

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



## RAINIER ELD

# ELD System

rainiereld.com RAINIER 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.



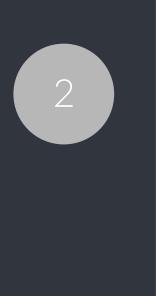
**IFTA** reporting Automatic IFTA state mileage reporting saves you time and money.



#### **Access Permissions**

Manage permissions for fleet managers, compliance

officers, drivers, accountants, brokers and customers



## **ELD Components**

**Things You Need To Stay Compliant** 

### Logging Device

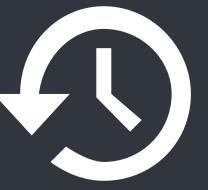


Simply plug Electronic Logging Device into a vehicle ECM port and start recording driving hours and miles automatically.





### 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.



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⊟ John Smit	th - PT3939	*		Once
			<b>~</b>	Once
Until	Break			Your
	:12 VING ~			Once statu selec
Hours Available				
<b>DRIVE</b> Today	08:12			
SHIFT Today	11:03			
<b>DRIVE</b> Tomorrow	11:00			
<b>CYCLE</b> 70-8	67:12			I
🕥 Availble	Recap			

# iving with ELD

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

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.

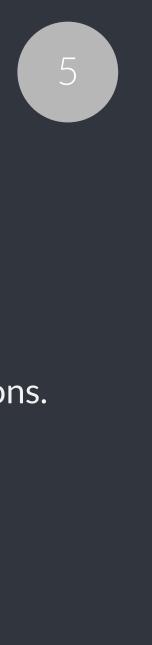
your vehicle is stopped, you may change your duty status by tapping on the is circle. The app will remind you to make a selection in 5 minutes. If no tion is made, your duty status will be switched to On Duty.



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 Smith - PT	Off Duty	0
Until Break	Sleeper	
05:12	Driving	
DRIVING	On Duty	۲
×	Personal Use	0
le	Yard Moves	
ORIVE 08:		
SHIFT 11:	San Francisco, CA	
DRIVE 11:	Notes	
CYCLE 67:	UPDATE	
railble		

**Hours Available** 

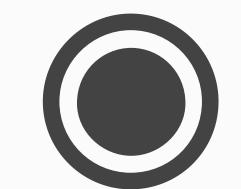
Set duty status with just two-clicks. Status is updated automatically when driving starts or stops, Easy-to-use interface allows drivers to spend less time doing paperwork and more time driving. ELD simplifies training and prevents log errors.



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

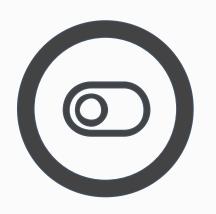
# Duty Status

### **Current Status**



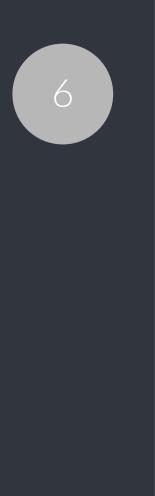
#### **Change Status**

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

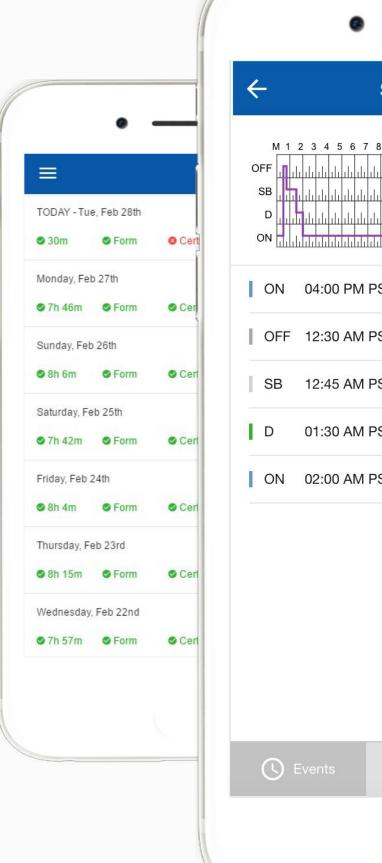
View past logs & violations if any. Tap on a log you would like to view or edit.



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



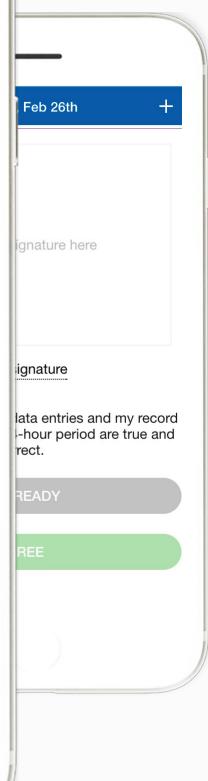








Sun, Feb 26th +	╟
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PST 30m	
PST 15m	ignat
PST 45m	
PST 30m	ignat
PST 18h 26m	lata e I-hou rect. REE
Form 🔗 Certify	





#### 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.

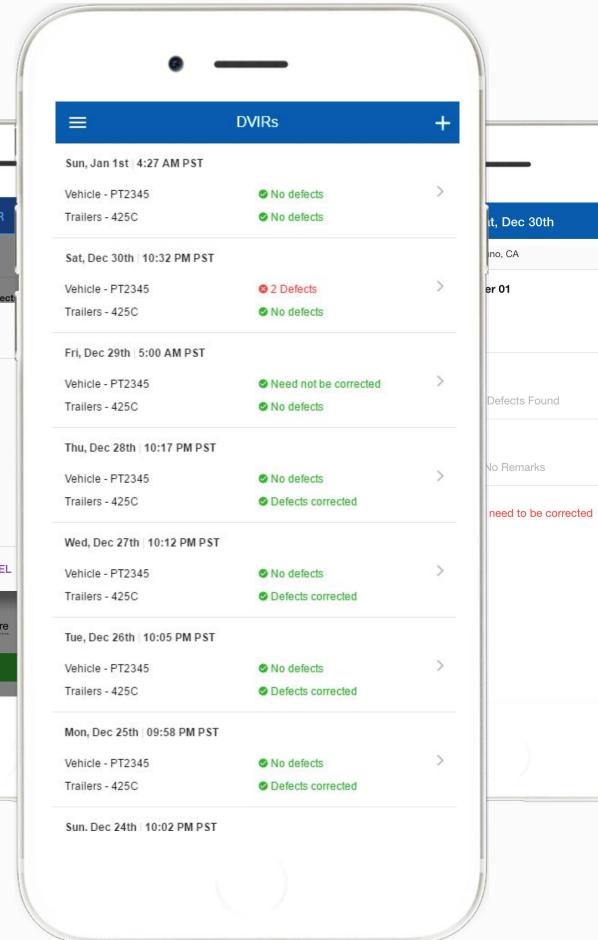


#### **Certify Log**

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







### Add DVIR

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

#### Defects

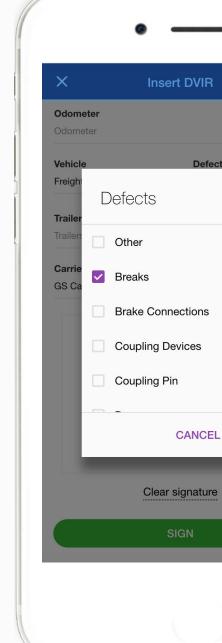
Select defects (if any) from the list and sign DVIR

#### **Correct Defects**

Notify mechanic if defects need to be corrected



+



### DVIRS Paper-free DVIRs save time for drivers



...

#### **Review last DVIR**

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

0		
0		
0		

#### **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

	• —	
Men	u	*
	Status	
Ľ	Logs	
5K	DVIR	
$\bigcirc$	DOT Inspection	
∷⊒	Rules	
	Vehicle	
ſ	Co-driver	
L	Account	
$\rightarrow$	Logout	

Easy-to-Navigate & Simple Menu

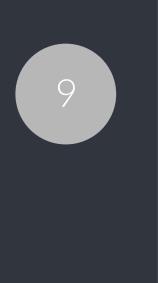
 $\equiv$ Inspect logs Select "Sta Email logs for 7 consecuti Send logs v and the pre

•	
DOT Inspection	
for the 24-hour period and the previous 7 consecutive days	
rt Inspection" and give your device to an authorized safety official	2
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
	our fleet manager to change o add exceptions.

**View HOS Rules** and Exceptions



## **Compliance Dashboard**

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

### H

#### **Current Status**

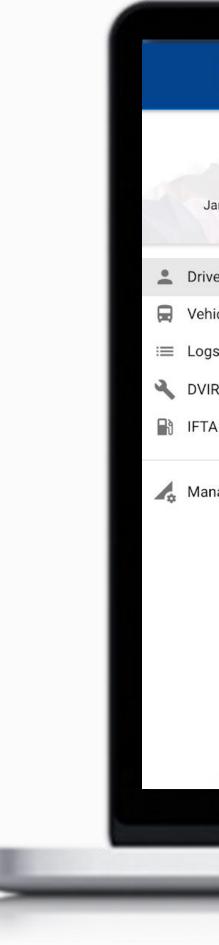
View currents statuses and locations of your drivers. Click on a driver to see details.

### **Real-Time Hours**

View real-time hours to avoid violations and regulatory fines

#### Violations

Monitor violations in real time and mitigate compliance risks



				0						
Jane Williams × NAME STATUS LOCATION VEHICLE BREAK DRIVE SHIFT O'CLE VIOLATIONS LAST ACTIVITY =   Drivers Mark Romery I. DIVING I. Im NE of Foley, DIVING Truck 16 PT809 06.34 09.34 12.17 08.34 I. Search 08.24 PM PST   Logs Mark Romery DIVING I. Im NE of Foley, DIVING Truck 16 PT809 06.34 09.34 12.17 08.34 I. Search 08.24 PM PST   Logs Mark Romery DIVING I. Im NE of Foley, Jan 24 Truck 16 PT809 06.34 09.34 12.17 08.34 I. Search 08.24 PM PST   IFTA Mare Romery DIVING I. Im NE of Foley, Jan 24 Truck 17 PT3026 05.12 08.12 11.00 67.12 Jan 24   Manage Image </th <th>ELD</th> <th><b>S</b></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>0</th>	ELD	<b>S</b>								0
NAME STATUS LOCATION VEHICLE BREAK DRIVE SHIFT CYCLE VIOLATIONS LASTACTIVITY =   Drivers Mark Romery Driving $\frac{1}{All}$ Smill E of Foley, BE24 PM PST Truck 16 PT809 06:34 09:34 12:17 68:34 Ge34 PM PST 08:24 PM PST   Logs Mark Romery Driving $\frac{1}{B24 PM PST}$ Truck 16 PT809 06:34 09:34 12:17 68:34 Ge34 PM PST 08:24 PM PST   VIRs Mark Romery Driving $\frac{1}{Barisburg, PA}$ Truck 19 PT3026 05:12 08:12 11:03 67:12 12:04	Jane Williams Y	Drivers								Refresh C
Vehicles Mark Romery Driving Smi NE of Foley, 0824 PM PST Truck 16 PT809 0634 0934 1217 6834 Cell 08:24 PM PST   Logs Vincent Jay PDriving Harrisburg, PA Jan 24 Truck 16 PT809 05:12 08:12 11:03 67:12 Mark Jan 24   IFTA Sam Roy Image Mark Minetonka, MN Jan 23 Truck 38 PT5049 08:00 11:00 14:00 27:36 Jan 24   Manage Digo Alvarez Image Image Image 06:00 01:00 01:00 01:00 PG 01:00				LOCATION	VEHICLE	BREAK	DRIVE	SHIFT	CYCLE	
DVIRs Vincent Jay Driving Harrisburg, PA Jan 24 Truck 1 PT3026 05:12 08:12 11:03 67:12 Jan 24   IFTA Sam Roy Image Imag		Mark Romery	Driving	AL	Truck 16 PT809	06:34	09:34	12:17	68:34	08:24 PM PST
Manage   Sam Roy   On Duty   Jan 23   Iruck 83 P1 S049   08:00   11:00   14:00   -27:36   Jan 24   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 24   Jan 24		Vincent Jay	Driving	Harrisburg, PA	Truck 1 PT3026	05:12	08:12	11:03	67:12	Jan 24
Manage Plego Alvarez Driving Pensacola, FL Jan 24 Truck 59 PT680 02:55 08:43 64:55 06:30 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 24 Jan 25   John Smith Off Duty 17.1 mi W of Andover, MN Truck 36 PT5027 -00:18 03:12 06:00 62:00 Jan 23	IFTA	Sam Roy	On Duty		Truck 83 PT5049	08:00	11:00	14:00	-27:36	Jan 24
Bogdan Titov   Driving   Gulfport, MS   Truck 97 PT12   00:53   03:53   06:30   62:53   Jan 22     John Smith   Off Duty   17.1 mi W of Andover, MN   Truck 36 PT5027   -00:18   03:12   06:00   62:00   Jan 23	Manage ~	Diego Alvarez	Driving	Pensacola, FL	Truck 59 PT680	02:55	05:55	08:43	64:55	Jan 25
John Smith   Off Duty   Andover, MN   Truck 36 PT5027   -00:18   03:12   06:00   62:00   Jan 23		Bogdan Titov	Driving	Gulfport, MS	Truck 97 PT12	00:53	03:53	06:30	62:53	Jan 22
		John Smith	Off Duty	Andover, MN	Truck 36 PT5027	-00:18	03:12	06:00	62:00	Jan 23





/incent Jay							
555-345-2345	∑ john@hos247.com	USA Property 70	hour / 8 day 🕑 La	st Update: JAN 21 4:00 PM	I EST		
lours of Servic	ce						
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							
> Map							
Recent Log	ATE	LIGHES	DROVE	DIST	ANCE		
Recent Log D	ATE	HOURS 2 hours	DROVE.	DIST. 378 mi	ANCE	VIOLATION	IS & ERRORS
Recent Log D		2 hours	7 8 9 10 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	378 mi		M 10.00 11 0.00	IS & ERRORS
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Recent Log D 11 Jan 2017 Last 14 Days	OFF 1	2 hours	7 8 9 10 11 9	378 mi	8 7 8 9 10 11 	M 10.00 0.00 2.03 10.50	
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Recent Log D 11 Jan 2017 Last 14 Days DA 10 Jan 2017		2 hours	7 8 9 10 11 9	378 mi		M 10.00 0.00 2.03 10.50	M
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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.



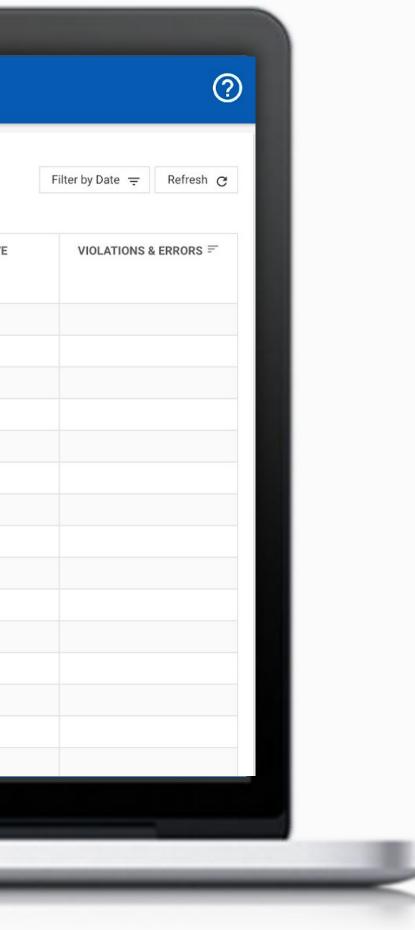
#### Details

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



Logs Make sure your drivers stay compliant and productive

		Ŷ		
ELD 🤇				
Jane Williams 🗸	Logs			
	DATE =	DRIVER	HOURS DROVE	MILES DROVE
L Drivers		Search		
Vehicles	Jan 24	Mark Romery	11	293
	Jan 24	Vincent Jay	10	374
E Logs	Jan 24	Sam Roy	11	356
DVIRs	Jan 24	Diego Alvarez	10	341
) IFTA	Jan 24	Bogdan Titov	11	328
0	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





#### 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
L John Smith 🕓 USA Property 70 hour / 8 day 🗸 Certified 🗸 No Violations	

#### Log Form

General							
Driver		John Smith		Co-Driver	Co-Driver		
Driver ID Driver Licence Driver Licence State		35742 D000034685038246741 CA		Co-Driver ID			
				ELD S/N		JDI577	4564
				ELD Malfund	ction Indicators	No	
Exempt Driver Status		No		Data Diagno	Data Diagnostic Indicators		
Unidentified Driving Records	í.	No					
Vehicles & Trailers							
VEHICLE	VIN		START EN	D ODOMETER	DISTANCE		START END
PT9393	ADR34	543F36DA6	39564 - 39	844	420 mi		758.2 - 765.7
TRAILERS	SHIPP	ING DOCS	CARRIER		MAIN OFFICE		HOME TERM
2320	12345	6	USA Truck	ing	10921 Excelsior Blvd, Hopkins MN 55343		10921 Excel 55343

#### Log

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

1912	17270	_		
17		<	>	
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ENGI	NE HOU	RS		
7				
INAL				
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				_
	NOTE	S		

# 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,

