



Alfa ELD iOS User Guide



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The eLog Mode

According to the FMCSA rules, starting from December 2019, drivers had to stop logging their time using AOBRD and switch to the ELD (Electronic Logging Device). The servers for every provider have changed as well; and if the synchronization was not too smooth, some of the past data could have been lost. If this is the case for you, please email us the paper version of the logbooks that were lost at Alfaelog@gmail.com and we will be glad to assist you with transferring the data.



Connected devices

The system provides a friendly interface for co-drivers. Co-drivers in our system are obligated to log in via the same application on the same device. Using two different devices with the same PT30 at the same time will only lead to losing the important data. If you are driving alone but still need to change the device, you need to perform the following steps:

- stop and check if the Upload Queue in the Settings is empty (if not, please re-check your connection and wait until all data is transferred);
- log out from the application on device #1;
- only after that - log in using device #2.

Status bars

Now you have logged in - you may see the main features:

 Top left corner three lines - sidebar;
 MD - malfunctions diagnosis (becomes red when there are any issues);



Truck - connecting to the truck;



Flag - selecting your country;

 Alfa E.

Your name - the name of the main driver;



Driver icons - menu for swapping/
logging in as co-drivers;



Summary - main menu with your statuses and time calculations;



Log LOG - your logbook, graphs, etc.;



Inspection INSPECTION - menu for inspections;



DVIR DVIR - shows you the IR data form;



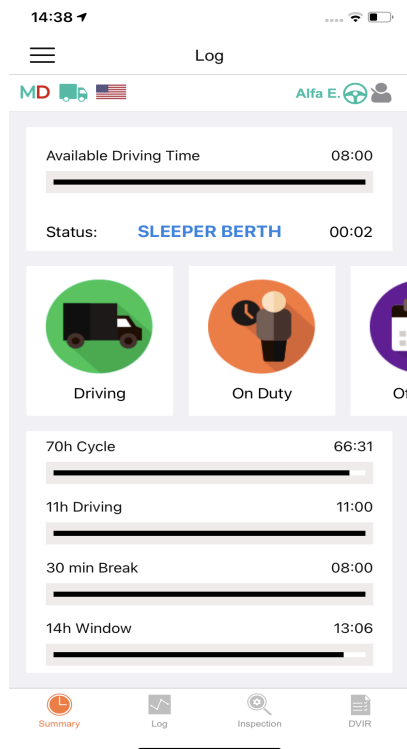
Statuses buttons - interface for changing the manual statuses or checking your current status;



7th Cycle	68:08
1st Driving	00:00
30 min Break	00:00
1st Window	11:00

HOS calculators - calculations of the time left.

ELD Malfunctions



When we check the malfunctions menu - we may face three different types of issues.

GPS signal issues are caused by the corrupted GPS signal and will be fixed once the internet and GPS connection is established correctly.

You may face *the Engine synchronization issues* when the ELD does not transfer the data regarding the odometer/engine hours/speed to the server. It may be fixed by sending the device to the mechanics for rewiring.

Data recording issues occur when the data gets stuck in the queue and does not get properly sent to the server. Such data should be deleted or rather pushed through again.

Power Compliance Malfunctions occurs when the vehicle moved at least 30 minutes during the last 24 hours with this issue. Such cases may be resolved by contacting the mechanic or motor carrier.

When the ELD fails to record Coordinated Universal Time (UTC), *Timing Malfunction Issue* occurs and it may be fixed automatically.

You may face the *Data Transfer Malfunctions* if the ELD fails to transmit required driving and vehicle data. To resolve this issue, check the Internet connection.

Off Duty - Personal Conveyance

The image shows two screenshots from a mobile application. The left screenshot is the 'Status' page, displaying a clock at 14:39 and a 'Log' button. It shows 'Available Driving Time' at 08:00 and 'Status' as 'OFF DUTY'. Below are three status options: 'Personal Use' (selected), 'Sleeper Berth', and 'D'. At the bottom, there are four icons: 'Summary', 'Log', 'Inspection', and 'DVIR'. The right screenshot is the 'Additional Info Required' screen, showing a clock at 17:18 and a 51% battery level. It displays 'SELECTED EVENT: Personal Use' and 'LOCATION DESCRIPTION: New York (NY) - United States'. The 'COMMENT' field contains 'Personal Use'. A 'Save' button is at the bottom.

PU (Personal Use) may be turned on on the Status page just like any other status. To perform it, you need to switch to such manual status as Off-Duty, and then select Personal Use below.

You may add a comment both when you are starting this event or ending it ('Clear' button) and save it.

The image shows two screenshots from a mobile application. The left screenshot is the 'Status' page, displaying a clock at 14:39 and a 'Log' button. It shows 'Available Driving Time' at 08:00 and 'Status' as 'PERSONAL USE'. Below are three status options: 'Personal Use' (selected), 'Sleeper Berth', and 'D'. A red 'Clear' button is visible. At the bottom, there are four icons: 'Summary', 'Log', 'Inspection', and 'DVIR'. The right screenshot is the 'Additional Info Required' screen, showing a clock at 16:07 and an 81% battery level. It displays 'Selected event: Cleared' and 'Location Description: State/Province: United States'. The 'COMMENT' field contains 'Cleared'. A 'Save' button is at the bottom.

On Duty - Yard Move

14:38 Log

MD Alfa E.

Available Driving Time 08:00

Status: **ON DUTY** 00:00

Yard Move Sleeper Berth

70h Cycle 66:31

11h Driving 11:00

30 min Break 08:00

14h Window 13:05

Summary Log Inspection DVIR

No SIM 17:28 56%

< Additional Info Required

SELECTED EVENT: **Yard Move**

LOCATION DESCRIPTION

STATE/PROVINCE United States

New York (NY) - United States

CITY

(2mi E) Newburgh

COMMENT: 9 / 60

Yard Move

Save

Yard Move privilege is used for driving at slow speed for small distances. It counts as the On Duty status so may be turned on only if the driver switches to the On Duty. The driver would have to click 'Yard Move' to select it. Then, the driver would have to click Clear to stop the Yard Move event. Both features may be provided with the comment from the driver in the corresponding section.

14:39 Log

MD Alfa E.

Available Driving Time 08:00

Status: **YARD MOVE** 00:00

Clear

70h Cycle 66:30

11h Driving 11:00

30 min Break 08:00

14h Window 13:04

Summary Log Inspection DVIR

No SIM 17:28 56%

< Additional Info Required

SELECTED EVENT: **Clear of Yard Move**

LOCATION DESCRIPTION

STATE/PROVINCE United States

New York (NY) - US

CITY

(2mi E) Newburgh

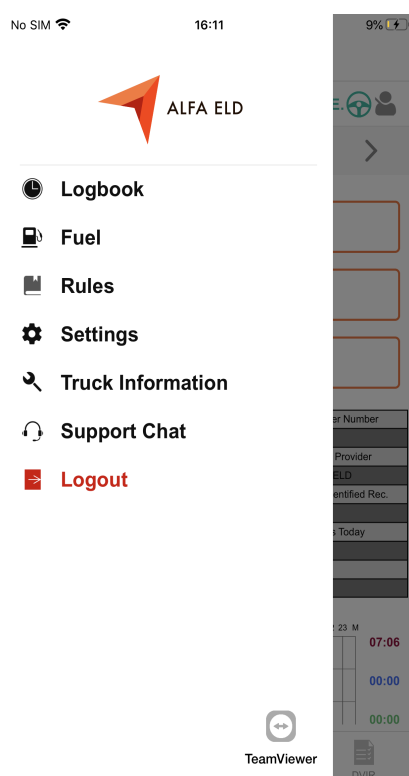
COMMENT: 0 / 60

Save

Getting stuck in driving status

If the truck does not completely stop before turning the ignition off - the signal will break and the ELD would not recognize the end of the driving event. Thus, in this case, the driver would face an issue of getting 'stuck' in the driving status. The resolution for that is simple - you will only need to re-start the truck and let the signal reach the servers, which will take only several seconds. The Statuses buttons will become active and you would be able to switch to any other manual status that is needed.

Side Menu



The side menu allows you to enter one of the following:

- LOGBOOK - main pages;
- FUEL - page for fuel purchases data;
- RULES - interface for selecting country rules and checking the remaining cycle;
- SETTINGS - settings page for the user;
- TRUCK INFORMATION - page for changing the truck data;
- CONTACT SUPPORT - chat with our Support team;
- LOGOUT.

Settings

No SIM 16:12 9%

Settings

MD Alfa E.

Current Driver
Alfa ELD

Co-Driver
Not logged in

Preferred Distance Unit
Miles

Time format
24-hour

Regain hours at midnight
Disabled

Disable 15 days
Disabled

Display time on Graph
Enabled

Show Fuel Purchases
Enabled

Adverse Driving
Can be used after Violation

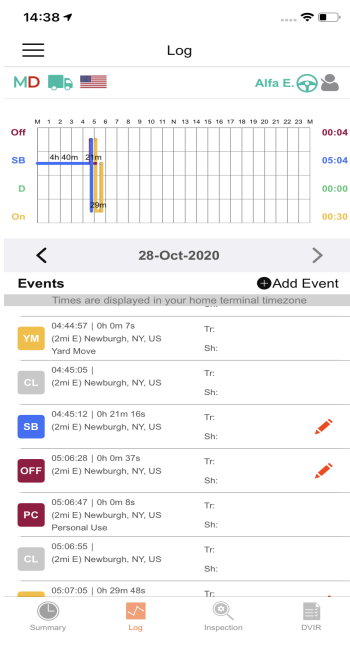
Update Signature

Change Theme
Light

App Language
English

FaceID/TouchID

Logs



The LOGS tab shows you the daily graph and the events from it listed and described in detail below. The data may be legally edited, though it only applies to the manual events that are missing or were added incorrectly. Each day may be viewed by clicking the <> buttons for navigation. Any missing event may be added with the Insert Event button and any incorrectly edited event may be edited.

Status abbreviations: ON (On duty), OFF (Off duty), PC (Personal Conveyance), CL (Clear), BC (Border Cross), D (Driving), YM (Yard Move), SB (Sleeper Berth).

Switching statuses

14:38 Log

MD Alfa E.

Available Driving Time 08:00

Status: **ON DUTY** 00:00

Yard Move Sleeper Berth

70h Cycle 66:31

11h Driving 11:00

30 min Break 08:00

14h Window 13:05

Summary Log Inspection DVIR

Additional Info Required

SELECTED EVENT: Driving

LOCATION DESCRIPTION

STATE/PROVINCE United States

New York (NY) - United States

CITY

((2mi E) Newburgh)

COMMENT: 0 / 60

TRAILER #:

SHIPPING #:

Save

In order to add the new status - you need to select it on the STATUS page. Once done, you need to fill the data - location (will be filled automatically but may be changed), shipping documents, trailer #, comment, etc. As per FMCSA, comments are obligatory in each case, and adding odometer data is obligatory after some events.

DOT Inspections and Transfer Data option

No SIM 17:40 61%

MD Alfa E.

27-Oct-2020

Last Certified: 27-Oct-2020 06:10:01

CERTIFY RECORDS (31)

UNIDENTIFIED RECORDS

START INSPECTION

Driver Name	Co-driver Name	Truck Number	Trailer Number
Alfa ELD	-	TestTruck1598543	
Odometer (mi.)	Engine Hours	Carrier	ELD Provider
630222.0	28.5	AppiumTestComp...	Alfa ELD
Shipping ID	Eld Exempt	Time Zone	Unidentified Rec.
	No	US/Pacific	0
USDOT #	24 Per. Start Time	Truck VIN	Miles Today
11597866514553	Midnight	11223344556677...	0
Current Location	License Number		
46.96634, 31.961134	1598545497520 - AL		

M 1 2 3 4 5 6 7 8 9 10 11 N 12 13 14 15 16 17 18 19 20 21 22 23 M

Off 07:10

SB 00:00

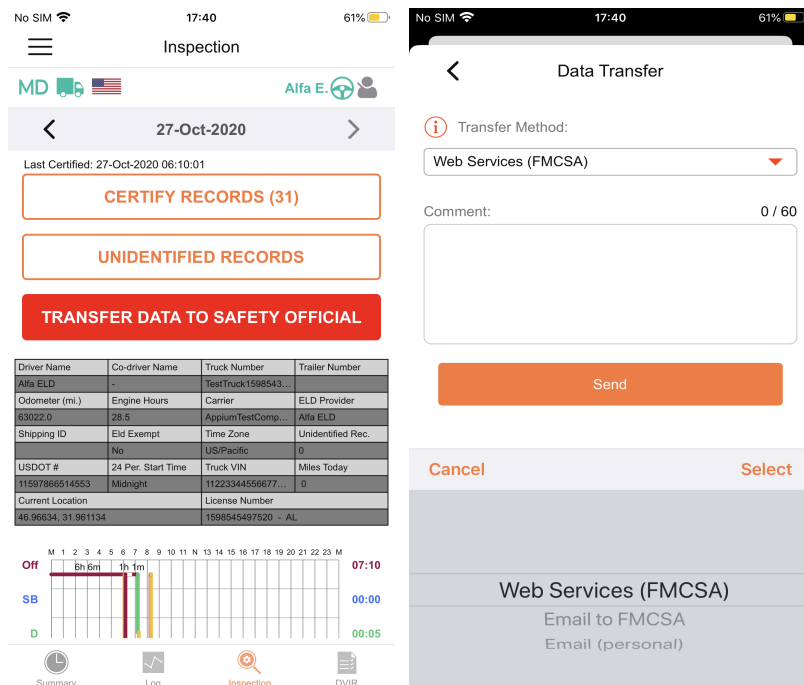
D 00:05

Summary Log Inspection DVIR

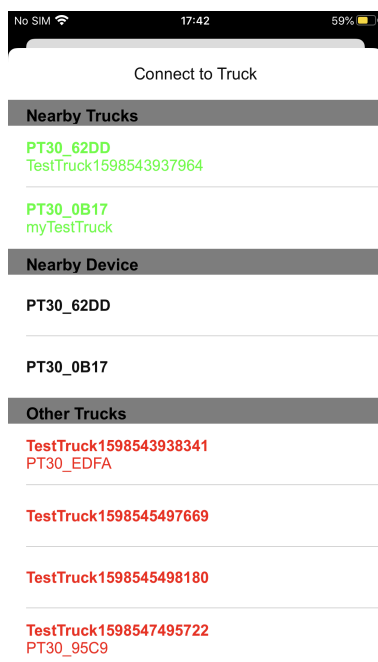
The DOT inspect tab has a summary of all your collected data, it will also show you the graph and the full data regarding truck readings: engine hours, odometer, etc. You may use this tab to transfer your data to

FMCSA during the DOT inspection, sign your logbooks, or view unidentified events.

When you choose the “Start Inspection” block and press it, you face several options in order to transfer Data to Safety Official such as: send the data to the email provided by the DOT inspector, send the data directly to the FMCSA server or to the FMCS email address.



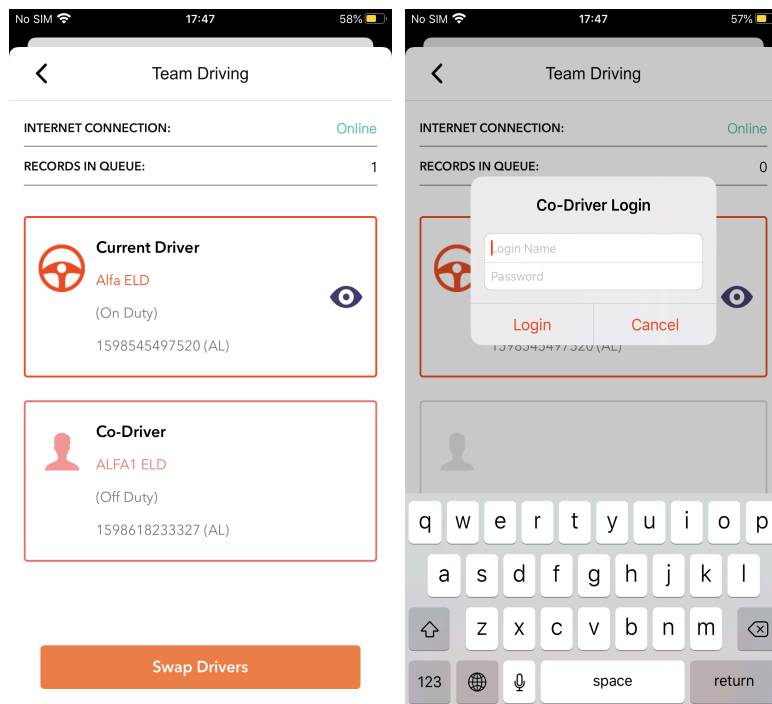
Connecting the application to the truck



Steps to perform to connect your device to the ELD:

- 1) Plug the ELD to the truck;
- 2) Turn on Bluetooth on your smartphone;
- 3) Click on the truck icon in the application;
- 4) Select your truck from the list.

Co-driving



Driving as a team makes it necessary to use one application and device for two drivers. The first driver logs in and clicks on the Drivers icon. After that, the second driver may enter their credentials and log in as well. After that, they both can use the application. In order to change the main driver in the application - you should click Swap drivers under the Drivers icon tab.