the prior seven days using graph-grid paper logs compliant with § 395.8, unless the ELD can access those records.

Maintain manual records of duty status per § 395.8 until the ELD is serviced and compliant once more.

Note:

Prepare to present manually kept and finalized records of duty status (RODS) to inspectors during DOT checks.

MALFUNCTIONS

Power Compliance

ELD fails to activate within one minute of engine start or experiences power loss during operation.
- **Driver Task:** Notify carrier within 24 hours. Use paper logs until resolved.
- **Motor Carrier Task:** Check and fix the power source. Correct the issue in 8 days.

Engine Synchronization:

No ELD-ECM connection lasts over 30 minutes in any 24-hour period
- **Driver Action:** Alert the carrier within 24 hours. Switch to paper logs until fixed.
- **Motor Carrier Task:** Reconnect ECM. Resolve within 8 days.

Timing Compliance

ELD clock deviates from Coordinated Universal Time (UTC) by more than 10 minutes.
- **Driver Task:** Report to carrier within 24 hours. Use paper logs if issue continues.
- **Motor Carrier Task:** Recalibrate or replace the ELD device. Fix within 8 days.

Positioning Compliance

No valid GPS signal persists for over 60 minutes in a 24-hour period.
- **Driver Task:** Confirm the ELD has a clear sky view. Notify the carrier if the issue lingers. Resort to paper logs as necessary.
- **Motor Carrier Task:** Inspect GPS module and its installation. Resolve within 8 days.

Data Recording Compliance

Log data cannot be saved or accessed because of storage limits.
- **Driver Task:** Alert the carrier and attempt to free up space. Use paper logs when necessary.
- **Motor Carrier Task:** Repair storage or replace the ELD. Resolve within 8 days.

Data Transfer Compliance

ELD unable to transmit data to authorized safety officials via mandated transfer methods.
- **Driver Task:** Contact the carrier. Deliver manual logs at roadside inspections.
- **Motor Carrier Task:** Evaluate and mend transfer methods. Resolve within 8 days.

Diagnostic Codes

Power Compliance:

ELD does not power up within 1 minute of engine ignition or suffers a power disruption while in use.

- **Driver Task:** If repeated, notify the carrier and examine the power source.
- **Motor Carrier Task:** Review wiring and secure all power connections.

Engine Synchronization Diagnostic

A brief disconnection occurs between the ELD and ECM.

- **Driver Task:** If it recurs, notify the carrier and attempt to restore the ECM connection.
- **Motor Carrier Task:** Verify and reestablish the ECM link.

Missing Data Diagnostic

Temporary or ongoing lack of essential data elements.

- **Driver Task:** Reboot and reconnect the ELD device. Alert the carrier if the problem persists.
- **Motor Carrier Task:** Examine and fix any sensor or module faults.

Data Transfer Diagnostic

A short-term issue emerges during data transfer to FMCSA servers.

- **Driver Task:** Retry the data transfer and notify the carrier if unresolved.
- **Motor Carrier Task:** Test and fix the transfer method.

Unidentified Driving Diagnostic

Unidentified driving events exceed 30 minutes in any 24-hour period.

- **Driver Task:** Review unidentified time and assign it if applicable.
- **Motor Carrier Task:** Manage unidentified driving records and reassign them appropriately.

Eld Hardware

The ELD hardware includes a built-in GPS receiver for precise vehicle location tracking, a screen displaying the driver's status live, and robust internal memory to safely store logs and diagnostic data.

IOSix Lights Diagnostic Codes

Red Light (Solid or Blinking):

A system malfunction or error exists, such as engine synchronization issues, GPS signal loss, or data transfer failure.

Green Light (Solid):

During a DOT inspection, prepare to present the inspector with manually maintained and completed records of duty status (RODS).

Blue Light (Flashing):

Signifies that a data transfer is in progress.

No Light:

During a DOT inspection, prepare to present the inspector with manually maintained and completed records of duty status (RODS).

Yellow Light (Solid):

The device is undergoing a firmware update or is in diagnostic mode. Wait for the update to complete, or reboot the device if the light persists.

+1 708-412-5912

info@damaceld.com

Damac