

# ELD CONNECTION

## ELD System

CN ELD ensures FMCSA compliance and delivers superior safety and productivity for any fleet

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eldconnection.com  
CN ELD - Electronic Logging Device

# Main Features

ELD Compliance and much more



## Automatic HOS

Automatic hours of service calculation and violation alerts.

Automatic recording of driving time, miles and locations.

## DOT Inspection Mode

Simply show logs on your phone or tablet.

No printer needed.

## Multiple HOS Rules

Compliant with multiple HOS rules including

Property/Passenger 60-hour/7-day & 70-hour/8-day.

## Electronic DVIR

Vehicle inspection reports are created and submitted in seconds.

## Compliance Monitoring

Monitor your drivers' hours of service logs and DVIRs.

Receive alerts to prevent violations.

## Fleet Tracking

Track your vehicles in real time and view their location history.

## IFTA reporting

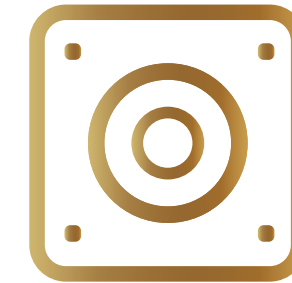
Automatic IFTA state mileage reporting saves you time and money.

## Access Permissions

Manage permissions for fleet managers, compliance officers, drivers, accountants, brokers and customers

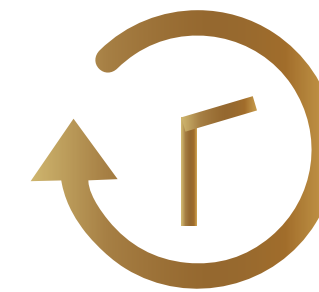
# ELD Components

Things You Need To Stay Compliant



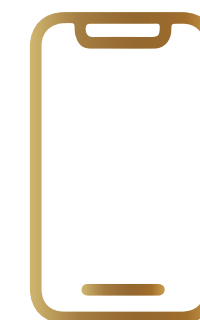
## Logging Device

Simply plug Electronic Logging Device into a vehicle ECM port and start recording driving hours and miles automatically.



## Logbook App

Logbook app connects to Electronic Logging Device via bluetooth and displays recorded driving time to a driver.



## Tablet/Smartphone

ELD & App work great with most tablets and smartphones. Use your own or purchase devices and data plans from us.

# Install & Connect ELD

ELDs are installed within minutes

## ■ Locate ECM (diagnostic) port

Locate ECM (diagnostic) port inside of your vehicle. Look for 9-pin or 6-pin circular ports in heavy duty vehicles. Look for OBDII port in light/medium duty vehicles.

## ■ Install ELD

Simply plug the provided cable into a vehicle ECM (diagnostic) and attach the other end to the ELD device. The dual fastener is provided for dash mounting.

## ■ Log into ELD Logbook App

Log in to ELD Logbook App on your tablet/smartphone with a username and password created during a sign up process or provided by a fleet manager.

## ■ Connect ELD

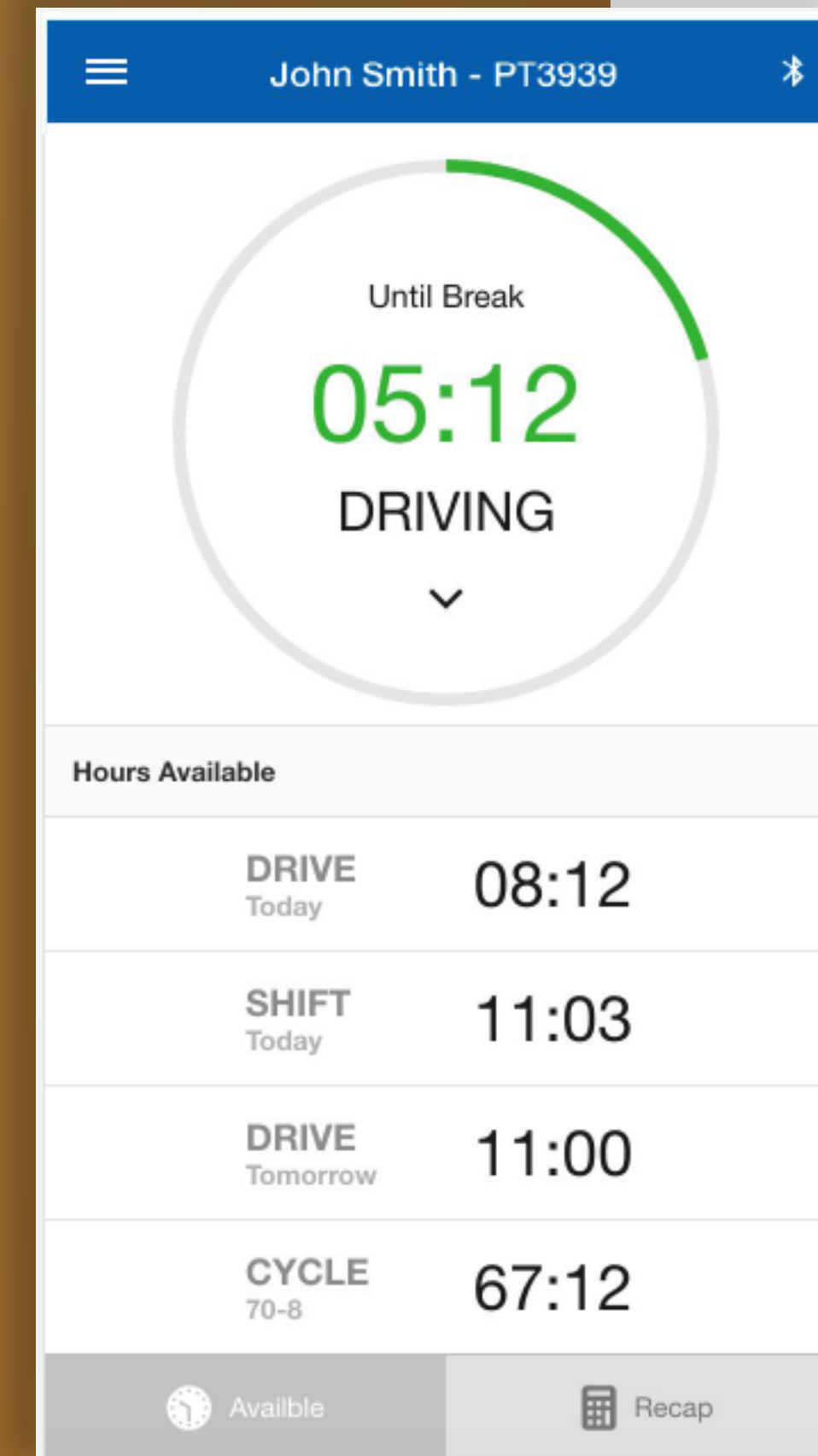
Select a vehicle from a list of available vehicles and your device will attempt to connect to ELD via Bluetooth. Green Bluetooth indicator at the top right corner means you are ready to start using ELD.





# Driving with ELD

- Once ELD connected, your driving time will be captured automatically.
- Once your vehicle is moving at 5 mph or more, your duty status is switched to Driving.
- Your logs and others features are not available while in Driving mode due to safety reasons.
- Once your vehicle is stopped, you may change your duty status by tapping on the status circle. The app will remind you to make a selection in 5 minutes. If no selection is made, your duty status will be switched to On Duty.



Available driving hours, required breaks, on-duty limits and required off-duty time are calculated automatically



Visual notifications and sound warnings help you to avoid hours of service violations and stay compliant

# Duty Status

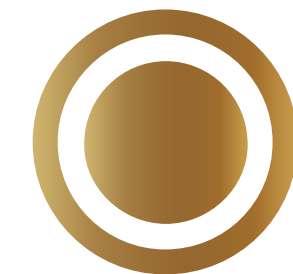
Set duty status with just two-clicks. Status is updated automatically when driving starts or stops, Easy-to-use interface allows drivers to spend less time doing paperwork and more time driving. ELD simplifies training and prevents log errors.

Hours Available	
DRIVE Today	08:00
SHIFT Today	11:00
DRIVE Tomorrow	11:00
CYCLE 70-8	67:00



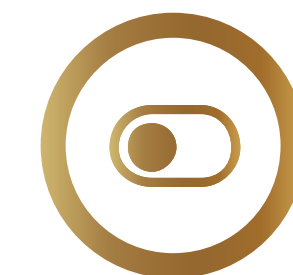
## Current Status

Current duty status is always displayed on Status page inside of status circle along with available or reset hours.



## Change Status

Tap the status circle, select your current status, add a note if necessary (i.e. pre-trip inspection) and press "Update" button.

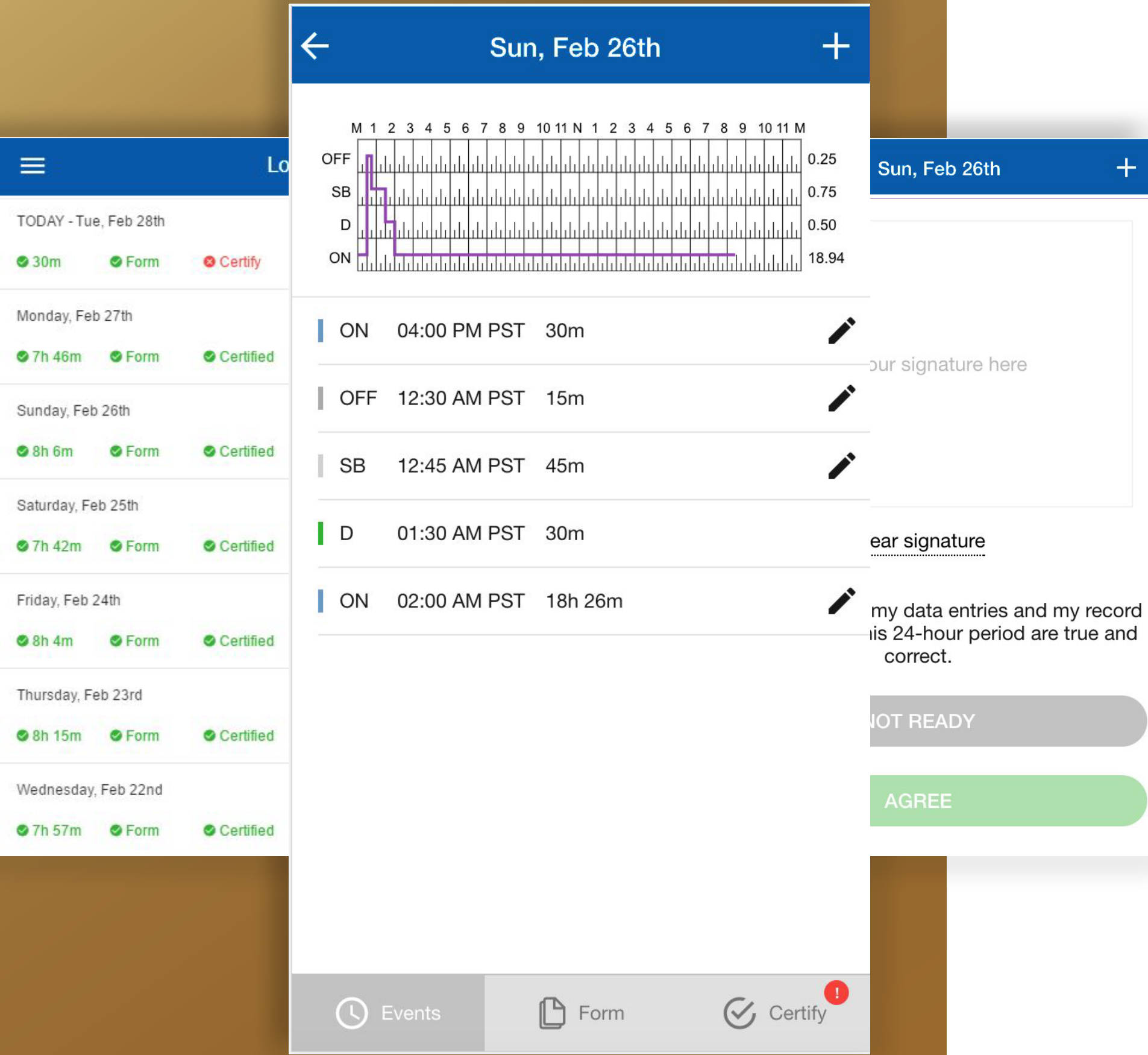


## Personal/Yard

Personal Use Off-duty and Yard Move On-Duty statuses must be configured and allowed by a fleet manager.

# Logs

Managing logs has never been easier



## Today's Log



Tap on TODAY's log to view & manage your current log.

## Logs History



View past logs & violations if any. Tap on a log you would like to view or edit.

## Graph Grid



Similar to paper logs, view your hours or service on the graph grid.

## Statuses/Events



Tap on a specific status in the events section to view location and notes.

## Edit/Insert Status



Press on "Pencil" to edit or "+" to insert a past duty status.

## Certify Log



Tap "Certify" and sign your log when your shift ends.



# DVIRs

Paper-free DVIRs save time for drivers

The image displays three overlapping screenshots of a mobile application for Digital Vehicle Inspection Reports (DVIRs).

**Leftmost Screenshot (Insert DVIR form):**

- Header:** "Insert DVIR" with a close button (X).
- Fields:** Odometer, Vehicle, Trailer, and Carrier.
- Defects List:** A list of checkboxes for "Other", "Breaks", "Brake Connections", "Coupling Devices", and "Coupling Pin".
- Buttons:** "CANCEL" and "OK" at the bottom.
- Footer:** "Clear signature" and a green "SIGN" button.

**Middle Screenshot (DVIRs History):**

- Header:** "DVIRs" with a menu icon and a "+" button.
- Table:** A list of DVIRs with columns for date/time, vehicle/trailer status, and a "Defects" column.
- Table Data:**

Date/Time	Vehicle	Trailer	Defects
Sun, Jan 1st   4:27 AM PST	PT2345	425C	No defects
Sat, Dec 30th   10:32 PM PST	PT2345	425C	2 Defects
Fri, Dec 29th   5:00 AM PST	PT2345	425C	Need not be corrected
Thu, Dec 28th   10:17 PM PST	PT2345	425C	No defects
Wed, Dec 27th   10:12 PM PST	PT2345	425C	No defects
Tue, Dec 26th   10:05 PM PST	PT2345	425C	No defects
Mon, Dec 25th   09:58 PM PST	PT2345	425C	No defects
Sun, Dec 24th   10:02 PM PST	PT2345	425C	No defects

**Rightmost Screenshot (DVIR Detail):**

- Header:** "Sat, Dec 30th" with a menu icon and a "+" button.
- Table:** A detailed view of a DVIR for "Sat, Dec 30th" with a list of defects and a "No Defects Found" message.
- Table Data:**

Date/Time	Vehicle	Trailer	Defects
Sat, Dec 30th   10:32 PM PST	PT2345	425C	2 Defects



## Add DVIR

Tap "+" to add pre-trip or post-trip inspection report



## Defects

Select defects (if any) from the list and sign DVIR



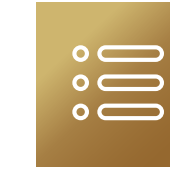
## Correct Defects

Notify mechanic if defects need to be corrected



## Review last DVIR

Tap on DVIR to review and to confirm the issues have been resolved



## DVIRs History

Review past DVIRs to prevents compliance errors



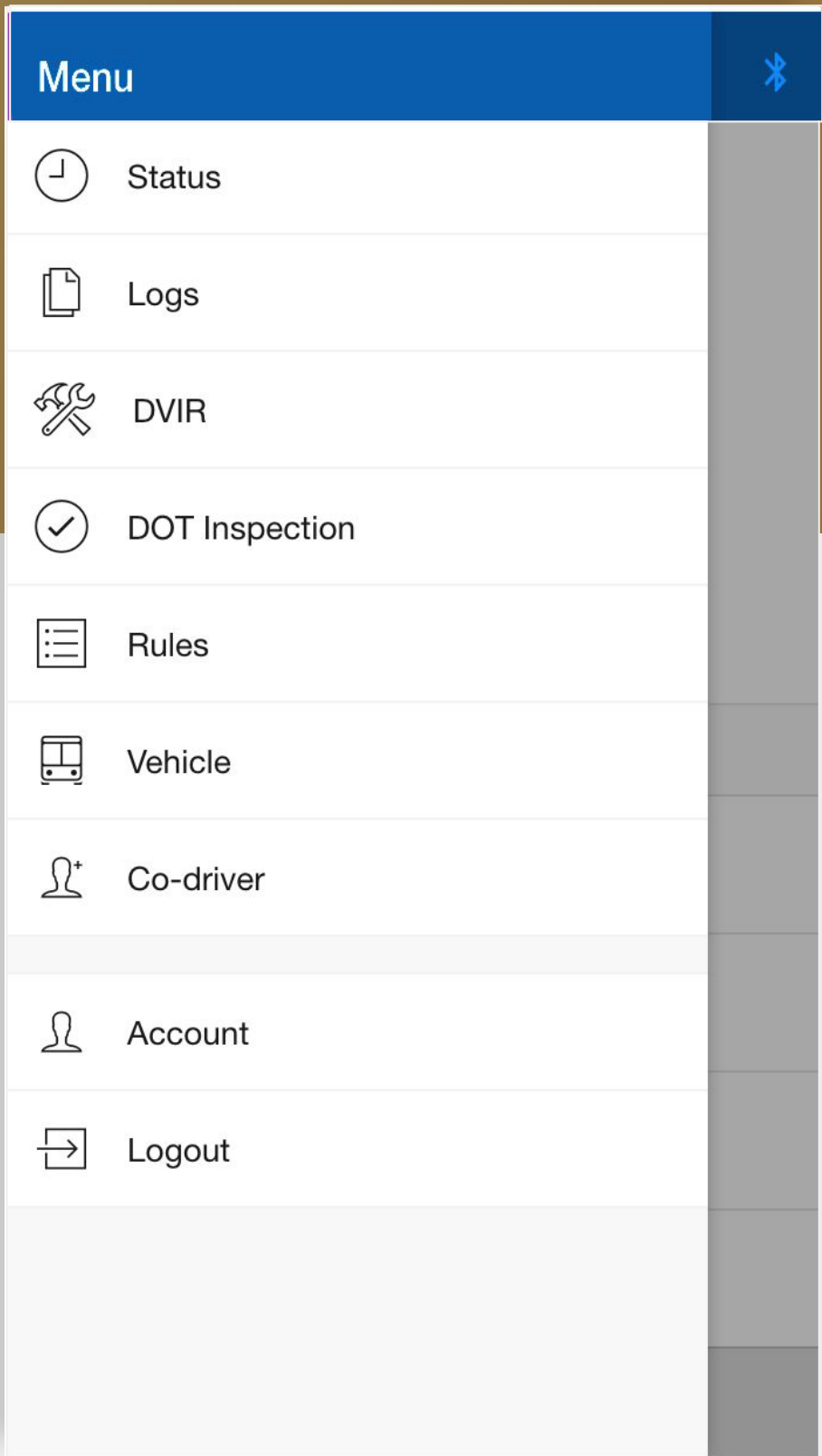
## Edit DVIR

Tap "... " button to edit DVIR and to fix any errors

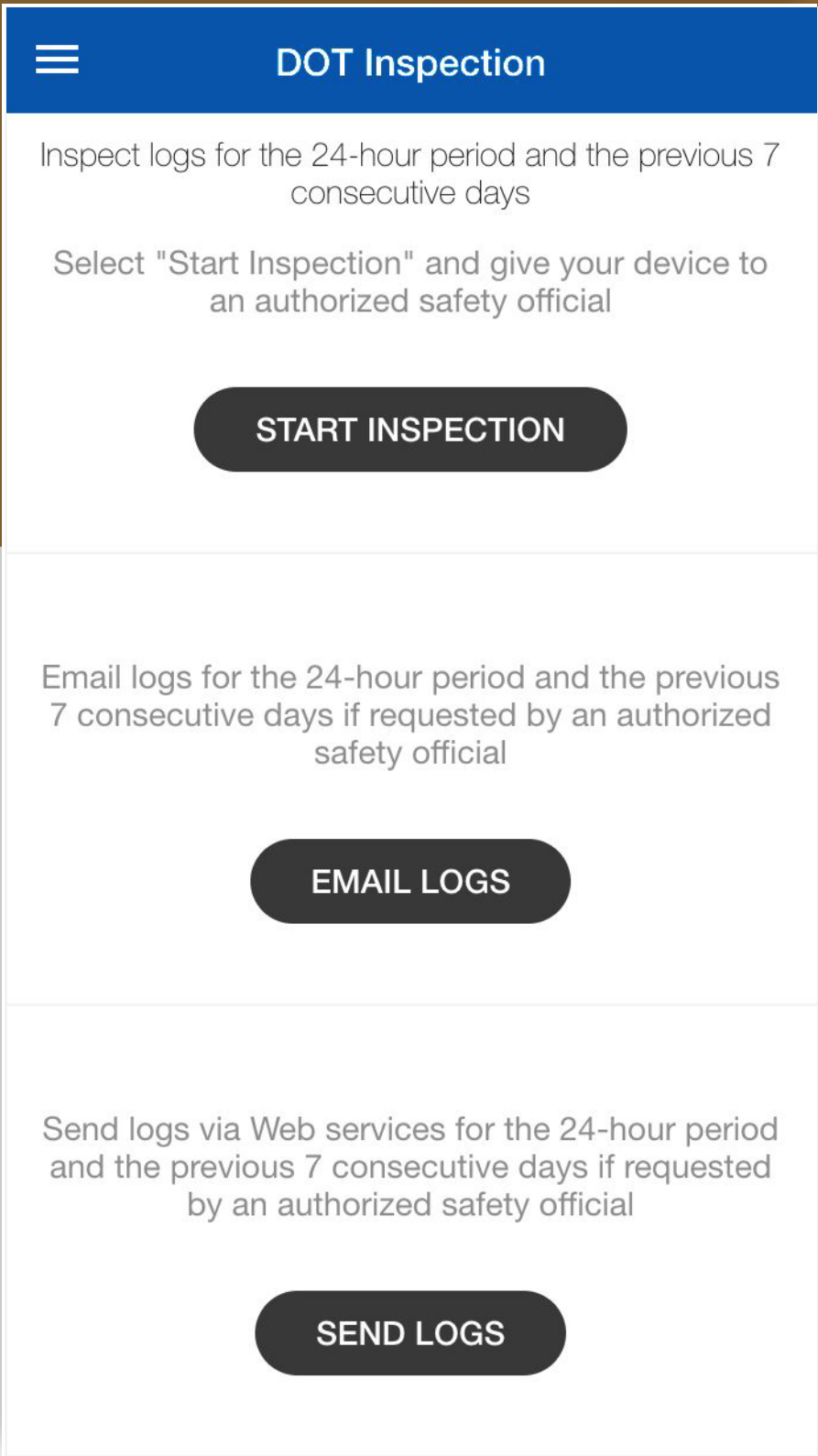


# Easy to Use & to Navigate

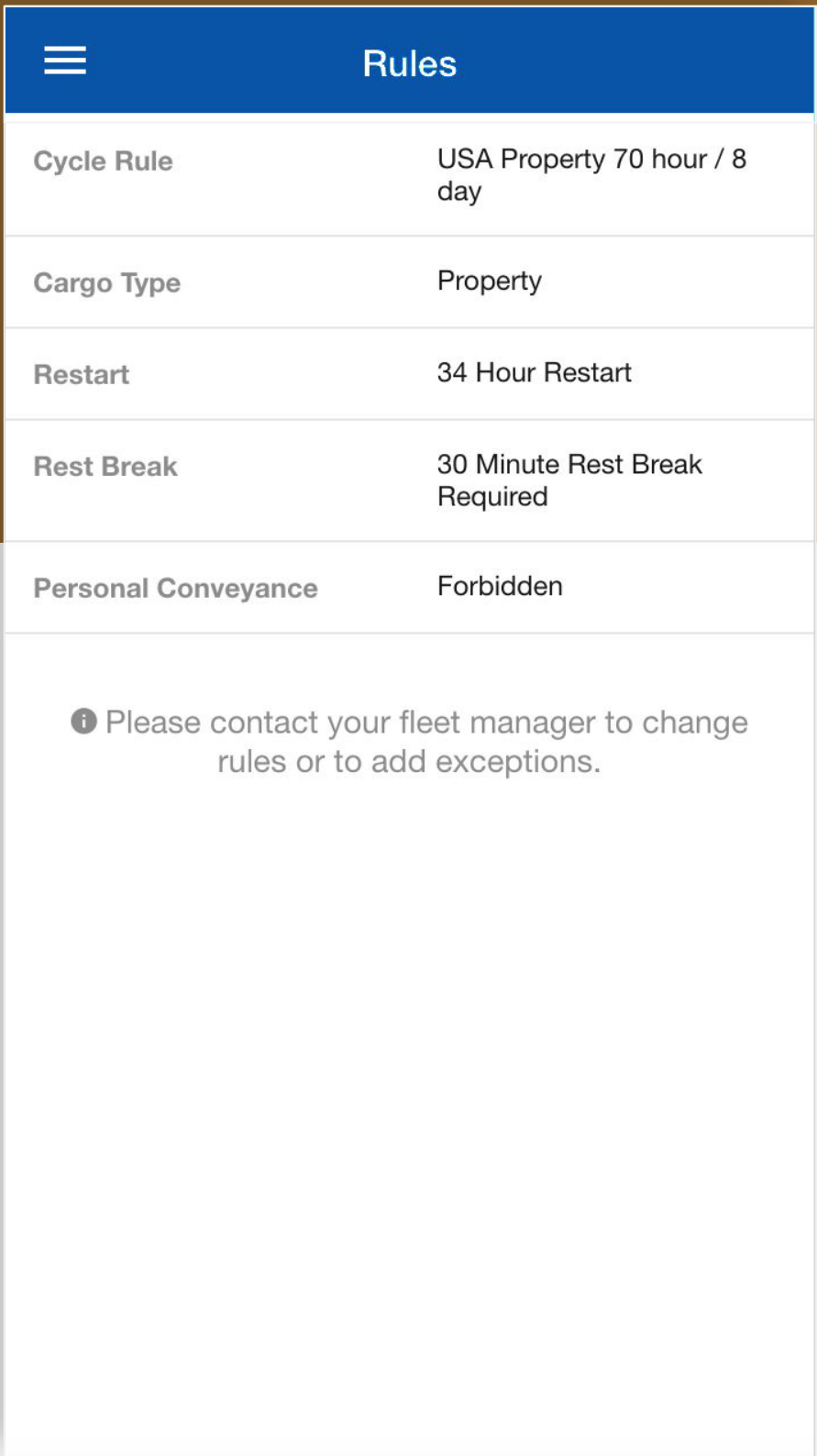
Driver-friendly ELD Logbook interface



Easy-to-Navigate  
& Simple Menu



Tap “Start Inspection”  
for DOT Mode



View HOS Rules  
and Exceptions

# Compliance Dashboard

Make sure your drivers stay compliant and productive

ELD

Jane Williams

Drivers

Vehicles

Logs

DVIRs

IFTA

Manage

Drivers

NAME	STATUS	LOCATION	VEHICLE	BREAK	DRIVE	SHIFT	CYCLE	VIOLATIONS	LAST ACTIVITY
Mark Romery	Driving	15 mi NE of Foley, AL 08:24 PM PST	Truck 16 PT809	06:34	09:34	12:17	68:34		08:24 PM PST
Vincent Jay	Driving	14.0 mi NE of Harrisburg, PA Jan 24	Truck 1 PT3026	05:12	08:12	11:03	67:12		Jan 24
Sam Roy	On Duty	Minnetonka, MN Jan 23	Truck 83 PT5049	08:00	11:00	14:00	-27:36		Jan 24
Diego Alvarez	Driving	16.9 mi NW of East Pensacola, FL Jan 24	Truck 59 PT680	02:55	05:55	08:43	64:55		Jan 25
Bogdan Titov	Driving	40 mi NE of West Gulfport, MS Jan 22	Truck 97 PT12	00:53	03:53	06:30	62:53		Jan 22
John Smith	Off Duty	17.1 mi W of Andover, MN Jan 23	Truck 36 PT5027	-00:18	03:12	06:00	62:00		Jan 23



## Current Status

View current statuses and locations of your drivers. Click on a driver to see details.



## Real-Time Hours

View real-time hours to avoid violations and regulatory fines



## Violations

Monitor violations in real time and mitigate compliance risks

# Driver Details

Everything about the driver in one place

- ### Hours of Service

View current status and real-time hours. Available and reset hours are calculated automatically.
- ### Driver Logs

View current log graph grid and last 14 logs. Click on a log to see log details. Click “More” to view historical logs.
- ### Violations & Errors

Monitor violations and errors in real time. View past violations and mitigate compliance risks.
- ### Details

View driver contact information, current or last known vehicle and location.

Vincent Jay

Edit

Refresh

555-345-2345

john@hos247.com

USA Property 70 hour / 8 day

Last Update: JAN 21 4:00 PM EST

Hours of Service

STATUS	DATE	VEHICLE	LOCATION	BREAK	DRIVE	SHIFT	CYCLE
DRIVING	JAN 11 4:00 PM EST	Truck 29 - PT2929	14.0 mi NE of Harrisburg, PA	05:12	08:12	11:03	67:12
> Recap							
> Map							

Logs

Recent Log

DATE	HOURS DROVE	DISTANCE	VIOLATIONS & ERRORS
11 Jan 2017	2 hours	378 mi	

M 1 2 3 4 5 6 7 8 9 10 11 N 1 2 3 4 5 6 7 8 9 10 11 M

OFF

SB

D

ON

10.00

0.00

2.03

10.50

Last 14 Days

More

DATE	HOURS DROVE	DISTANCE	VIOLATIONS & ERRORS
10 Jan 2017	10	321 mi	
11 Jan 2017	10	427 mi	
12 Jan 2017	10	368 mi	
10 Jan 2017	10	310 mi	
11 Jan 2017	10	321 mi	
12 Jan 2017	10	382 mi	
10 Jan 2017	10	361 mi	
11 Jan 2017	10	420 mi	



# Logs

Make sure your drivers stay compliant and productive

ELD

Jane Williams

Drivers

Vehicles

Logs

DVIRs

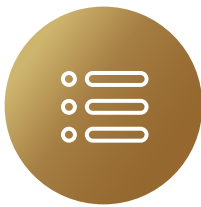
IFTA

Manage

Logs

Filter by Date Refresh

DATE	DRIVER	HOURS DROVE	MILES DROVE	VIOLATIONS & ERRORS
Jan 24	Mark Romery	11	293	
Jan 24	Vincent Jay	10	374	
Jan 24	Sam Roy	11	356	
Jan 24	Diego Alvarez	10	341	
Jan 24	Bogdan Titov	11	328	
Jan 24	John Smith	11	281	
Jan 23	Mark Romery	11	299	
Jan 23	Vincent Jay	11	410	
Jan 23	Sam Roy	11	335	
Jan 23	Diego Alvarez	10	357	
Jan 23	Bogdan Titov	11	372	
Jan 23	John Smith	11	434	
Jan 22	Mark Romery	10	308	
Jan 22	Vincent Jay	11	359	
Jan 22	Sam Roy	11	374	



## View logs

View all current and past logs up to six months



## Filter

Filter by date or driver



## Violations

Monitor violations in real time



# Log Details

## Log form and events



### Log Form

Form and manner errors are displayed automatically.



### Vehicles & Trailers

View vehicle & trailer information. Check shipping documents numbers.



### Log Events

Check log events. Click on event to suggest an edit. Click “+” to suggest to add an event.



### Log Date

Click on a calendar in the top right corner to change a date or click “<->” to switch between logs,

Tue Jan 24, 2017

01/24/2017

John Smith

USA Property 70 hour / 8 day

Certified

No Violations

Log Form

General

Driver	John Smith	Co-Driver	
Driver ID	35742	Co-Driver ID	
Driver Licence	D000034685038246741	ELD S/N	JDI5774564
Driver Licence State	CA	ELD Malfunction Indicators	No
Exempt Driver Status	No	Data Diagnostic Indicators	No
Unidentified Driving Records	No		

Vehicles & Trailers

VEHICLE	VIN	START END ODOMETER	DISTANCE	START END ENGINE HOURS
PT9393	ADR34543F36DA6	39564 - 39844	420 mi	758.2 - 765.7
TRAILERS	SHIPPING DOCS	CARRIER	MAIN OFFICE	HOME TERMINAL
2320	123456	USA Trucking	10921 Excelsior Blvd, Hopkins MN, 55343	10921 Excelsior Blvd, Hopkins MN, 55343

Log

Log Events

M

1

2

3

4

5

6

7

8

9

10

11

N

1

2

3

4

5

6

7

8

9

10

11

M

OFF

SB

ID

ON

4.00

10.00

6.00

4.00

TIME (PST)	EVENT/ STATUS	LOCATION	ODOMETER	ENGINE HOURS	ORIGIN	NOTES
0:00	SB	49 mi NNE Fallov, NV	39564	758.2	Driver	
10:00	Login	49 mi NNE Fallov, NV	39564	758.2	Driver	
10:00	ODND	49 mi NNE Fallov, NV	39564	758.2	Driver	
10:50	ODND	49 mi NNE Fallov, NV	39564	758.2	Auto	
12:00	Driving	2 mi E Fernley, NV	39624	759.3	Auto	
13:00	Intl Location	3.5 mi SW Davis, CA	39684	760.3	Auto	