

App Manual

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Introduction

The TTM Konnect Electronic Logging Device (ELD) guarantees precise and automatic tracking of a driver's Hours of Service (HOS), vehicle movement, and location data, as mandated by the Federal Motor Carrier Safety Administration (FMCSA) under 49 CFR Part 395.

This manual offers a comprehensive guide to all driver operations, including:

- Logging in and connecting your ELD
- Managing duty statuses and hours
- Recording fuel purchases for IFTA
- Conducting pre-trip and post-trip inspections
- Transferring logs during roadside inspections

TTM Konnect is registered with the FMCSA and adheres to the technical specifications specified in Appendix A to Subpart B of Part 395.

2. System Requirements

- **Operating System:** Android 10.0+ / iOS 14.0+
- **Bluetooth:** Must be enabled for ELD pairing
- **GPS Access:** Necessary for automatic location capture
- **Internet Access:** Required for log synchronization and data transfer

⚠️ Drivers must ensure their devices are charged and connected during operation to maintain accurate logs.

3. Getting Started

3.1 Installing the App

1. Download TTM Konnect ELD from Google Play or the App Store. (https://play.google.com/store/apps/details?id=com.ttmkonnect.eld)

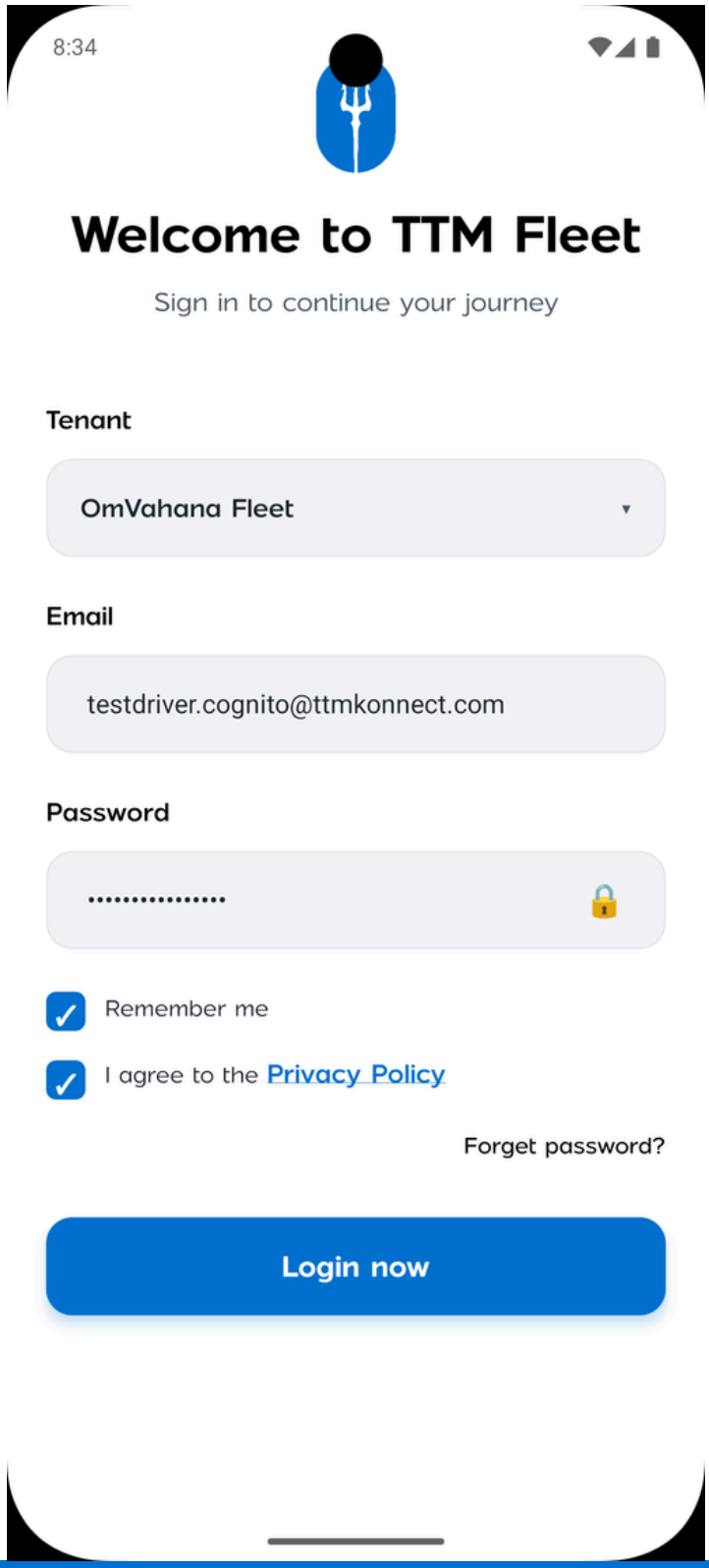
2. Grant the app permissions for Bluetooth, Location, and Storage.

3. Launch the app — you will see the Welcome to TTM Fleet screen.

3.2 Logging In

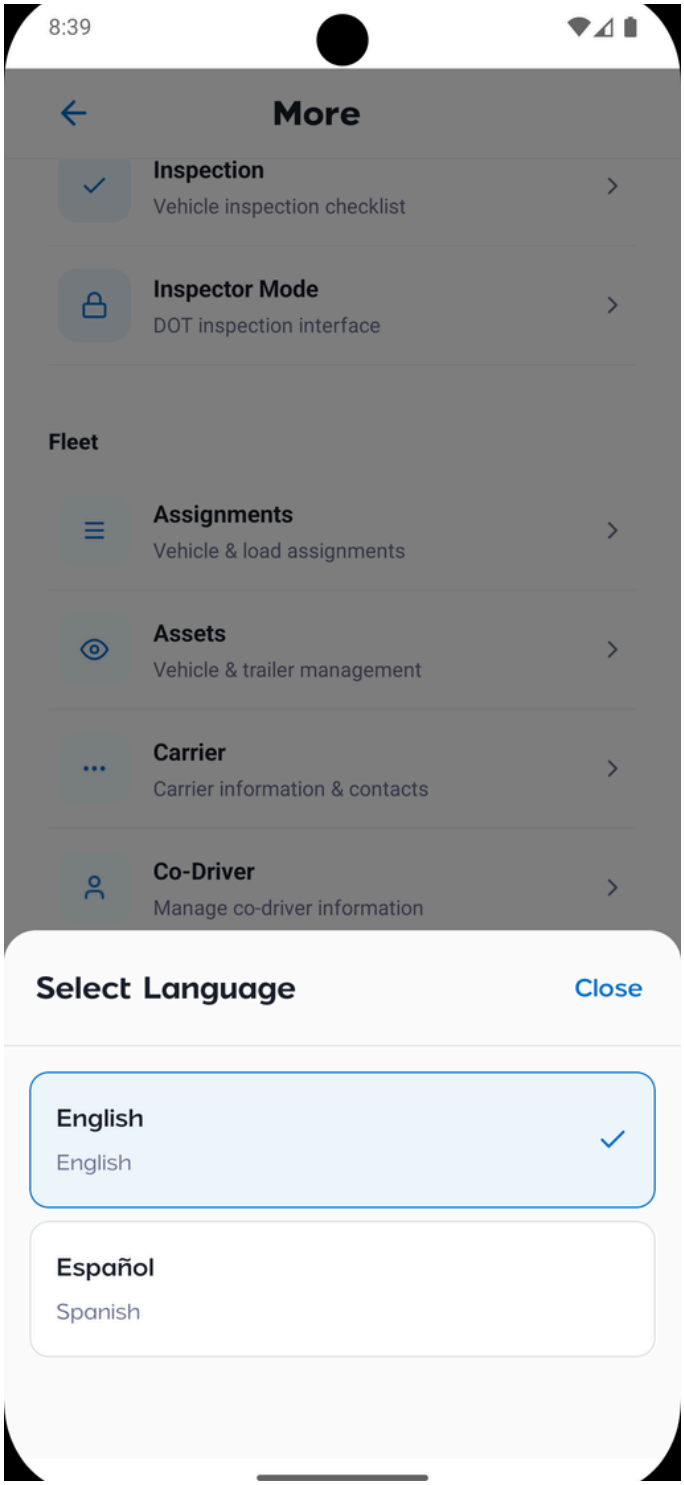
1. Select your Tenant/Fleet Name from the dropdown (e.g., OmVahana Fleet).
2. Enter your email and password.
3. Check “Remember Me” to save credentials.
4. Tap Login Now.
5. A success message (“Login Successful!”) will confirm authentication.

Note: Each driver must use their unique credentials — sharing accounts is prohibited by FMCSA (§395.22(g)(1)).



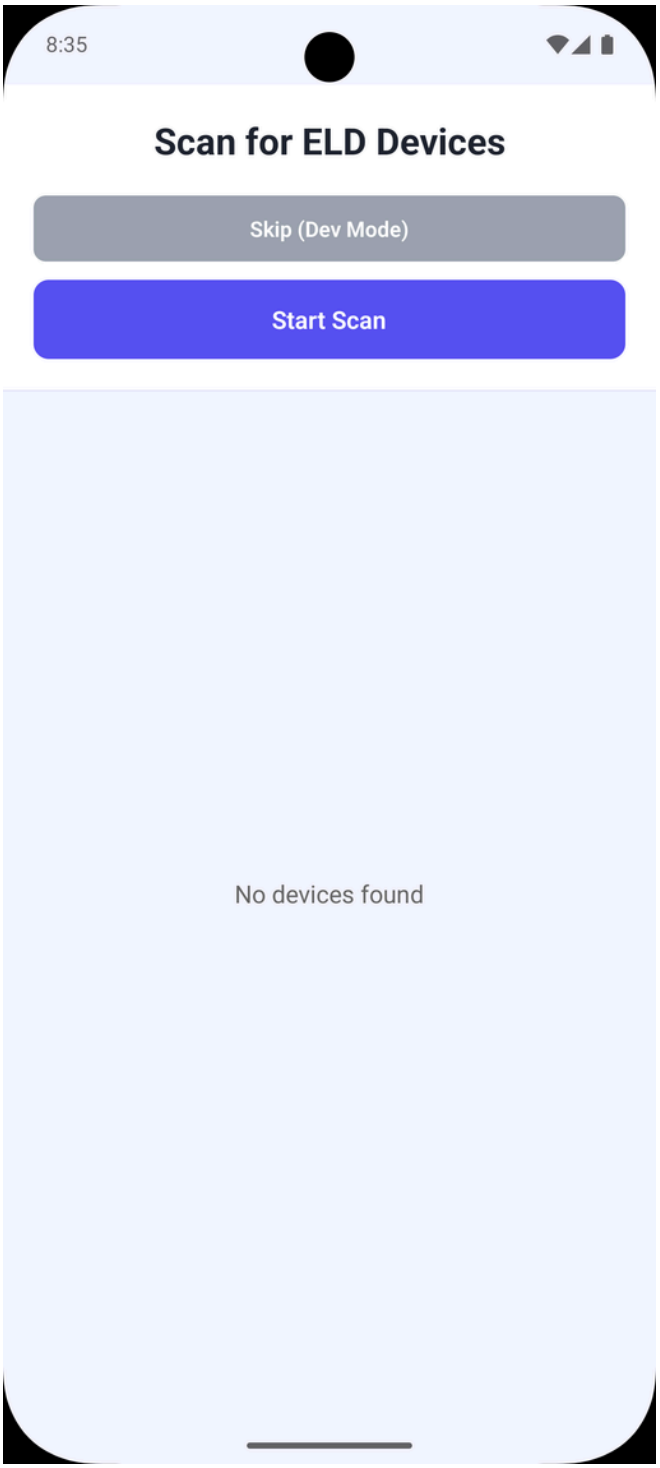
3.3 Language Selection

1. Tap More → Language.
2. Choose English or Español (Spanish).
3. The interface and HOS compliance text adjust automatically.



4. Connecting to the ELD Device

1. Turn on the vehicle ignition.
2. Ensure the ELD device is powered and blinking (ready state).
3. Tap Start Scan on the “Scan for ELD Devices” screen.
4. Select your ELD (e.g., TTM-ELD-001).
5. The status bar changes to ELD Connected.



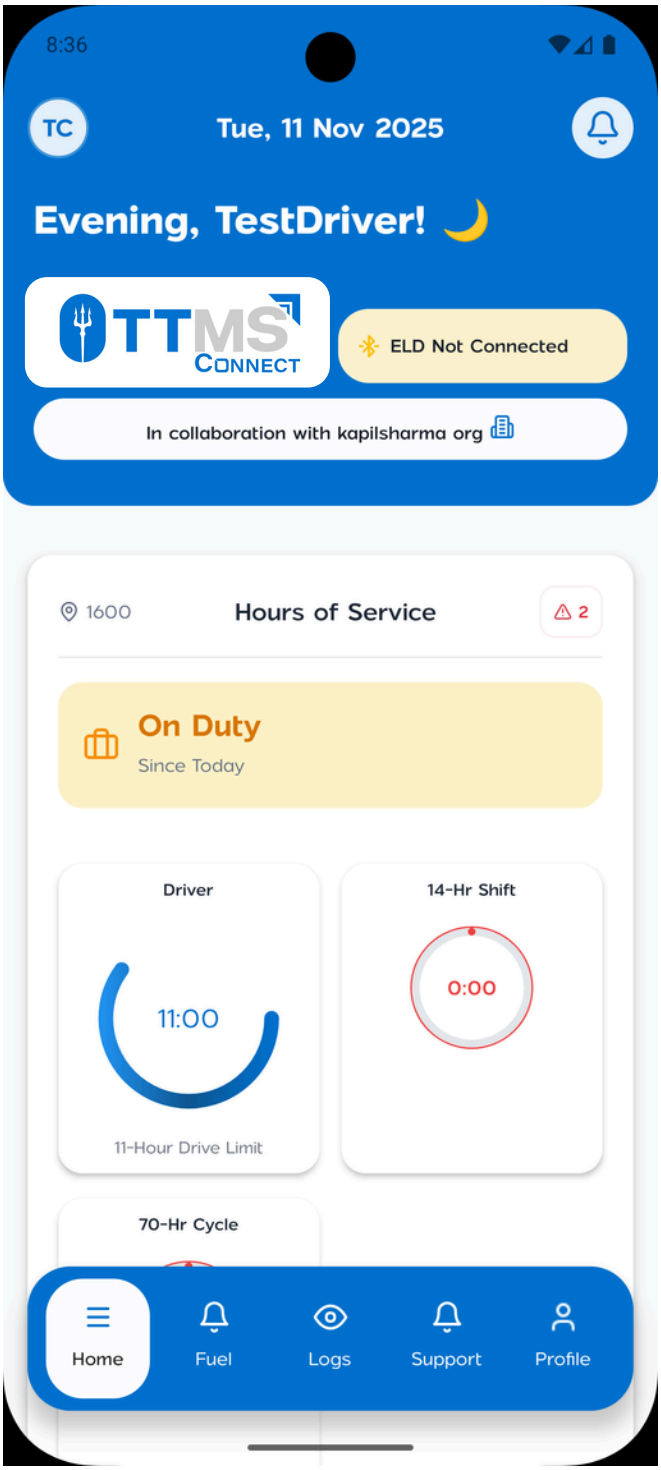
Troubleshooting Tip:
If connection fails, verify Bluetooth is enabled and retry scanning.

5. Home Dashboard Overview

The home screen displays your real-time status, compliance clock, and ELD connectivity.
Elements include:

- Greeting: Time-based message (“Good Morning”, “Evening, Updated!”).
- ELD Status: Connected / Not Connected indicator.
- Hours of Service Summary:
  - Current status (On Duty, Sleeper, Driving, Off Duty)
  - Remaining drive, shift, and cycle hours
- Activity Chart: Graphical HOS timeline
- Quick Actions: Logs, Support, Profile, Fuel

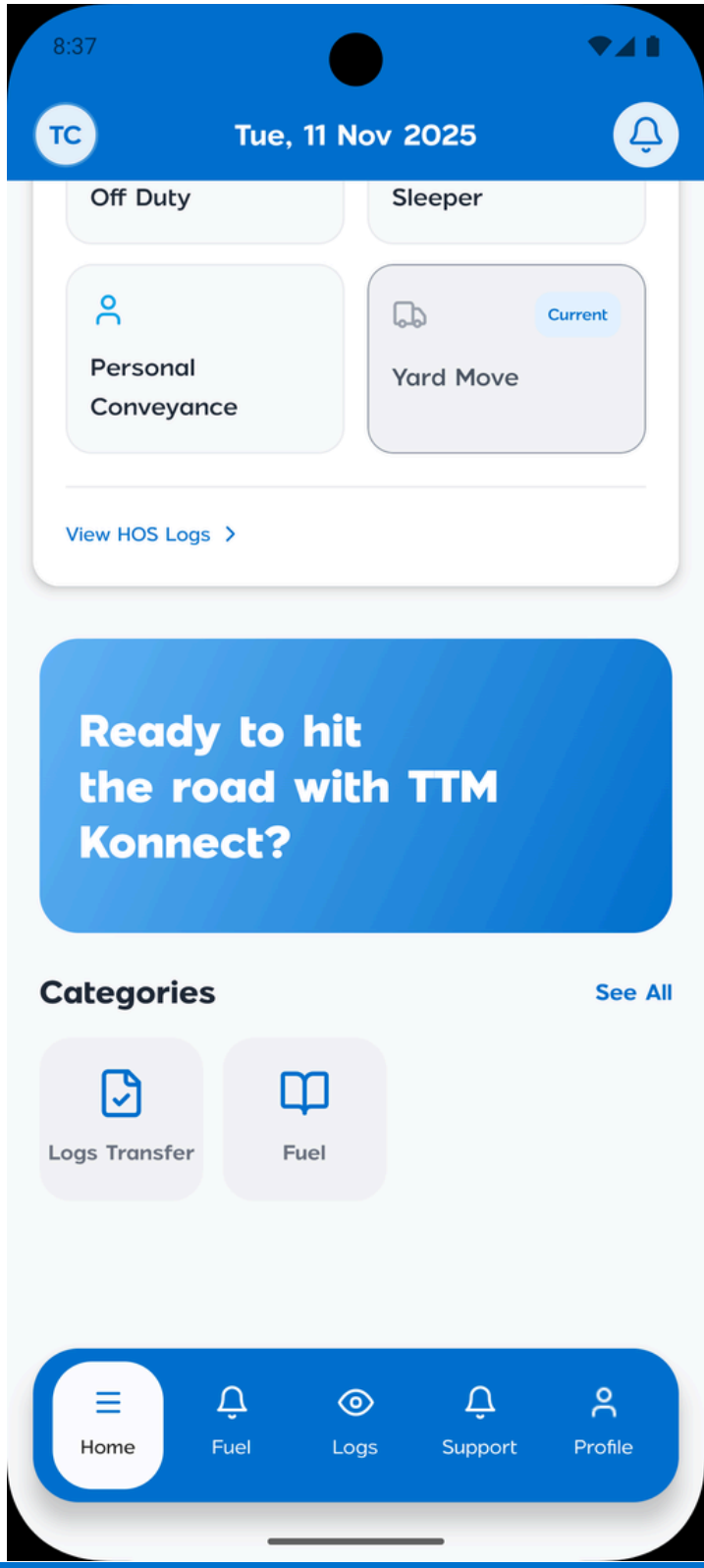
📷 [Screenshot: Dashboard – HOS Overview]
FMCSA Note: Duty status, time, and GPS location are automatically recorded per §395.26(c).



6. Hours of Service (HOS)

6.1 Duty Statuses
Drivers can toggle between the following:

- Driving
- Off Duty
- Yard Move
- Personal Convency
- Sleeper



6.2 Duty Graph & Time Limits

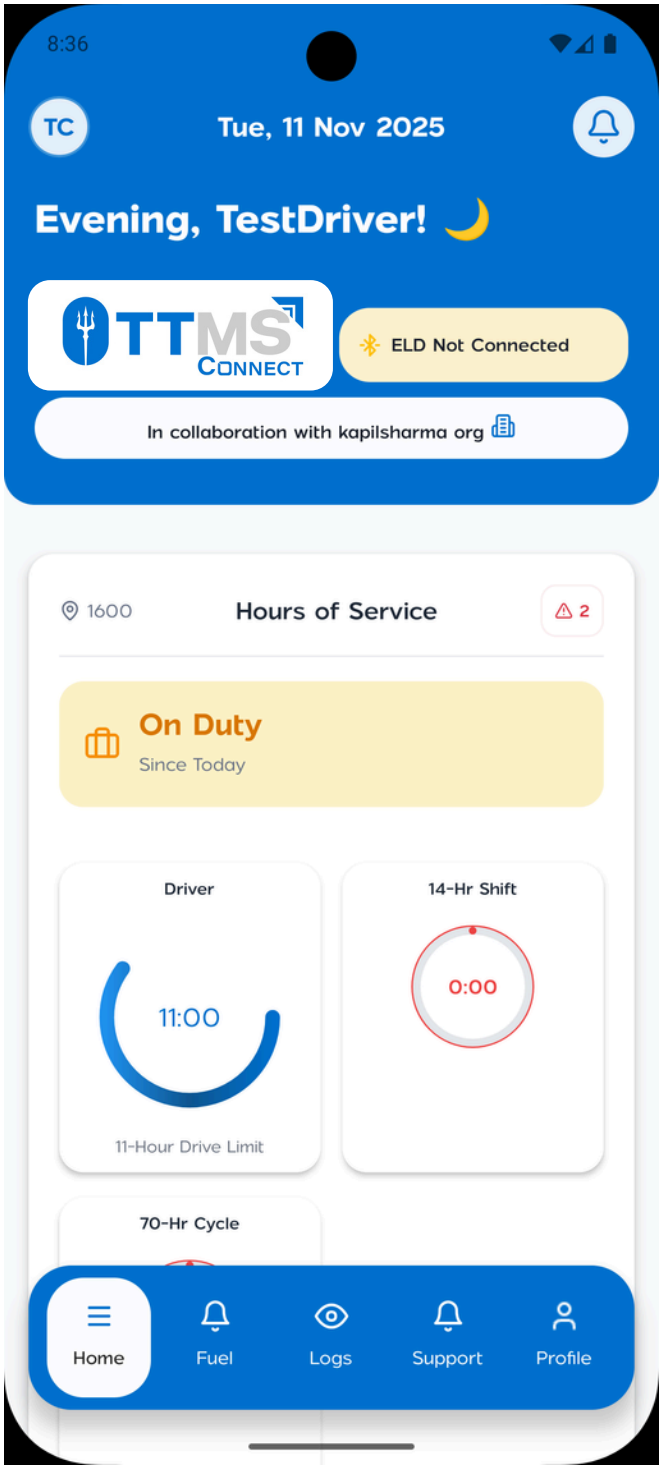
- 11-Hour Driving Limit: Max driving time after 10 hours off duty.
- 14-Hour Shift: No driving after 14 consecutive on-duty hours.
- 30-Minute Break: Required after 8 cumulative driving hours.
- 70-Hour Cycle: Max on-duty hours over 8 days.
-

The graph visually separates OFF, SB, D, and ON periods.

Color codes:

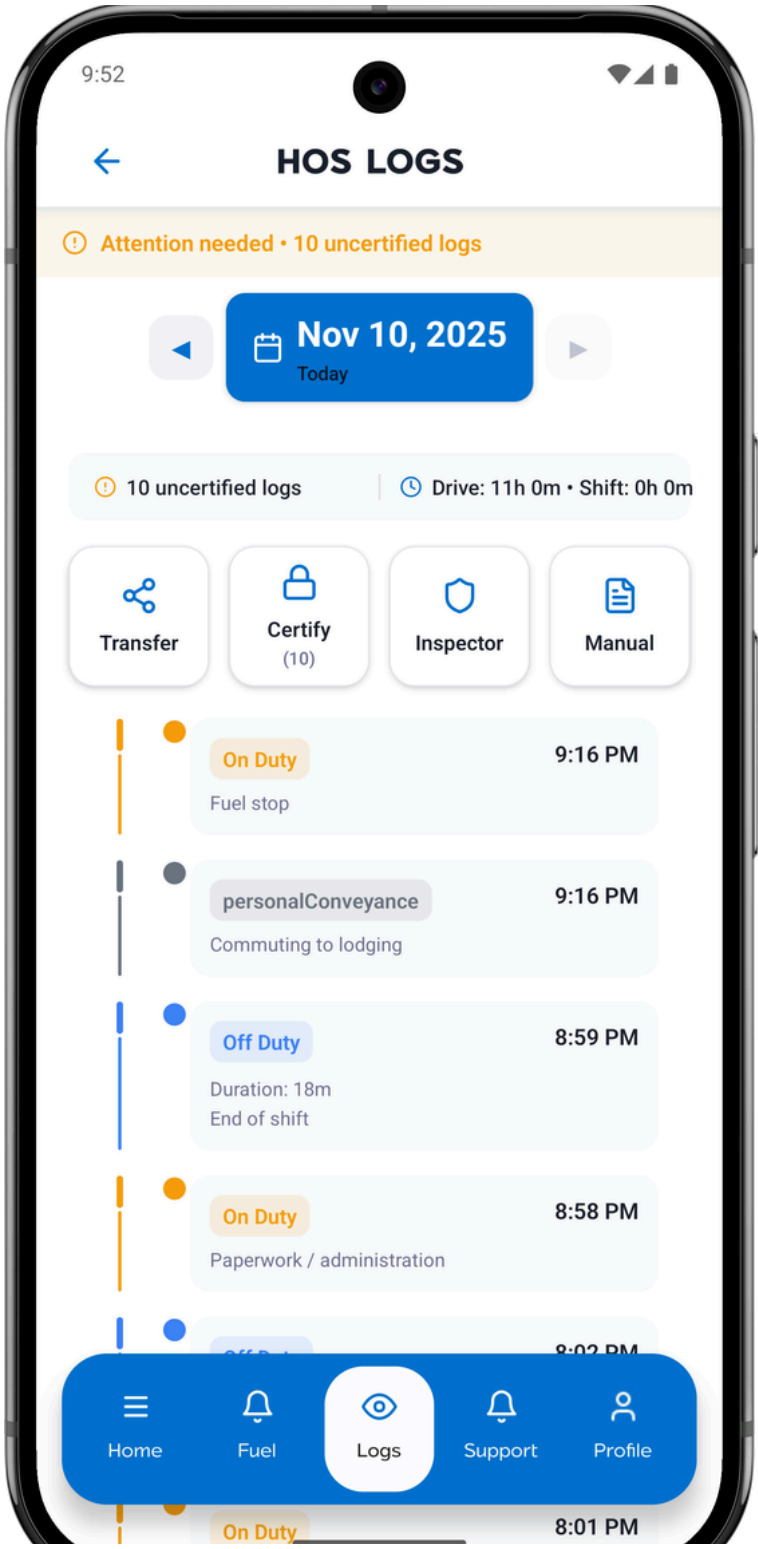
- Gray (OFF)
- Black (SB)
- Green (D)
- Orange (ON)

📷 [Screenshot: HOS Graph Screen]



7. Viewing and Certifying Logs

1. Tap Logs from the navigation bar.
2. Select a date to view daily activity.
3. Tap Certified to acknowledge the log accuracy.
4. Certified logs display a green Compliant banner.
5. Use Manual tab to add comments or notes.



📷 [Screenshot: HOS Logs – Certified]

FMCSA Requirement: Drivers must review and certify each log daily (§395.30).

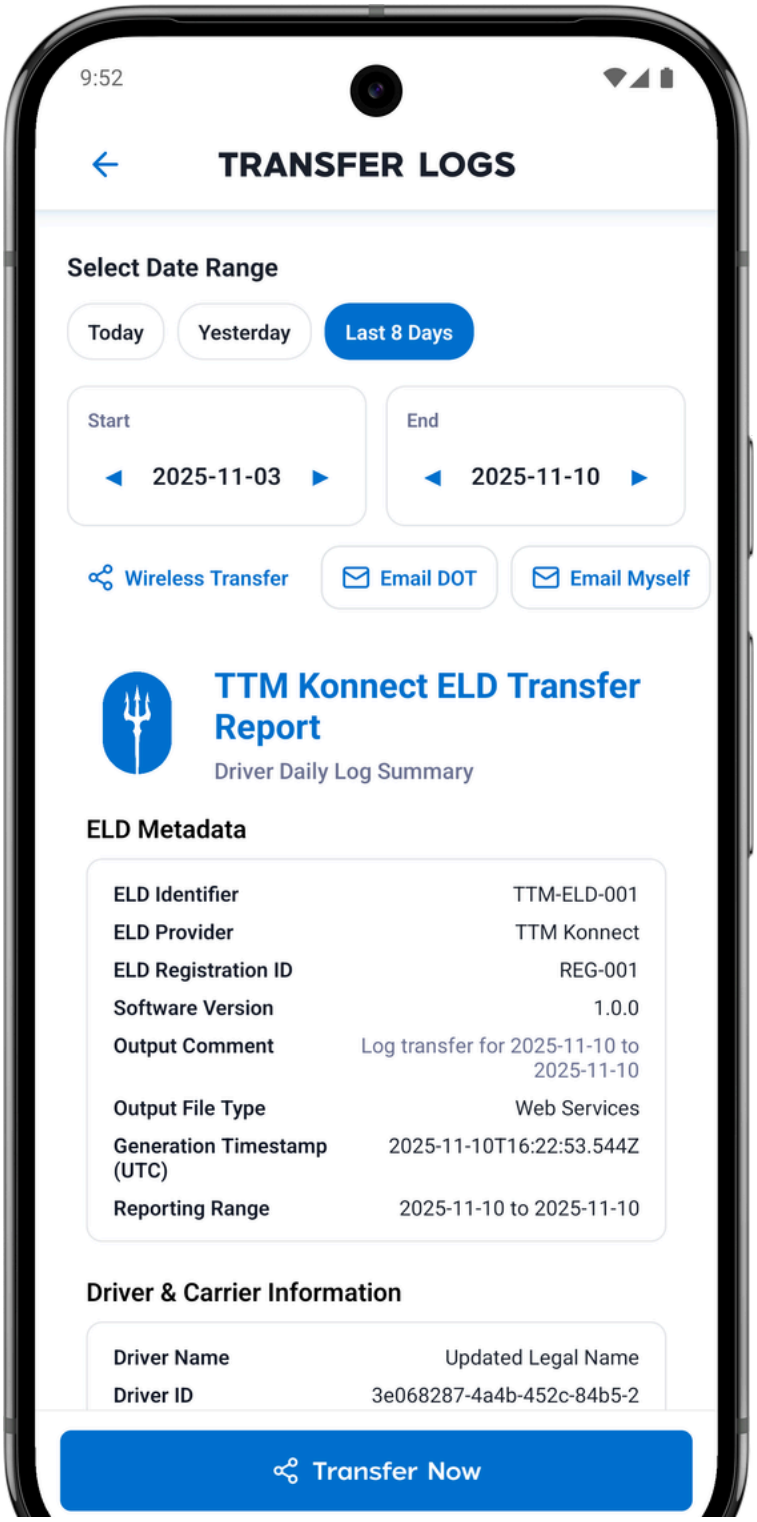
8. Log Transfer & DOT Inspection

8.1 Transfer Options

From the Transfer Logs screen:

- Select the date range (Today / Last 8 Days).
- Choose:
  - Wireless Transfer → FMCSA Web Service
  - Email DOT → Directly to FMCSA
  - Email Myself → Personal copy

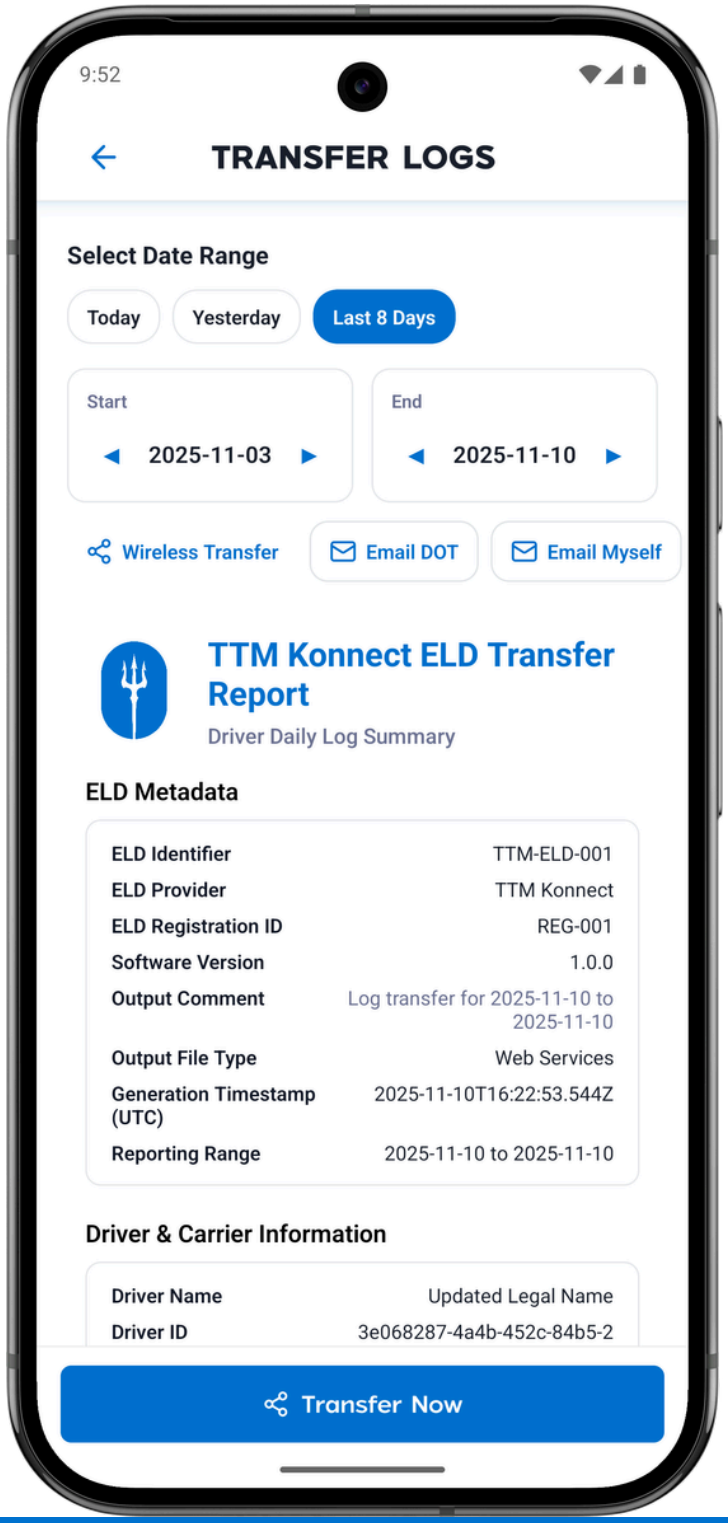
📷 [Screenshot: Transfer Logs Screen]



8.2 DOT Inspection Mode

- Tap Inspector Mode in the HOS Logs section.
- Select Share logs
- Displays read-only view of driver's last 8 days of logs.
- Prevents editing or deletion during roadside inspection.

Compliance: Required under §395.24(d) for data transfer during inspection.



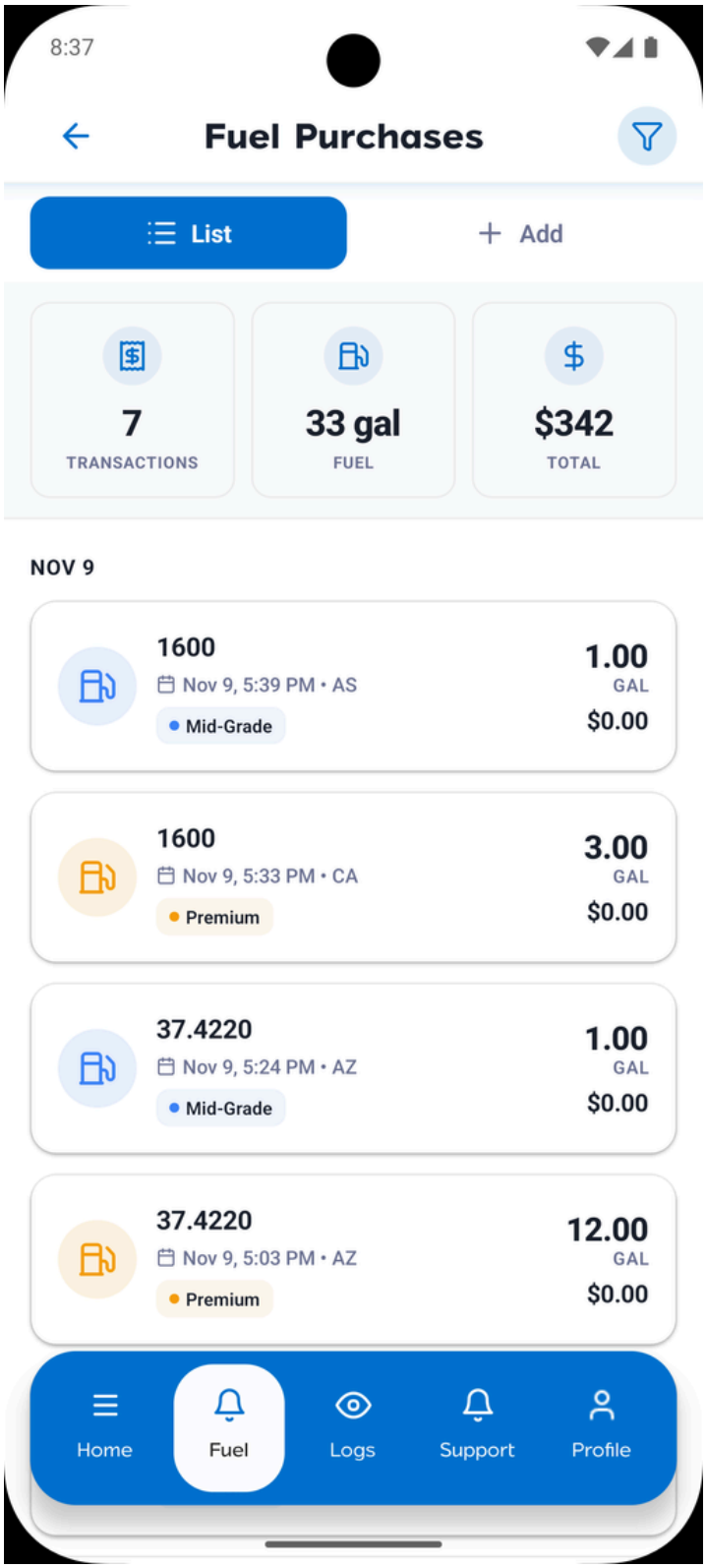
9. Fuel Purchases (IFTA Compliance)

9.1 Viewing Fuel Summary

Displays:

- Total transactions
- Gallons purchased
- Total cost

📷 [Screenshot: Fuel Purchases List]



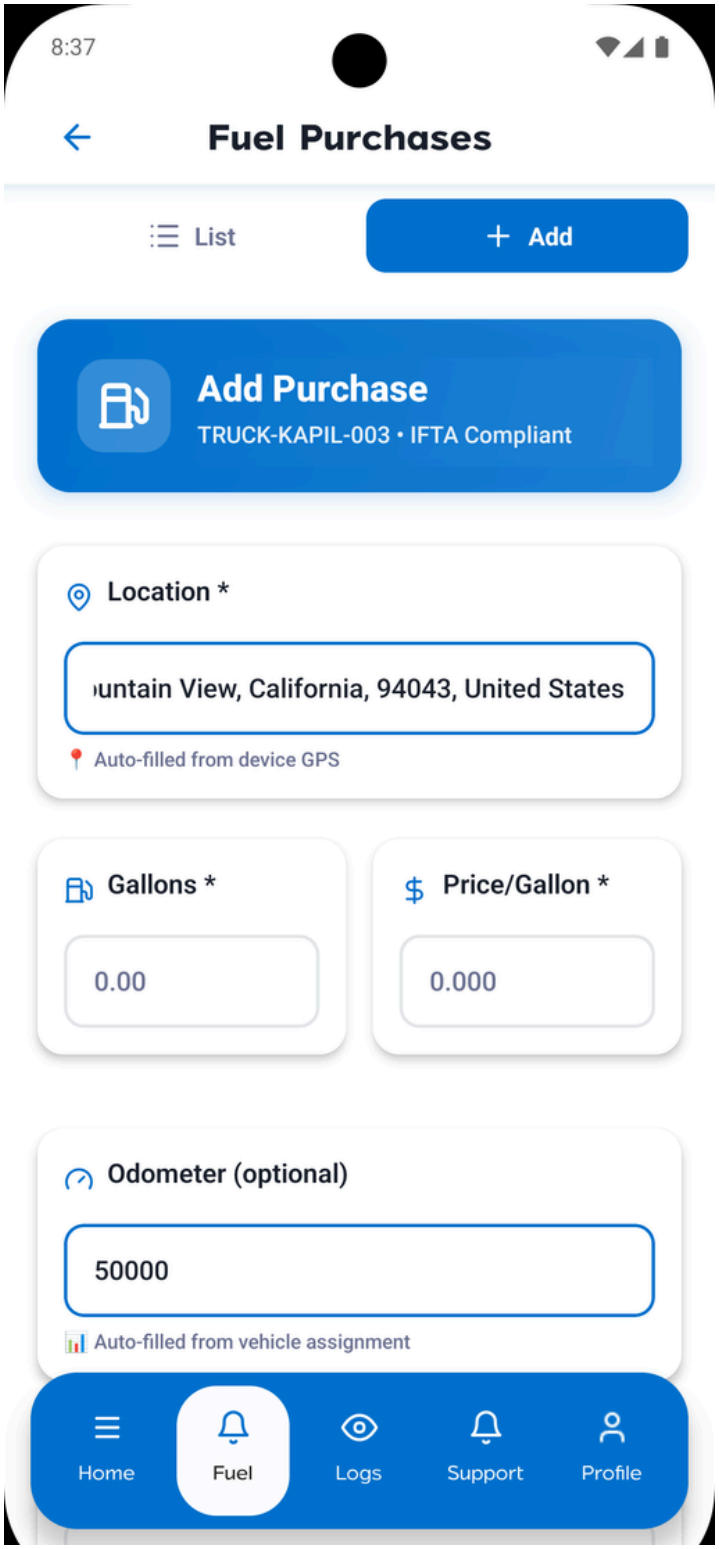
9.2 Adding a Purchase

Fields required:

- Location (auto-filled by GPS)
- Gallons
- Price/Gallon
- Odometer (optional)
- Fuel Grade (Regular, Mid, Premium)

📷 [Screenshot: Add Fuel Purchase Screen]

Note: Data supports IFTA reporting. Keep digital receipts for verification.



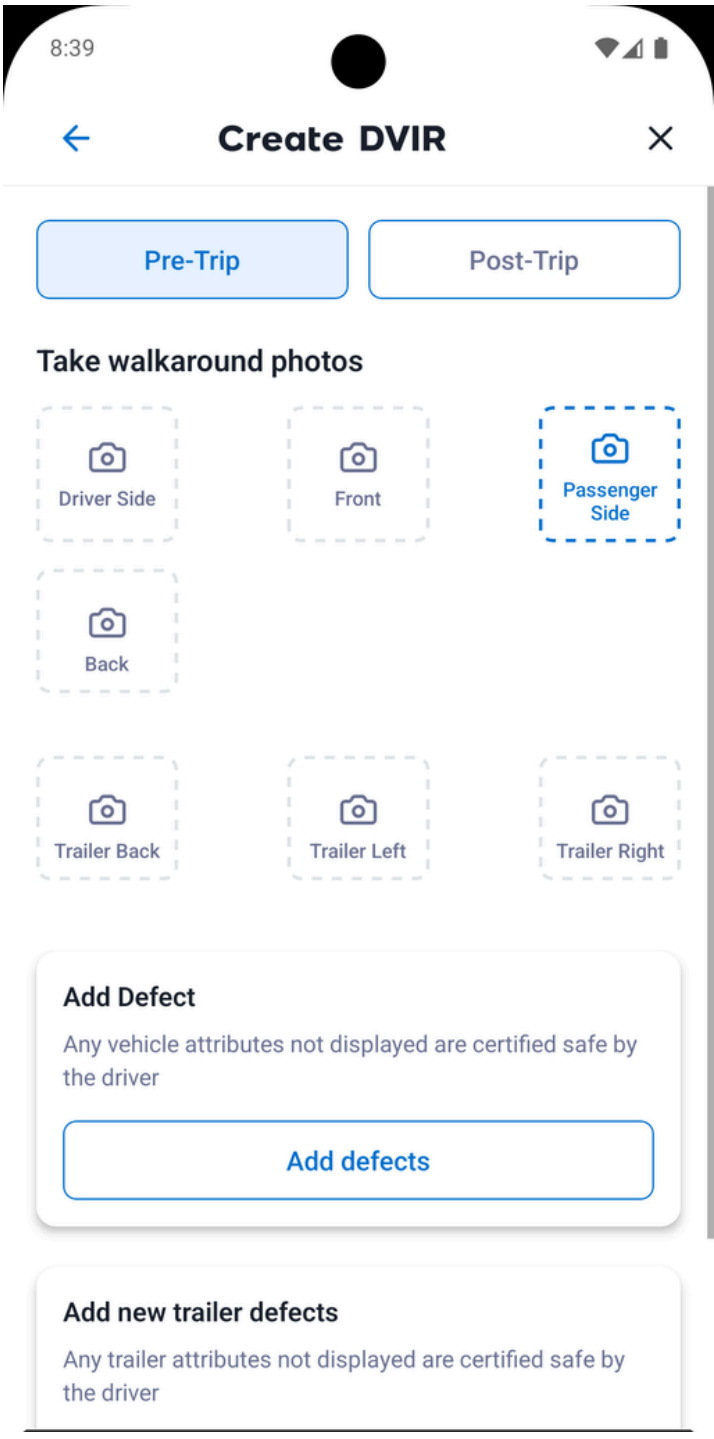
10. Driver Vehicle Inspection Report (DVIR)

Pre-Trip / Post-Trip Inspections

1. Tap Create DVIR.
2. Select Pre-Trip or Post-Trip.
3. Capture photos (Front, Sides, Trailer).
4. Tap Add Defects to log any issue.
5. Submit DVIR to mark vehicle safe or unsafe.

📷 [Screenshot: Create DVIR Screen]

Required by §396.11 for daily inspection compliance.

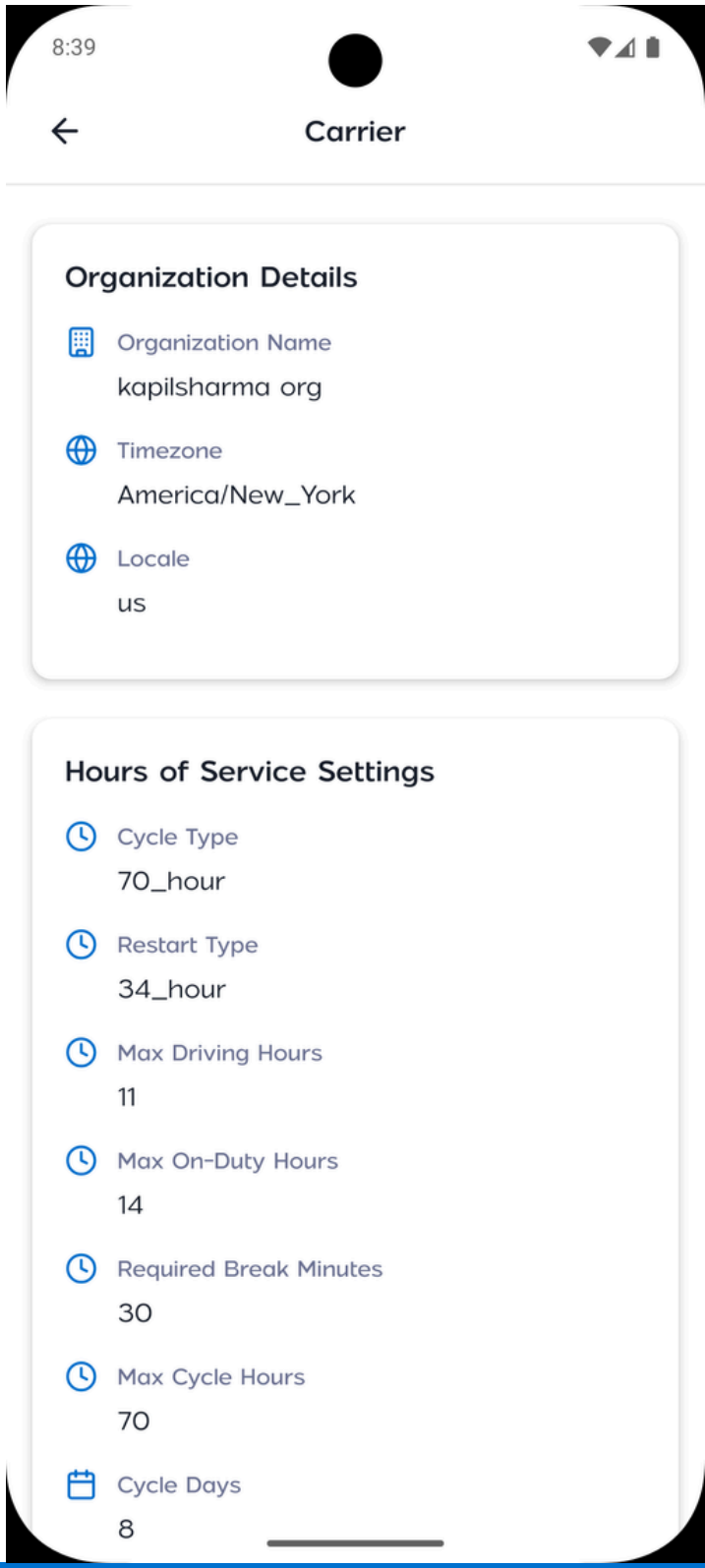


11. Carrier & Fleet Information

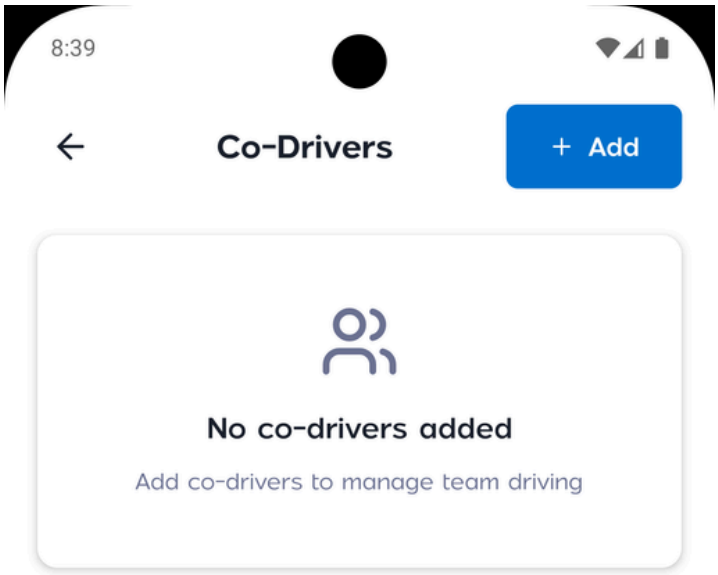
Displays fleet-level compliance settings:

- Organization Name & Timezone
- Locale
- Cycle Type (60/70-hour)
- Restart Type (34-hour reset)
- Max Driving/On-Duty Hours
- Required Break Minutes
- Cycle Days

📷 [Screenshot: Carrier Settings Screen]



12. Assignments & Co-Drivers Assignments



View active vehicle or load assignments from the fleet.

Co-Drivers

- Tap Add Co-Driver
- Both drivers can alternate and manage logs.
- Each event is recorded under the correct driver ID.

📷 [Screenshot: Co-Driver Screen]

13. Language and Localization

TTM Konnect supports bilingual functionality (English and Spanish) for drivers operating in the U.S. and Mexico border regions.

📷 [Screenshot: Language Selection]