

Rollingtrans RT ELD Plus-Accurate Plus SE ELD

User Guide

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1. Installation

1.1 Important Safety and Product Information

🔬 WARNING

Failure to heed the followings could result in an accident or collision resulting in death or serious injury.

Distraction Warning

This device and system is intended to enhance the situational awareness when used properly. If used improperly, you could become distracted by the display, which could lead to an accident serious personal injury or death. Only access the information displayed on the device with a glance. Always maintain awareness of your surroundings and do not stare at the display or become distracted by the display. Focusing on the display could cause you to miss obstacles or hazards. You assume sole responsibility and risk for using this system.

Vehicle Installation Warnings

- When installing the device in a vehicle, do not place the device where it obstructs the driver's view of the road or interferes with vehicle operating controls, such as the steering wheel, foot pedals or transmission levers...etc. Do not place unsecured on the vehicle dashboard. Do not place the device in front or above airbag
- If user use windshield mount to mount wireless device please be aware the windshield mount may not stay attached to the windshield in all circumstances. Please check the installation instruction of your windshield mount before installing it into your vehicle. Do not place the mount where it will become a distraction if it should become detached. Keep your windshield clean to help ensure the mount stays on the windshield.

1.2 System requirement

1.2.1 Hardware requirement

The following components are required for FMCSA compliant ELD rule

- ACCURATE ONE ELD Interpreter hardware
- Vehicle ECM (Engine Control Module) using SAE J1939, J1708 Protocol
- Connection Cable of 1939 9Pin, 1708 6Pin, and Custom OBD-II Cable for Volvo and Mack 2013+ model
- Android 5.0+ or iOS 9.0+ Smartphone or Tablet with 2G/3G/4G GSM data, Bluetooth, and GPS function
- Access to Rollingtrans ELD APP from Android Play Store[©] or iOS App Store[©]
- An activate Rollingtrans user account
- 1.2.2 Android and iOS system setting

For Android or iOS phone and Tablet, please always turn on following wireless function



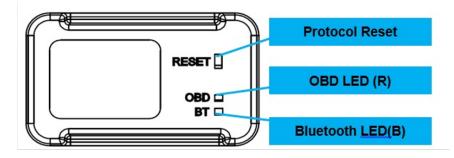
- 1. Mobile Data
- 2. Bluetooth
- 3. GPS Location

	Settings	۹
	Wireless & networks	Bluetooth
Mobile Data	▼ Wi-Fi 🔰 Bluet	woth
	Mobile networks 🔘 Data	usage
	••• More	
	Personal	
	Display	d & notification
	Security 🕓 Date	& time
	Language & input G Goog	le
GPS Location	Device	
	Location 🔚 Store	ige
	🗎 Battery 🍯 Apps	
	E Memory Luser	S



1.3 ELD interpreter

ELD interpreter is the ELD hardware device connect to your commercial vehicle's ECM. The interpreter captures your ECM J1939 or J1708 protocol and transfer ECM information to Wireless device on board. The functionality of each indicator LED as following.

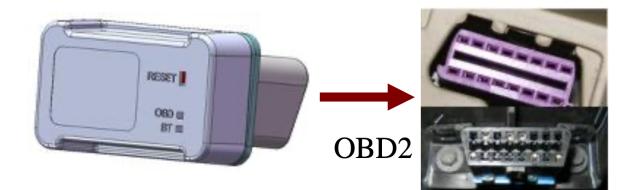


LED STATUS & Reset	
	OBDII Scan Protocol
	OBDII Bus connection
Reset	Reset Protocol

1.4 ECM to ELD Interpreter connection

The ELD Hardware interpreter use OBD-II port to connect to your vehicle's ECM.

ELD interpreter OBD-II connector





1.5 Bluetooth Connection

The ELD Hardware interpreter use Bluetooth wireless connection to your Smartphone or Tablet. From your Smartphone or Tablet go to **Bluetooth and choose the correct ELD**. Make sure you pair with correct ELD interpreter. You can find Bluetooth Device Serial Number on device label.



2 Main Menu

2.1 Bottom Tabs

In the Home Screen, there are four different main bottom tabs for HOS, DVIRs, eLogs, and Menu four main functions.

	D	river	• ELD
	RT.Driver01@r	ollingtrans.com	
HOS Dashboard			
HOS Rule			U.S. 70hr/8day -
Driving Hours Today			10:01:53
0n Duty Hours			12:23:32
On Duty Hours Current 8 day cy	cle		65:59:05
7.5 Break timer			
	-		
ft HOS	DVIRs	ELOGS	MENU

2.2 HOS (Home)

2.2.1 HOS main screen

HOS Dashboard shows you current driver ID, HOS rule, and your current Driving Hours, On Duty Hours, and current HOS Cycle remaining hours.



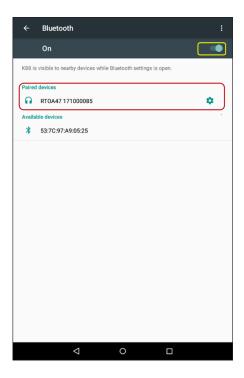
	Driver RT.Driver01@rollingtrans.com	• •••	Bluetooth connection
HOS Rule Dashboard	HOS Rule	U.S. 70hr/8day - 10:01:53	
	14 On Duty Hours Today 70 On Duty Hours Current 8 day cycle 75 Break timer	65:59:05	
HOS Tab	HOS DVIRs ELOGS	MENU MENU	

- 2.2.2 Bluetooth connection
 - 1. To pair ELD interpreter to your Phone or Tablet, please go to your iOS or Android SETTING → Bluetooth → Pair with your ACCURATE ONE ELD device.

Settings Blueto	ooth			
Bluetooth				
Now discoverable as "Gary's i	Phone".			
MY DEVICES				
RTOA47 171000085	Not Connected (i)			
RTSA12 171064992	Connected (i)			
JBL Clip+	Not Connected (i)			
vívoactive HR	Connected (i)			
OTHER DEVICES \hat{e}_{ps}^{Vec} To pair an Apple Watch with your iPhone, go to the Watch app.				

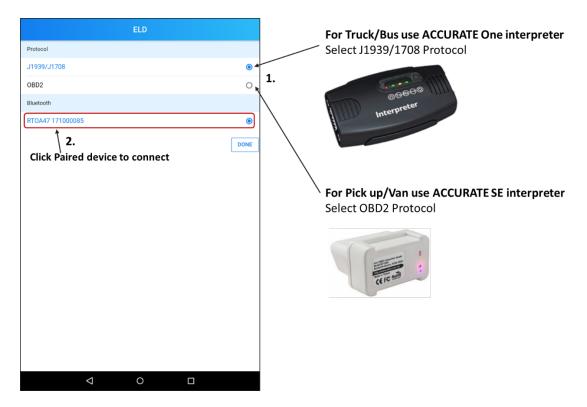
Apple iOS Bluetooth Pair

Android Bluetooth Pair





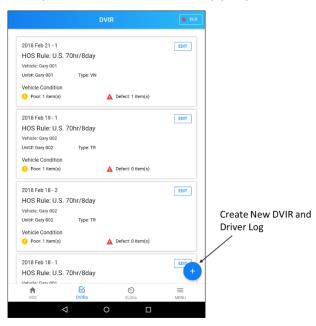
2. After pair ELD interpreter with your Phone or Tablet please go to Rollingtrans ELD App. Then click top right corner Bluetooth connection button to connect ELD Bluetooth device



2.3 DVIR

2.3.1 DVIR Summary

DVIR summary list can shows you daily vehicle condition and notify you poor condition and defect items.





2.3.2 DVIR Checklist

Check all your vehicle items and change the condition according to driver's daily vehicle inspection. Press **Finish** to finish then your inspection report and inspection result will automatically upload to cloud database.

	BUS CHECK ITE	MS on 2018 M	Mar 08
Good Oil			CHECK
Good COO	lant		CHECK
Good Leal	ting Under		CHECK
Lights			
Good Hea	d light		CHECK
Good Dasi	n lights		CHECK
Good Brak	e		CHECK
Good Turn	Indicators		CHECK
Good Clea	rance & Marker Light	ts	CHECK
Good Four	way Flasher		CHECK
Tire			
Good Righ	t Front		CHECK
Good Righ	t Rear		CHECK
Defect Left	Front		CHECK
Good Left	Rear		CHECK
Good Spar	e		CHECK
← BACK			FINISH
ft HOS	DVIRs	O ELOGS	I MENU
	\triangleleft	0	

2.4 ELOGs

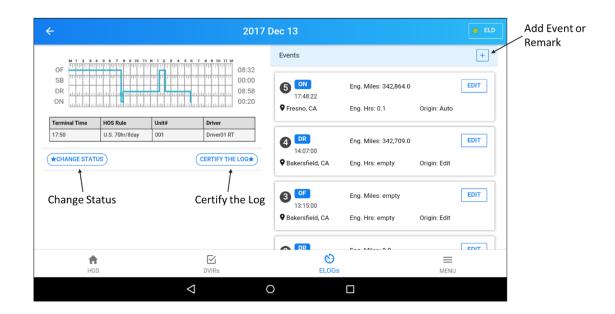
2.4.1 E Logbook Event

To Create a new log please start from DVIRs and create a new DVIR. Your new log for today will automatically create after you finish your DVIR.

To Operate your driver log just go to ELOGs Tab and select today's log

- Change Status: Click "CHANGE STATUS" and select your current status
- Add Remark: Click "+" button and Click "Remark"
- Add Event: Click "+" button and Click "EVENT"
- **EDIT Event**: Click "EDIT" and modify event contents.
- **Certify the Log**: At the end of the day, please don't forget to certify this log and verify your daily driving information.





2.5 Menu

In Menu Tab you can Add/Edit your account information. If you are owner you can modify Company, Driver, and Vehicle account. If you are using driver account, you can only View/Edit your own driver account information.

OG OUT					
fanagement COMPANY ACCOUNTS /EHICLES					
fanagement COMPANY ACCOUNTS /EHICLES					
COMPANY ACCOUNTS VEHICLES					
ACCOUNTS VEHICLES					
/EHICLES					
onnect					
lways On					
ION					
ouild 0154					
	DVIRs		ELOGS		MENU
	ways On ION uild 0154	ways On ON uilid 0154	ways On IoN uild 0154	ways On IoN uild 0154	ways On oN uild 0154



3 Account Setting

3.1 Driver

Driver must acquire the username and password from the fleet manager. Each driver will have unique username and password.

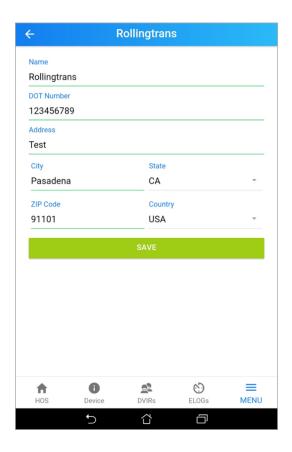
- 1. Enter your user id
- 2. Enter the password. The entered password will not be displayed
- 3. Click on Login button to login into RollingTrans app.
- 4. If the ELD app does not connect automatically, go to Home Screen, and check the Bluetooth icon if it is connected to appropriate ELD. Select the right ELD.
- 5. After your log in the App, please go to **Menu** \rightarrow **DRIVER** \rightarrow **Profile** to view driver's profile

	← RT.Driver01@rollingtrans.com
	Organization Rollingtrans
	Roles driver ~
Rollingtrans	Email RT.Driver01@rollingtrans.com
	FirstName Driver01
Email Address	LastName RT
Password	SAVE
LOGIN	
	↑ ● ● ■ HOS Device DVIRs ELOGS MENU
5 Å Ø	5 Č 🗗

3.2 ORG OWNER

- 1. Click **MENU→ ORG OWNER**
- 2. Enter the following information
 - Company Name
 - DOT Number
 - Company Address
- 3. After entering the information, click SAVE





3.3 Account

- 1. Click MENU→ ORG ORGANIZATION→ ACCOUNT
- 2. Click "+" to add a new driver



← ACC	OUNT			
gary@rollingtrans.com			MODIFY	
Patrick@rollingtrans.com			MODIFY	
Karen@rollingtrans.com			MODIFY	
RT.Driver01@rollingtrans.com	m		MODIFY	
albert2@rollingtrans.com			MODIFY	
Kurt@rollingtrans.com			MODIFY	
albert@rollingtrans.com			MODIFY	
nathan@rollingtrans.com			MODIFY	
Mark@rollingtrans.com			MODIFY	
Matt@rollingtrans.com			MODIFY	Click to Add
Gary.rt05@gmail.com			MODIFY	New ACCOUNT
			+	
	VIR s	ELOGS		
		ELUGS	MENU	

- 3. Enter the following information
- Organization (Default)
- Roles (driver or orgOwner)
- Email
- Password
- Confirm Password
- FirstName
- LastName
- 4. After entering information, click SAVE



÷	NE	W ACCOU	NT	
Organization Rollingtra				÷
Roles				*
Email				
Password	I			
Confirm P	assword			
FirstName	e			
LastName	9			
ft HOS	D evice	DVIRs	ELOGS	E MENU
	Ĵ		D	

3.4 Modify an Account

- 1. Next to the Driver's email, Click **OPTIONS**
- 2. Under Option: What do you want to do?
- 3. You can choose "Delete Account", "Update Account", or "Cancel"

gary@rollingtrans.com MODIFY Patrick@rollingtrans.com MODIFY Karen@rollingtrans.com MODIFY	
Karen@rollingtrans.com	
DT Delay 01 One Westerne and	
RT.Driver01@rollingtrans.com	
albert2@rollingtrans.com	
Kurt@rollingtrans.com	
albert@rollingtrans.com	
nathan@rollingtrans.com	
Mark@rollingtrans.com	
Matt@rollingtrans.com MODIFY	
Ge What do you want to do?	
Edit Account	
Suspend Account +	
Cancel	



3.5 Add a Vehicle

Click "+" to add a vehicle

- Enter the following information
- Organization (Default)
- Title
- Odometer
- Unit #
- Body Type
- Year
- Address
- Timezone

		VEHICLE				÷	В	us 004 (ES	ST)	
Unit #	Vehicle Nan	ne Body	Туре	Year		Organization	1			
)04	Bus 004 (E	ST)		2015		Rollingtra	ns			
				OPTIONS		Name				
003	Bus 003 (C	ST)		2012		Bus 004 (I	EST)			
				OPTIONS		Fleet				
20	Paul smilth			2015		Unit#				
				OPTIONS		004				
05	Truck 001 (PST)		2013		Body Type				
				OPTIONS		Bus				
006	Truck 002 (MST)		2011		Year				
				OPTIONS		Terminal				
007	Truck 003 (CST)		2008	Click to Add					
				OPTIONS	New Vehicle	Address				
008	Truck 004 (EST)		2015				State		
				OPTION +	l.	City		NY		
806	Prevost H3	45		2015				Count	гу	
				OPTIONS		ZIP Code		USA		
ft HOS	i Device	DVIRs	ELOGs	MENU		ft HOS	D evice	DVIRs	ELOGS	
nua				MENO		HU3				

Here below is iOS and Android City time zone reference chart for you to choose your terminal timezone.

City Time zone	Time Zone
America/ Halifax	Atlantic Time
America/ New_York	Eastern Time
America/ Chicago	Central Time
America/ Denver	Mountain Time
America/ Phoenix	Mountain Time (No daylight saving)
America/ Los_Angeles	Pacific Time
America/ Anchorage	Alaska Time



3.6 Modify a Vehicle

Choose your vehicle and click OPTIONS

Under What do you want to do? You can click "Delete vehicle", "Update vehicle", or "cancel".

4	÷	VEHI	CLE	
	Unit #	Vehicle Name	Body Type	Year
	004	Bus 004 (EST)		2015
				OPTIONS
	003	Bus 003 (CST)		2012
				OPTIONS
	20	Paul smilth		2015
				OPTIONS
	005	Truck 001 (PST)		2013
				OPTIONS
	006	Truck 002 (MST)		2011
				OPTIONS
	0 What do	you want to do?		
	。 Edit Veh	icle		J
	Suspend	d Vehicle		+
	1 Sold, Tra	ade In or Scrap		1
	Cancel			
	ŀ			IU
		t) (l		



4 E Logbook

4.1 **DVIR**

4.1.1 DVIR Item Checklist

The driver can View, Edit, or Delete, the signed DVIR

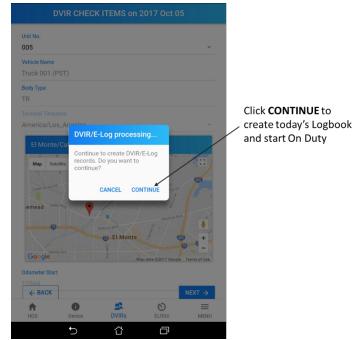
- 1. Click DVIR Tab → "+"
- 2. Check and choose the appropriate action
 - Company
 - Driver
 - Co-Driver (if required)
 - HOS Rule
- 3. Click Next

CHEC	K ITEMS
Company	
Rollingtrans/123456789	~
Driver	
Driver01 RT	·
Co-Driver	
	v
HOS	
U.S. 70hr/8day	*

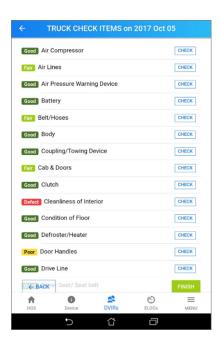


- 4. Choose your Unit #, body type and vehicle name. Then, verify the Timezone
- 5. Scroll the bar to the right next to Trailer. Select your trailer type and enter unit #
- 6. Verify the current position. Click Next
- Screen will shows Continue to create DVIR/E-log records. Do you want to continue? Click Continue. By click continue, the system will generate today's log and automatically create a On Duty event at this time





- At the BUS Check items, system will identify the condition of previous selection on the item. Define the rating → Click Confirm* If there is an issue on the item, enter the notes at Notes section
 - Good
 - Fair
 - Poor
 - Defect



- 9. After checking all items, click **FINISH**
- 10. Options: **Save DVIR** to Finish today's DVIR and the inspection result will upload to cloud database. If not, Click **Cancel**



4.2 ELogs

4.2.1 System Automatic Judgment

According to FMCSA ELD final rule, when ELD connect to the system, there will be four different status.

On Duty

• When engine is on, the status will be changed to ON or ON Duty

Driving

- When the driving speed is over 5 mph at least 30 seconds, the status will be changed to **DR** or **Driving**
- When the driving speed is below 5mph at least 5 minutes, system will show a reminder" Are you still driving?" You can press the Yes bottom to keep the status or press No or ignore for 1 minute to change the status to **On** or **On Duty**.

Off Duty

• When you are in the driving or on duty status and turn off the engine, the status will be changed to **Off** or **Off Duty**.

4.2.2 System Manual Status Change

If drivers need to manually change the status, Click Change Status

You can select the status on your own

- Off Duty
- Sleeper Berth
- Driving
- On Duty

Or Cancel

÷			2017	Oct 05		Λ
	11111111111111111111111111111111111111	N 1 2 8 4 6 6 7	а я 10 11 м пририри	Events		+
OF Construction of the second			09:44 09:44 00:00 08:01 00:24	OF Eng. Miles: 0 17:37:00 Eng. Hrs: empty		EDIT Origin: Edit
Terminal Time	HOS Rule	Unit#	Driver	California		
18:09	U.S. 70hr/8day	What is you SLEEPER E DRIVING ON DUTY	BERTH		npt sty	Origin: Edit
ft HOS		Cancel				MENU
		Ð				



4.2.3 Edit a Log

Drivers can edit the event by click the log that they want to edit

- 1. On the Event Type, you can select
 - OFF DUTY
 - SLEEPER BERTH
 - DRIVING
 - ON DUTY
- 2. After you select, click **OK** to save or **Cancel** to Return.
- 3. In the Notes Section, you can enter the information during the event.
- 4. Click Save

÷		Edit Event		
Event Type				DRIVING *
Event Time		Event Type		18:10
Notes		O OFF DUTY		
		O SLEEPER BERTH		DELETE SAVE
		DRIVING		
		O ON DUTY		
		CANCEL OK		
ft HOS	i Device	DVIRs	ELOGs	MENU
	¢		ō	

4.2.4 E Logbook ADD Event or Remark

Click "+" to add an Event or Rei

÷			2017	Oct 05					
OF Internet			7 6 9 19 11 M 10:05	Events					
SB TP	SB ^{phala} ininininininininininininininininininin			00:00			OF 17:37:00	Eng. Miles: 0	EDIT
ON Littlittlittlittlittlittlittlittlittlitt			Driver	El Monte, California	Eng. Hrs: empty	Origin: Edit			
18:29	U.S. 70hr/8day	005	Driver01 RT						
+CHANGE STA	TUS	CE		DR 14:19:00	Eng. Miles: empty	EDIT			
					Eng. Hrs: empty	Origin: Edit			
		You can ad	ld an event or rem	California					
		Event	2		npty	EDIT			
ft HOS		Remark)						
		Ð	í	\sim					



1. Add Event

Select and input following information to add event.

- Event Type
- Event Time
- Click **SAVE** to finish
- 2. Add Remark

To record your fuel fill-up for IFTA report, please click "+" \rightarrow **Remark** and then input following information

- Time: Input remark time
- Slide Fuel fill-ups toggle switch
- State: Your current State will be captured by GPS Location
- Fuel Type: Select your fuel type
- Unit Price \$/Gal
- Gallons
- Total
- Click SAVE to finish

;	Add Remark			
Time			14:13	Switch to enable key i
otes				Fuel fill-up informatio
Fuel fill-ups			-	
ocation California				
uel Type			Diesel -	
Jnit Price \$/Gal 3.399				
Sallon 250				
Total 849.75				
		DELETE	SAVE	
HOS Device	DVIRs	elogs		

4.2.5 Certify a Log

After you finish the day, you can click **CERTIFY THE LOG**.

1. First, you need to verify your driving log today. View/Edit to correct your log today and click "VERIFY"



20	17 Oct 05-	1	
08:01			
On Duty Time			
00:24			
HOS Rule			
U.S. 70hr/8day			
Driver Name			
Driver01 RT			
Co-Driver Name			
N.A			
Unit#			
005			
Starting Mileage			
256984			
Ending Mileage			
257641			
Total Mileage			
657			
Starting Eng Hours			
3647			
Ending Eng Hours			
3655			
CANCEL			VERIFY
f	$\overline{\mathbf{A}}$	Ū	

2. Then, System will need you confirm, "I hereby certify that my data entries and my record of duty status for this 24-hour period are true and correct". Click **Agree** to certify or **Cancel** to return.

			2017 (Oct 05		
OF OF	5 6 7 8 9 10 11		19 19 11 M	Events		+
Terminal Time 18:15	Hose and the second sec	nn felduru herbinde and de andre felduru herbinde andre de andre felduru herbinde andre de andre felduru herbinde unit Unit OOS	I hereby certify t entries and my t status for this 2 are true and cor	record of duty 4-hour period	Eng. Miles: 0 Eng. Hrs: empty Eng. Hrs: empty Eng. Hrs: empty	EDIT Origin: Edit EDIT Origin: Edit
Hos		i) Device	D VI	3 OF 13:07:00	Eng. Miles: empty	EDIT
		Ð	Ĺ	2		

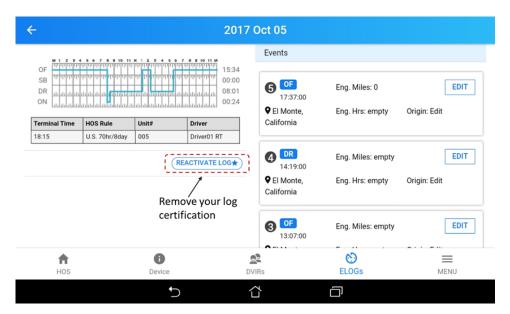
3. After you certify the log, if you want to edit your driver log again, please click "REACTIVATE LOG" to remove certification and edit your log.



4.2.6 Reactivate a Log

Click **REACTIVATE LOG** if

- You want to continue to record your driving log today.
- You want to edit the log



4.3 Edit and Modify the Log Record

Only assigned driver can edit the log and certify the log. Once you edited or modified the log, it will show the original log and modify version.

4.3.1 Driver and Carrier's Authority

Drivers have authorities to modify their own log during the current trip. Carrier also can modify the log after receiving permission from the driver. It will show the original and modified version for both drivers and carriers.

4.3.2 Edit a Log Record

Go to the log record need to modify, click edit to edit existing log and click add to add an log record in driver's log.

Please note, driver and owner have different authority to modify log record. The default setting, driver can only modify current day's log record.



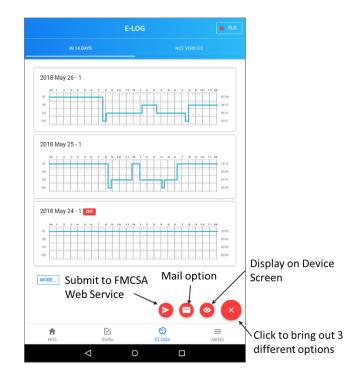
5 DOT Roadside Inspection Guide

5.1 Roadside inspection guide

When in contact with safety authorized officers or any other DOT roadside inspection, please follow the following procedures to provide your HOS record to safety authorized officer. There are three different option to provide your driver log record for inspection.

5.1.1 HOS record Inspection options

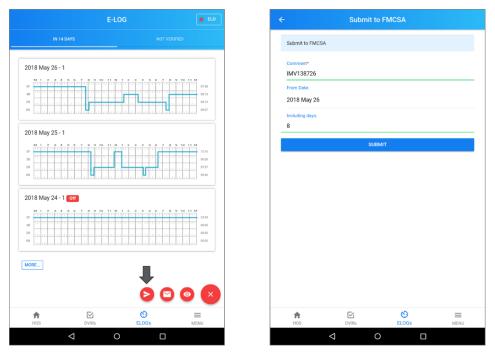
- 1. Submit to FMCSA Web Service
- 2. Mail HOS records to safety authorized officer's email
- 3. Display on the device





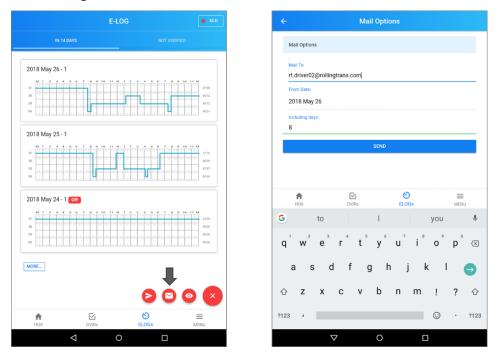
5.1.2 Submit to FMCSA Web Service

Click Submit to FMCSA Web Service button to submit your HOS record to FMCSA Web Service. Your Safety authorized officer might ask you to key in his/her inspection code in submit comments.



5.1.3 Mail Option

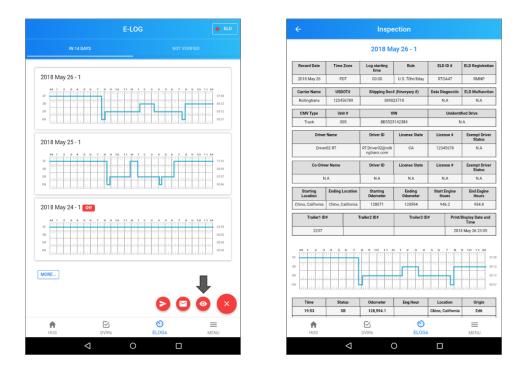
Click Mail option button and select date and including days to send your HOS record to Safety authorized officer's designated email address.





5.1.4 Display HOS Record on device screen

Click Display HOS record button, then you can display your past 8 days HOS record on your device screen for Safety authorized officer's inspection



5.2 Back-up Driver Log Data

Owner account of motor carrier has responsibility to export each driver's log record and store in your local storage location or any other place to back-up your drivers date. According to FMCSA ELD final rule ELD system provider will only back-up your driver's HOS Record for 6 months.



6 Appendix

6.1 Contacting Rollingtrans

Drivers should first contact their fleet manager in their motor carrier who owns ELD System App Owner account with any questions. Fleet manager may contact their Rollingtrans representative, when needed.



Email: Service@rollingtrans.com

Https://Rollingtrans.com

