TST 1 ELD solution ensures FMCSA compliance and delivers superior safety and productivity for any fleet



# TST 1 ELD

# ELD System

www.tsteld.com TST 1 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.

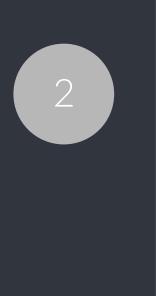


**IFTA** reporting Automatic IFTA state mileage reporting saves you time and money.



#### **Access Permissions**

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



## **ELD Components**

**Things You Need To Stay Compliant** 

### Logging Device

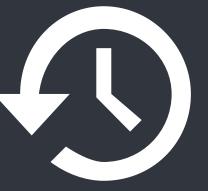


Simply plug Electronic Logging Device into a vehicle ECM port and start recording driving hours and miles automatically.





### 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.



⊒ John Sm	ith - PT3939	*	<b>~</b>
			<b>~</b>
Unt	il Break		$\bigotimes$
	:12 IVING ~		
Hours Available			
Hours Available DRIVE Today	08:12		
DRIVE	08:12 11:03		
DRIVE Today SHIFT			
DRIVE Today SHIFT Today DRIVE	11:03		
DRIVE Today SHIFT Today DRIVE Tomorrow CYCLE	11:03 11:00		

ELD - Electronic Logging Device

# iving with ELD

e ELD connected, your driving time will be captured automatically.

e your vehicle is moving at 5 mph or more, your duty status is switched to Driving.

logs and others features are not available while in Driving mode due to safety reasons.

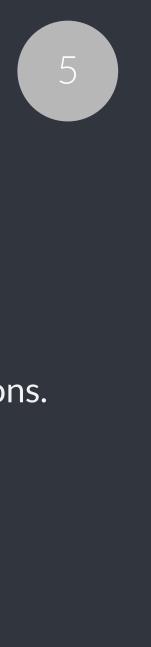
e your vehicle is stopped, you may change your duty status by tapping on the us circle. The app will remind you to make a selection in 5 minutes. If no ction is made, your duty status will be switched to On Duty.



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



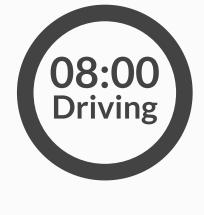
	(	•	
• -	—	X Change Status	
John Sr	mith - PT	Off Duty	0
Unti	l Break	Sleeper	
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	VING	On Duty	۲
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<b>SHIFT</b> Today	11:	San Francisco, CA	
DRIVE Tomorrow	11:	Notes	
<b>CYCLE</b> 70-8 Wailble	67:	UPDATE	

 $\equiv$ 

**Hours Available** 

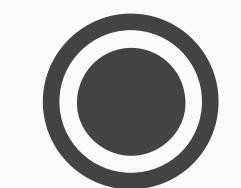
# Duty Status

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.



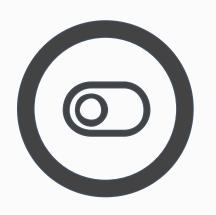
Current duty status is always displayed on Status page inside of status circle along with available or reset hours.

### **Current Status**



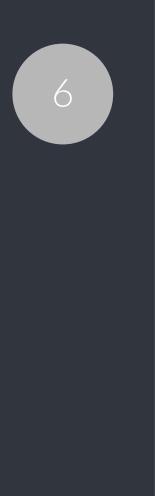
#### **Change Status**

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.



### Today's Log

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



#### Logs History

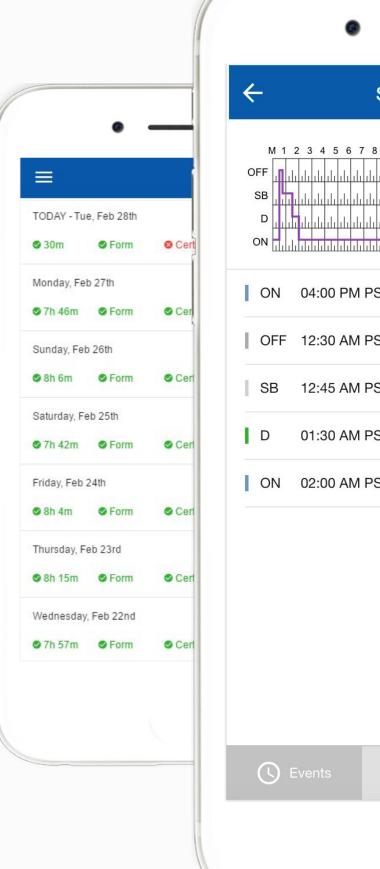
View past logs & violations if any. Tap on a log you would like to view or edit.



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











Sun, Feb 26th	
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PST 45m	
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Form 🔗 Certify	





#### 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.

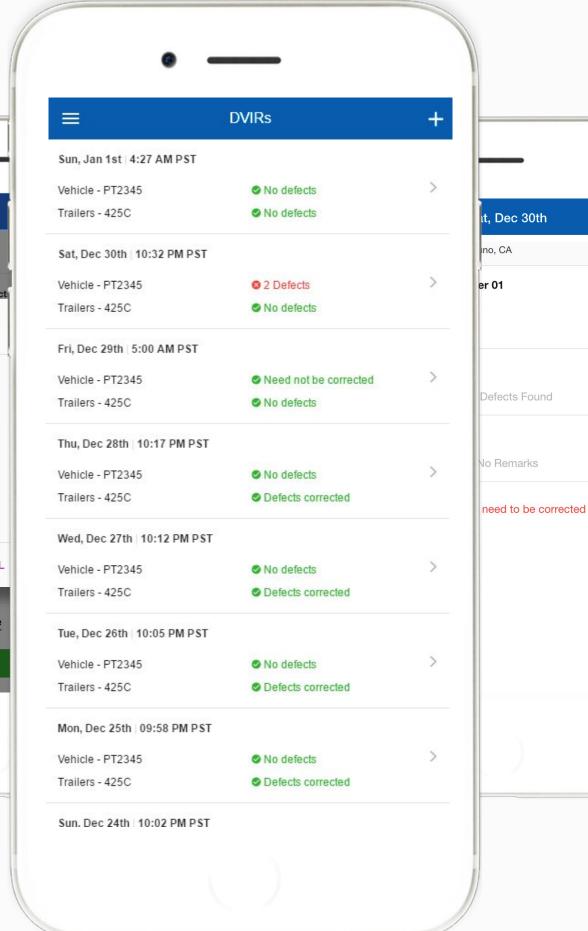


#### Certify Log

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







### Add DVIR

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

#### Defects

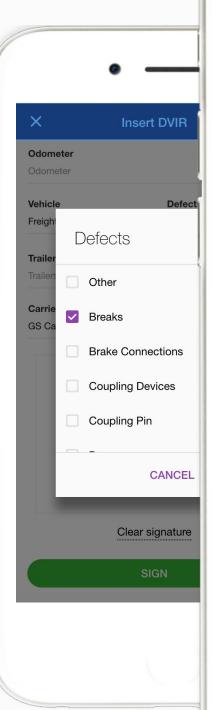
Select defects (if any) from the list and sign DVIR

#### **Correct Defects**

Notify mechanic if defects need to be corrected



+



## DVIRS Paper-free DVIRs save time for drivers



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#### **Review last DVIR**

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



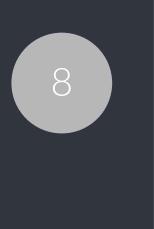
#### **DVIRs** History

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

	•	
Mer	u	*
	Status	
	Logs	
EK.	DVIR	
$\bigcirc$	DOT Inspection	
:=	Rules	
	Vehicle	
Ωt	Co-driver	
L	Account	
$\rightarrow$	Logout	

Easy-to-Navigate & Simple Menu

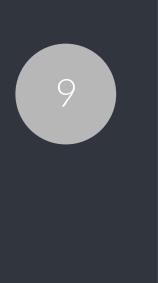
 $\equiv$ Inspect logs Select "Sta Email logs for 7 consecuti Send logs v and the pre

•	
DOT Inspection	
for the 24-hour period and the previous 7 consecutive days	
rt Inspection" and give your device to an authorized safety official	
START INSPECTION	-
or the 24-hour period and the previous ve days if requested by an authorized safety official	
EMAIL LOGS	
ia Web services for the 24-hour period vious 7 consecutive days if requested an authorized safety official	
SEND LOGS	_

Tap "Start Inspection" for DOT Mode

	Rules
Cycle Rule	USA Property 70 hour / 8 day
Cargo Type	Property
Restart	34 Hour Restart
Rest Break	30 Minute Rest Break Required
Personal Conveyance	Forbidden

**View HOS Rules** and Exceptions



## **Compliance Dashboard**

#### Make sure your drivers stay compliant and productive

## H

#### **Current Status**

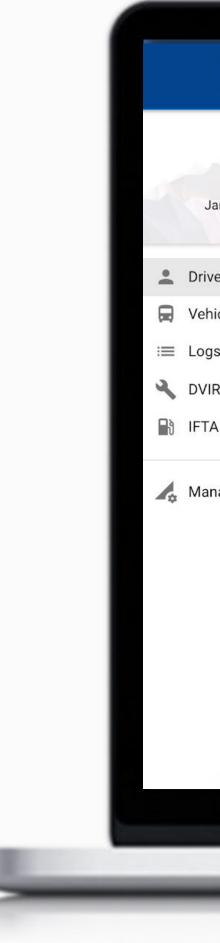
View currents statuses and locations of your drivers. Click on a driver to see details.

### **Real-Time Hours**

View real-time hours to avoid violations and regulatory fines

### Violations

Monitor violations in real time and mitigate compliance risks



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ELD	<u>&lt;</u>								?
Jane Williams 🗸	Drivers								Refresh C
	NAME Search	status All ~	LOCATION	VEHICLE	BREAK	DRIVE	SHIFT	CYCLE	
Drivers Vehicles	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
Logs DVIRs	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
IFTA	Sam Roy	On Duty	Minnetonka, MN Jan 23	Truck 83 PT5049	08:00	11:00	14:00	-27:36	Jan 24
Manage	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
			19 						·
			<u> </u>	1					





/incent Jay							
555-345-2345	🗹 john@hos247.com	USA Property 70	hour / 8 day 🕑 Las	st Update: JAN 21 4:00 PM	1 EST		
lours of Servic	e						
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	67:1
> Recap							
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# **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.



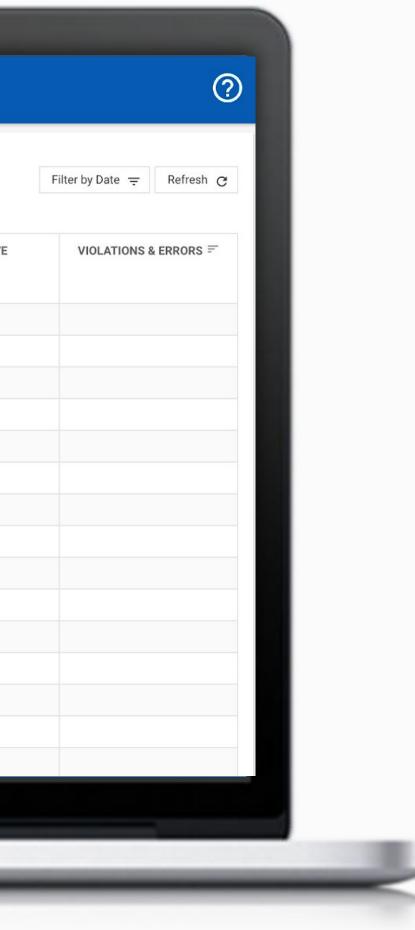
#### Details

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



Logs Make sure your drivers stay compliant and productive

ELD	\$			
Jane Williams 🗸	Logs			
	DATE =	<b>DRIVER</b> Search	HOURS DROVE	MILES DROVE
L Drivers	Jan 24			202
G Vehicles	Jan 24	Mark Romery	11	293 374
i≡ Logs	Jan 24	Vincent Jay Sam Roy	11	374
-	Jan 24	Diego Alvarez	10	341
DVIRs	Jan 24	Bogdan Titov	11	328
🕞 IFTA	Jan 24	John Smith	11	281
	Jan 23	Mark Romery	11	299
🗛 Manage 🗸 🗸	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
	Jun 22	Sumoy		0,4





#### View logs

View all current and past logs up to six months



Filter

Filter by date or driver



Violations

Monitor violations in real time



Tue Jan 24, 2017	01/24/2017
Let Lohn Smith ③ USA Property 70 hour / 8 day ✓ Certified ✓ No Violations	

#### Log Form

General								
Driver		John Smith	John Smith		Co-Driver			
Driver ID		35742		Co-Driver ID				
Driver Licence DO		D000034685038246741		ELD S/N		JDI5774564		
Driver Licence State CA		CA	ELD Malfunc		LD Malfunction Indicators		No	
Exempt Driver Status		No	Data Diagnostic		ostic Indicators No			
Unidentified Driving Records		No						
Vehicles & Trailers								
VEHICLE	VIN		START END	ODOMETER	DISTANCE		START END	
PT9393	ADR34	543F36DA6	39564 - 398	44	420 mi		758.2 - 765.7	
TRAILERS	SHIPP	ING DOCS	CARRIER		MAIN OFFICE		HOME TERM	
2320	12345	6	USA Truckin	g	10921 Excelsior Blvd, H 55343	opkins MN,	10921 Excel 55343	

#### Log

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TIME (PST)	EVENT/ STATUS	LOCATION	ODOMETER	ENGINE HOURS	ORIGIN
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

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	NOTE	ES		

# 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,

