# DIGITALFLEET



Driver App Electronic Logging Device Feature Digitrack Version 8.5 User Manual



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# Login Procedure

Login Steps/Prompts	Driver Interaction					
Login Required Message	A login required message will be displayed if the vehicle begins to move and the driver has not logged into the application.					
	<image/>					
	• To remove the message, log in to the device.					
Login	<ol> <li>Select the Login button.</li> <li>Enter your driver ID.</li> <li>Select the Send button.</li> <li>Upon login validation, the login process begins.         <ul> <li>a. If a "Employee pin invalid" message is returned, verify your driver ID is correct and re-enter the driver ID.</li> <li>b. If a "Login Timeout" message is returned, verify a good data connection is available and re-enter driver ID.</li> </ul> </li> </ol>					

Select Duty Status	Upon successful login, the ELD will allow selection of the driver's duty status. Select the <b>Skip</b> button if you do not want to change your duty s at this time.					
	Truck# 8858 / Driver - Randy Travis Current Status - On Duty Host Driving Change Duty Status Select duty status to continue	SKIP				
	Off Duty	Sleeper Berth				
	On Duty Driving	On Duty Not Driving				
	Personal Use	Yard Move				
	=					
Driver Allowed Use Categories and Unidentified Driver Records Prompt	Following the Duty Status screen the ELD will display the driver's exemption status, authorized use categories, and if any unidentified driving records are associated with the ELD.					

	Tuck# 8859 / Driver - R. Travis         Currew Runka - Of Soft         ELD User Configuration         Fedurus Enabled for ELD User R. Travis         Image: No.         Personal Use Driving Category Enabled         Image: VES         VES         Unidentified Driver Records         Image: VES         Image: VES      <
Uncertified Records Prompt	After display of the driver's login info, a prompt will occur displaying any uncertified 24-hour period records for the driver. The current 24-hour period records will not be shown at this time.





. Selecting <b>Yes</b> will keep using the Personal Use design driver.	ation for the
. Selecting <b>No</b> will clear the Personal Use designation.	
. If no response occurs and the vehicle begins to move Use designation will be cleared.	, the Personal
a. This prompt also occurs after a power cycle o or tablet.	of the vehicle

# **Logout Procedure**

Logout Steps/Prompts	Driver Interaction					
Logout	1. Select the <b>Menu / Log Out</b> button on the Main HUD screen.					
	u= () t-					
	Waiting for address Previous truck					
	Time 10:42 AM					
	<ul> <li>Waiting for ticket information</li> <li>View Ticket History</li> <li>Off Duty</li> </ul>					
	R. Travis Menu / Log Out					
	CURRENT STATUS     NEXT STATUS     MESSAGES       Arrive Plant     0					
	III O <					
	2. Select the <b>Log Out</b> button on the intermediate page.					
Uncertified Records Prompt	Similar to the login procedure, it's required to notify the driver of any					
	uncertified driver records at logout. The pages and interactions are the same as during the login process.					

a= O
K Back
Driver Record - R. Travis Uncertified Records - 49 Records as of October 10, 2021 10:54 AM
Records to Certify Certify 49 Past Uncertified Records
Certification
ссятичу October 1, 2021
CONTRACT October 3, 2021
CONTRY October 4, 2021
Cotaminary October 5, 2021
CONTRACT October 6, 2021
III O <
To cortify the records:
1 Select the desired 24 hour paried to view the records
<ol> <li>Select the desired 24-hour period to view the records.</li> <li>Certification of the records is outlined in the Certification of FLD</li> </ol>
2. Certification of the records is outlined in the <b>Certification of ELD</b>
3 When the driver has finished certifying records or is not ready to
5. When the driver has missive certifying records, or is not ready to
If there are no uncertified records for the driver, a "No records to certify"
message will be shown and the page will close automatically in five
seconds.



<ul> <li>Selecting No will keep the current Duty Status and finish loout.</li> </ul>	ogging
--	--------

## Viewing and Manually Updating Driver Duty Statuses

On the Main HUD screen the **Duty Status** button shows the driver's current Duty Status.

	MITTE 🔿 k					
Waiting for address 			Previous truck			
			Time 10:42 AM			
Waiting for tick View Ticket						
			R. Travis Menu / Log Out			
CURRENT STATUS Arrive Plant	NEXT STATUS		MESSAGES 0			
	0	<				

When the vehicle is stopped, selecting the **Duty Status** button allows for manual updating of the driver's Duty Status. After login, the driver must manually select the driver's current Duty Status (ex. On Duty Not Driving) if it is different from the last selected Duty Status.

🕻 Back			
Truck# 8858 / Driver - ELD Test Current Status - Off Duty			
Change Duty Status Select duty status to continue			
Status			
Off Dut	y	Sleeper B	erth
On Duty Dr	iving	On Duty Not	Driving
Personal	Use	Yard Mo	ve
	(		

If available for the driver, selection of the Personal Use and/or Yard Move designations will also be available in the Duty Status list.

The selection of the Personal Use or Yard Move designations require a reason for the selection. When either are selected, an input page will open. The driver must enter a reason between 4 and 60 characters. If the driver does not enter a reason, the designation will not be selected.

ann () an										
<b>Contract Back</b> Enter the reason for duty status change										
	Entered	text should	d be at lea	st 4 chara	cters long!					Ок
1	2	3	4	5	6	7	8	9	0	ê
Q	W	Е	R	Т	Y	U	1	0	Ρ	
А	S	D	F	G	Н	J	К	L	1	@
±	Ζ	Х	С	V	В	Ν	М	,	De	
123	Space . ! ? Done					one				
		1	11		0		<	<		

If the Personal Use or Yard Move designation was incorrectly selected, select the **Back** button in the top left corner of the page.

When the driver is going Off Duty, it is important to manually update the Duty Status to Off Duty prior to logging off. If the driver does not properly switch the Duty Status to Off Duty, the driver's hours will show as On Duty Not Driving after 5 minutes of the vehicle being stopped. This will result in incorrect driver hours that may impact the driver's available drive time.

## **Automatic Driver Duty Status Updates**

The following criteria are the only allowed conditions that will trigger automatic updating of the driver's Duty Status. All other updates of the driver's Duty Status must be manually selected by the driver.

Automatic Duty Status Change	Criteria		
Changes logged in driver's Duty Status to On Duty Driving	<ol> <li>Driver is logged in.</li> <li>Current Duty Status is not On Duty Driving.</li> <li>Vehicle begins to move (vehicle speed &gt; 5 mph).</li> </ol>		

Changes logged in driver's Duty Status to On Duty Not Driving	<ol> <li>Driver is logged in.</li> <li>Current Duty Status is On Duty Driving.</li> <li>Vehicle has stopped (vehicle speed = 0 mph for 3 consecutive seconds) for 5 consecutive minutes.</li> <li>"Still Driving" prompt is displayed to the driver.</li> </ol>
	Waiting for address   Vehicle isn't moving.   Please confirm if you're still driving.   DUTY STATUS   Not Driving   Still Driving   Not Driving   CURRENT STATUS   In Service     NEXT STATUS   In Service     Image: Comparison of the status     Image: Comparison of the status
	<ol> <li>If the driver does not respond to the "Still Driving" prompt within 1 minute, the prompt will close and initiate the duty status change.</li> </ol>
Changes unidentified driver profile's Duty Status to On Duty Driving	<ol> <li>No driver is logged in.</li> <li>Current Duty Status is not On Duty Driving.</li> <li>Vehicle begins to move (vehicle speed &gt; 5 mph).</li> </ol>
Changes unidentified driver profile's Duty Status to On Duty Not Driving	<ol> <li>No driver is logged in.</li> <li>Current Duty Status is On Duty Driving.</li> <li>Vehicle has stopped (vehicle speed = 0 mph for 3 consecutive seconds) for 5 consecutive minute.s</li> <li>"Still Driving" prompt is displayed to the driver.</li> <li>If the driver does not respond to the "Still Driving" prompt within 1 minute, the prompt will close and initiate duty status change.</li> </ol>

## Interacting with "Still Driving" prompt

Driver Action	System Response
Driver selects "Still Driving" button	<ol> <li>Sends message to stay in On Duty Driving Duty Status.</li> <li>ELD record is created with On Duty Driving Duty Status.</li> <li>Duty Status will stay in On Duty Driving until the driver manually changes it or the vehicle has another stop</li> </ol>

		event in the future that triggers the prompt.
Driver selects "Not Driving" button	1. 2. 3.	Sends message to change Duty Status On Duty Not Driving. ELD record is created with On Duty Not Driving Duty Status. Duty Status will stay in On Duty Not Driving until the driver manually changes it or the vehicle begins to move.
Driver does not respond to the prompt within one minute	1. 2. 3.	Prompt will close. ELD record is created with On Duty Not Driving Duty Status. Duty Status will stay as On Duty Not Driving until the driver manually changes it or the vehicle begins to move.

## **Displaying of ELD Records**

Access the *ELD* page from the *Main* page by selecting the **Menu / Log Out** button and selecting the **ELD** button on the menu page.



Select the **Header**, **Duty Graph**, or **ELD Records** buttons to view, or display to an enforcement agent, the driver information for the current 24-hour period and the previous seven days.



#### Header

The header section displays a collection of driver, vehicle, motor carrier, and ELD provider information required to be displayed at the request of an enforcement agent during a roadside inspection. This information includes:

**Driver Information**: Driver Name, Driver ID, Driver License Number, Driver License State, Co-Driver, Co-Driver ID, Exempt Driver Status

*Vehicle Information*: Truck Tractor ID, Truck Tractor VIN, Trailer ID, Current Odometer, Current Engine Hours, Current Location

Motor Carrier Information: Carrier, US DOT #, Shipping ID, 24-Hour Period Starting Time

**ELD Information**: ELD ID, ELD Provider, Unidentified Driving Records, Malfunction Indicators, Data Diagnostic Status

Select the < and > buttons to scroll between days.



## **Duty Graph**

The Duty Graph displays the required graphical display of each Duty Status change for the displayed 24-hour period with a running time total for each. All Personal Use and Yard Move designations are shown as a dashed line with a PC or YM abbreviation. Select the < and > buttons to scroll between days.



#### **ELD Records**

The ELD Records show each recorded ELD event for the driver. Select the < and > buttons to scroll between days.

			= () <b>1</b> -				
🕻 Back	ELD records	8858					
<		Sun, C	october 10		>		
	Location	Odometer	Eng Hours	Event / Status	Origin		
10:07 AM	1.0 mile(s) SW of Elmwood Park, IL	123520	4434.0	ON DUTY NOT DRIVING	SYSTEM		
10:07 AM	1.0 mile(s) SW of Elmwood Park, IL		-1.0	DRIVER LOGIN	SYSTEM		
10:08	1.0 mile(s) SW of	-1	-10		SVSTEM	$\sim$	
AM	Elmwood Park, IL		-1.0		STSTEM		
					Create a	record	
			0	<			

Within the *ELD Records* page, it is also possible to edit and create ELD records. For further details, proceed to the *Editing of ELD Records* and *Creating an ELD Record* sections.

## **Unidentified Driver Records**

#### **Viewing Unidentified Driver Records**

On the *ELD Records* page, select the **Unidentified Driver Records** button to view any unidentified driver records.

A notification will also be present on the *ELD* page when there are unidentified driver records. Selecting the **Unidentified Driver Records** button will open the *ELD Records* page. The driver should review unidentified records for each day when the notification is present.



## **Claiming of Unidentified Driver Records**

To claim one or more records, select the desired record or records. When a record is selected, a blue outline will appear around the record and the **Claim** button will become visible. Select the **Claim** button in the top right corner of the page to claim the record for yourself. When the claiming process is complete, the records will be removed from the Unidentified Driver Records and added to the driver records.

	<	Bac	k	Unidentified	Driver Re	cords			
Tr Cu	<b>'ruck#</b> urrent Sta	8858 / atus - Off	Drive Duty	r - R. Travis					
	Unic Currer	<b>lentif</b> nt Unide	ied D	Driver Records					CLAIM
	Time		Locati		Odometer	Engine Hours	Status	Origin	View
					Sun, C	October 10			
	9:21 /	AM			123520	4434.0	DIAGNOSTIC LOGGED	SYSTEM	<u>Details</u>
	9:21 /	AM			123520	4434.0	DIAGNOSTIC LOGGED	SYSTEM	<u>Details</u>
	9:21	AM	1.0 mi	ile(s) SW of Elmwood Park,	123520	4434.0	LOG HIGH	SYSTEM	Details
						0	<		

## **Reviewing Uncertified Driver Records**

Access the *ELD* page from the *Main* page by selecting the **Menu / Log Out** button and selecting the **ELD** button on the menu page.

Select the **Uncertified Records** button to review and accept the driver's uncertified 24-hour period records.

The Uncertified Records page contains a list of each 24-hour period that contains uncertified records.

	Marri () has		
🕻 Back			
Driver Record - R. Travis Uncertified Records - 49 Records as of October 10, 2021 4:21 PM			
Records to Certify Certify 49 Past Uncertified Records		NOT READY TO CERTIFY	
Certification			
CCCODER 1, 2021			
CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC			
CORTINY October 4, 2021			
October 5, 2021			
CERTIFY October 6, 2021			
	0	<	

If there are no uncertified records for the driver, a "No records to certify" message will appear and the page will close automatically in five seconds. The page is further described in the *Login Procedure* section.

## **Certification of ELD Records**

On login and logout, a prompt occurs to identify uncertified 24-hour period records. To view the 24-hour period record, select the appropriate 24-hour period. To exit the list of uncertified records, select the **Not Ready To Certify** button at the top of the page.

When ready to certify the 24-hour period records, select the **Agree** button at the bottom of the record list. When **Agree** is selected, the driver is certifying all records for the entire 24-hour period are correct and agreeing to the following statement:

# "I hereby certify that my data entries and my record of duty status for this 24-hour period are true and correct."

If the 24-hour period is incorrect or the driver is not ready to certify the record, edit the incorrect records as needed or select the **Not Ready** button at the bottom of the record list to return to the list of uncertified 24-hour periods.

				maa () re-			
< в	ack	Certify	ELD Re	cords: No	ovember 29	, 2017	
			Odometer	Eng Hours		Origin	
7:06 PM	0 mile Elmwo	e(s) NW of od Park, IL	152096	11.0	Power Up High Precision	System	^
7:07 PM	0 mile( Elmwo	s) WNW of od Park, IL	152096	11.0	On Duty Driving	System	13/17
7:10 PM	1 mile Elmwo	e(s) SW of od Park, IL	152096	11.0	Power Down High Precision	System	
I hereby certi	y that my d	ata entries and m	y record of duty	status for this 2	4-hour period are true	e and correct	
				Not	Ready Agi	ree C	reate a record

#### **Records Edited by Authorized Non-Driver**

Authorized driver support staff are allowed to edit specific ELD records for all drivers. Any record that has been edited in this way will be outlined in yellow on the 24-hour period record page and show an Origin of Authorized User.

				same () her			
< в	ack	Certify	ELD Re	cords: Oc	ctober 18, 2	017	
		Location		Eng Hours			
9:03 PM	1 mile Elmwo	e(s) SW of ood Park, IL	21000	2000.0	On Duty Driving	Authorize d User	^
9:58 PM	1 mile Elmwo	e(s) SW of ood Park, IL	0	0.0	Logout	Driver	<b>5</b> /5
9:58 PM	1 mile Elmwo	e(s) SW of ood Park, IL	0	0.0	Logout	Authorize d User	~
I hereby certi	fy that my d	ata entries and m	y record of duty	status for this 2	4-hour period are tru	e and correct	
				Not	Ready Ag	ree Cr	eate a record

Selecting one of these records will give the driver the option to reject a record or comment on the edited record. Select the **Comment** button to add a description or comment to the record.

#### **Accepting Non-Driver Edited Records**

When these edits are made, the driver can accept the change by selecting the **Agree** button for the 24-hour period the record is associated with. This will mark the record as driver certified.

#### **Rejecting Records**

An authorized non-driver edit can be rejected by selecting the edited record and selecting the **Reject a record** button that is displayed. When a record is selected, the record will be outlined in blue.

				um () re			
< В	ack	Certify	ELD Re	cords: Od	ctober 18, 2	017	
Time	Lo	cation	Odometer	Eng Hours	Event / Status	Origin	
9:03 PM	1 mile Elmwo	(s) SW of od Park, IL	21000	2000.0	On Duty Driving	Authorize d User	
9:58 PM	1 mile Elmwo	(s) SW of od Park, IL	0	0.0	Logout	Driver	5/5
9:58 PM	1 mile Elmwo	(s) SW of od Park, IL	0	0.0	Logout	Authorize d User	
hereby certif	y that my da	ata entries and m	y record of duty	status for this 2	4-hour period are true	e and correct	
View	Reje	ct a record	d Comr	ment		Сг	reate a record

To reject multiple non-driver edited records at once, select all records to reject and select the **Reject #** records button.

When a driver rejects the record, it is noted as rejected in the driver ELD Records and the authorized support staff may edit further if desired.

#### **Definition of Event/Status**

The displayed values in the Event/Status column correspond to the following:

*Login/Logout*: Time driver logged in or out of the application. *Power Up/Power Down High Precision*: Time vehicle was powered on or powered off. *Off Duty/Sleeper Berth/On Duty Driving/On Duty Not Driving*: Time driver's duty status was changed. *Personal Use/Yard Move*: Time driver selected a special drive time usage designation.

*Normal Driving Usage*: Time driver selected to end special drive time usage designation.

*Int Location High Precision*: Time a required periodic record was created. At a minimum a record is required every 60 minutes. If no records have been created in that timeframe, an intermittent log is created.

*Data Diagnostic Logged/Malfunction Logged*: Time a data diagnostic or malfunction event was detected.

*Data Diagnostic Cleared/Malfunction Cleared*: Time a data diagnostic or malfunction event was no longer present.

*Certification #*: Time the driver certified a 24-hour period records and accepted the records as true and accurate.

## **Definition of Origin**

The displayed values in the Origin column corresponds to the following:

**Driver**: Driver manually created or edited the record. **System**: System automatically created the record. **Authorized User**: An authorized support personnel created or edited the record.

# Adding/Updating Shipping Document Number

## Motor Carriers using a Digital Fleet integrated dispatch system

When the motor carrier's dispatch system is integrated with the Digital Fleet platform, the provided ticket number will be used to automatically populate the shipping document number when a vehicle is assigned a ticket. When the shipping document number is automatically populated, the driver may edit the Truck Name, Trailer ID, and shipping document number for each ELD Record created through the normal editing process outlined in the *Editing an ELD Record* section.

## Motor Carriers not using a Digital Fleet integrated dispatch system

If the motor carrier does not assign tickets for the vehicle through an integrated system, the shipping document number can be manually added/updated from the *ELD* page.

On the *ELD* page, select the **Shipping Document #** button and enter the new shipping document number in the input field.



The shipping document number shown on this page will be used for all records going forward until the shipping document number is updated by the driver. The driver may edit the shipping document number for each individual ELD Record as needed through the normal editing process outlined in the *Editing an ELD Record* section.

## **Updating Trailer**

On the *ELD* page, select the **Trailer #** button and enter the new trailer name in the input field.



**NOTE:** If a valid trailer name is not found in the system, an error message will be returned. New trailers must be added through the web application and cannot be created from the driver tablet application.

## **Creating an ELD Record**

Within the *ELD Records*, or *Uncertified Records* page, select the **Create a record** button.

<b>く</b> B	ack c	ertify ELD	Records:	Novemb	er 29, 201	7
		n Odom	eter Eng Hou		Status Orig	
7:06 PM	0 mile(s) N Elmwood Pa	W of 1520 ark, IL	196 11.0	Power U Precis	lp High sion Syste	em
7:07 PM	0 mile(s) WM Elmwood Pa	IW of 1520 ark, IL	196 11.0	On D Driv	uty Syste	em 13/17
7:10 PM	1 mile(s) S Elmwood Pa	W of ark, IL 1520	96 11.0	Power High Pre	Down ecision Syste	em
hereby certif	y that my data entr	ies and my record o	of duty status for t	his 24-hour peric	d are true and corr	rect
			N	ot Ready	Agree	Create a record

This will open a window to input required information.



*Duty Status*: The drop down menu contains the selectable Duty Statues. By default, the current Duty Status is selected.

*Date*: By default, the date uses the date associated with the *ELD Record* page and can be changed by selecting the field.

*Time*: By default, the time is the current device time and can be changed by selecting the field. *Truck Name*: Truck name should match the ELD Truck Name. If a valid truck name is not found in the system, the record will not be recorded.

				1100 O 1-1				
К В	ack	<				Nov 27	>	
ELD Re	ecord	The updat		s unsi	ucce			
	3 mile Chi	truck coul 'ELD.CW12	d be 23'	found		the name		
	3 mile Chi					ОК	$\mathbf{\vee}$	
	3 mile Chica							
				tified D	river l			
		Þ		0				

Trailer Number: Optional field for any associated trailer numbers.

*Engine Hours*: Accepts numbers to one decimal place between 0 and 1,000,000.

*Mileage*: Accepts whole numbers between 0 and 1,000,000.

*Location*: The entered location should be the physical location of the vehicle at the date/time of the record.. (i.e. Chicago, IL)

After all fields are entered select the **Comment** button to provide a reason for the new record. The comment must be 4-60 characters in length. When complete, select the **OK** button to finish creating the ELD record.



## **Editing of ELD Records**

Within the *ELD Records* or *Uncertified Records* page, selecting a record will display the **View**, **Edit**, and **Comment** buttons. The **Edit** button will only be displayed for records that can be edited. Selecting the **Edit** button will open a window similar to the create an ELD record window with editable fields.



Update the desired fields as needed. When complete, select the **Comment** button to provide a reason for editing the record. The comment must be 4-60 characters in length. After the comment is provided, select the **OK** button to finish editing the ELD record.

## Adding a Comment to an ELD Record

Within the *ELD Records* or *Uncertified Records* page, selecting a record will display the View, Edit and Comment buttons. To add a comment to a record, select the desired record and the Comment button that is displayed.



Enter the desired comment and select the **OK** button to save the comment to the ELD record. The comment has a 60 character length limitation.

## **Data Transfer of ELD Records**

The driver's ELD records can be transmitted to an enforcement agent, or to a personal email, through selection of the **Transfer ELD Records** button on the **ELD** page.

When the **Transfer ELD records** button is selected, the **Transfer ELD Records** page will open and allow for the entry of an output file comment, selection of the transfer mechanism, initiation of the data transfer and ability to send the driver records to a personal email account.



When sending records to an enforcement agent, select the data transfer mechanism (Web Services or Email) specified by the agent and enter any required output file comment as needed. When the data transfer mechanism checkbox is selected, the **Transfer Records to FMCSA** button will become available. After all required information has been entered, select the **Transfer Records to FMCSA** button to initiate the data transfer.

If sending the driver ELD records to a personal email, enter an output file comment if desired and select the optional **Enter Personal Email** button. Enter the driver's desired email address and select the **Send** button to compile the driver's records for transfer to the specified email.

								() her										
<	Ba	ck		Enter Personal Email to Send Your Records to Yourself Entered text should be at least 1 characters long!														
															2	Ser	nd	
	1	2		3	4	1	5	(	б	7	7	8	}	ç	9	C	)	
	Q	W	'	E	F	2	Т	`	Y	ι	J	I		(	)	F	þ	
	ŀ	4	S	[	)	F		G	ŀ	1	,	J	ł	<	l	-		
	Z	Z	Х	(	2	V	′	В	1	١	Ν	М			•	×		
	Car	ice					sp	ace	e					(	Ď	?	?	

## **Self Monitoring Functionality**

For compliance with FMCSA Section 49 CFR 395.8 Subpart B, the ELD must perform self monitoring of its data streams and provide notifications when a hardware issue or data inconsistency is identified. The notifications occur in two classes defined by the severity and required action of the event. The less severe class is a Data Diagnostic Event and does not always require driver action. The more severe class is a Malfunction Event that requires driver and motor carrier action.

When a Data Diagnostic or Malfunction Event is first identified, an ELD Record is created. A second ELD Record is created when the Data Diagnostic or Malfunction Event clears. Additionally, all ELD Records created while a Data Diagnostic or Malfunction Event is present will be appropriately marked.

## Data Diagnostic Event Driver Response

Data Diagnostic Events normally identify a preliminary issue with data collection or prolonged unidentified driving times.

When a Data Diagnostic Event is identified, the **Duty Status** button on the Main page will be highlighted yellow.



The Data Diagnostic Event information can be accessed through the **Duty Status** button or from within the ELD menu. When in either page, a yellow highlighted button labeled Data Diagnostic will be viewable at the top of the page.





Selecting this button will open the *Data Diagnostic* page for description of the current issue(s). When a Data Diagnostic Event condition stops occurring, the Data Diagnostic Event will be automatically cleared. If the condition persists, it may trigger a Malfunction Event.

🕻 Back	Data Diagnosti	cs			
Truck# 8858 / Driv Current Status - On Duty N	v <b>er - Randy Travis</b> lot Driving				
Data Diagno	ostics				
Description			Start Time		
Engine Synchro	nization Compliance		10 October 2021 14:49 CDT		
_					
		0	<		
		_			

#### **Power Data Diagnostic Event**

When the ELD has identified the power requirement has been temporarily violated. The Power Data Diagnostic icon will be displayed.

A Power Data Diagnostic Event identifies a temporary violation of the ELD power requirement. If the condition continues for a prolonged time (30 minutes over a 24 hour period), a Power Malfunction Event will be recorded.

No action is required if the Power Data Diagnostic Event is reported sporadically and clears within a few minutes.

If the Power Data Diagnostic Event recurs frequently (daily or multiple times in one day), notify the ELD support personnel of the consistent Power Data Diagnostic Events.

#### **Engine Synchronization Data Diagnostic Event**

When the ELD has identified the engine synchronization requirement has been temporarily violated. The Engine Synchronization Data Diagnostic icon will be displayed.

An Engine Synchronization Data Diagnostic Event identifies a temporary violation of the ELD engine synchronization requirement. If the condition continues for a prolonged time (30 minutes over a 24 hour period), an Engine Synchronization Malfunction Event will be recorded.

No action is required if the Engine Synchronization Data Diagnostic Event is reported sporadically and clears within a few minutes.

If the Engine Synchronization Data Diagnostic Event recurs frequently (daily or multiple times in one day), notify the ELD support personnel of the consistent Engine Synchronization Data Diagnostic Events.

#### **Missing Required Data Elements Data Diagnostic Event**

When the ELD has identified data elements (time of day, odometer, engine hours, etc.) are missing from one or more ELD records, the Missing Required Data Elements Data Diagnostic icon will be displayed.

A Missing Required Data Elements Data Diagnostic Event identifies a required value was not included when an ELD record was created. The Missing Required Data Elements Data Diagnostic Event will be automatically cleared once the issue limiting the proper recording of the data elements is resolved.

To keep the ELD Records as accurate as possible during a Missing Required Data Elements Data Diagnostic Event, the driver should perform the following:

1. Review and identify any ELD Records that contain empty data fields.

2. If applicable, and the information is known, manually edit the impacted ELD Records with the missing data.

#### Data Transfer Data Diagnostic Event

When the ELD has identified a failure in the data transfer mechanism, the Data Transfer Data Diagnostic icon will be displayed.

A Data Transfer Data Diagnostic Event will automatically trigger a higher frequency for testing the data transfer mechanism. Once the issue preventing transferring the data is resolved, the Data Transfer Data Diagnostic Event will be automatically cleared. If the issue persists, a Data Transfer Malfunction Event will be recorded.

No action is required by the driver.

#### **Unidentified Driving Records Data Diagnostic Event**

When the ELD has recorded unidentified driver records for the vehicle exceed 30 minutes of driving in a 24-hour period, the Unidentified Driver Records Data Diagnostic icon will be displayed.

Selecting the icon will open the *Unidentified Records* page for viewing and claiming of the records. Once the Unidentified Driver Records have been claimed, the Unidentified Driving Records Data Diagnostic Event will be cleared.

The Unidentified Driver Records section has additional details on viewing and claiming these records.

## **Malfunction Event Driver Response**

Malfunction Events are normally a prolonged Data Diagnostic Event identifying potential hardware or software issues.

For all Malfunction Events, the driver is required to perform the following actions:

- 1. Provide a written notification of the malfunction event to a company ELD support personnel within 24 hours of the event occurring.
  - a. Once the ELD support personnel are notified, the motor carrier has eight days to repair, replace, or service the ELD unless the motor carrier applies for a repair extension.
- 2. During the ELD downtime, the driver must keep paper logs of their hours of service.

It is also recommended to review all relevant ELD Records for accuracy and make edits as needed.

When a Malfunction Event is identified, a Malfunction Icon  $\blacksquare$  will appear in the upper right corner of all pages.



The Malfunction Event information can be accessed through the **Duty Status** button or from within the ELD menu. When in either page, a red highlighted button labeled Malfunction will be viewable at the top of the page.





Selecting this button will open the *Malfunction Event* page for description of the current issue. When a Malfunction Event condition stops occurring, the Malfunction Event will be automatically cleared.

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Malfunctions 1 Alert	S			
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Engine Synchro	nization Compliance Malfunction Ev	rent	10 October 2021 14:49 CDT	
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#### **Power Compliance Malfunction**

When the Power Data Diagnostic Event has persisted for 30 minutes or more over a 24-hour period, a Power Compliance Malfunction Event will be logged.

When a Power Compliance Malfunction Event occurs, the driver will need to perform the following actions:

- 1. Provide written notification to their carrier within 24 hours of the event.
- 2. Keep paper logs of the driver's hours of service records.
- 3. Review and correct their ELD Records as needed.

Once the issue has been corrected, the Power Compliance Malfunction will be automatically cleared.

#### **Engine Synchronization Compliance Malfunction**

When the Engine Synchronization Data Diagnostic Event has persisted for 30 minutes or more over a 24-hour period, an Engine Synchronization Compliance Malfunction Event will be logged.

When an Engine Synchronization Compliance Malfunction Event occurs, the driver will need to perform the following actions:

- 1. Provide written notification to their carrier within 24 hours of the event.
- 2. Keep paper logs of the driver's hours of service records.
- 3. Review and correct their ELD Records as needed.

Once the issue has been corrected, the Engine Synchronization Compliance Malfunction will be automatically cleared.

#### **Timing Compliance Malfunction**

When the ELD has identified the device timing is greater than 10 minutes from Coordinated Universal Time (UTC), a Timing Compliance Malfunction Event will be logged.

When a Timing Compliance Malfunction Event occurs, the driver will need to perform the following actions:

- 1. Provide written notification to their carrier within 24 hours of the event.
- 2. Keep paper logs of the driver's hours of service records.
- 3. Review and correct their ELD Records as needed.

Once the issue has been corrected, the Timing Compliance Malfunction will be automatically cleared.

## **Position Compliance Malfunction**

An ELD is required to remain position accurate to within +/- 0.5 miles and must provide a GPS position for every five miles traveled. When the ELD has identified the current position data does not meet these requirements, a Position Compliance Malfunction Event will be logged.

When a Position Compliance Malfunction Event occurs, the driver will need to perform the following actions:

- Back < **Update Location** Update Location Location Unknown 3 5 7 8 9 1 2 4 6 0 Е Т Υ U 0 Ρ Q W R S F Н J Κ L А D G Ζ Х С V В Ν Μ X ? Cancel space
- 1. Manually input location data when prompted by the ELD.

- 2. Provide written notification to their carrier within 24 hours of the event.
- 3. Keep paper logs of the driver's hours of service records.
- 4. Review and correct their ELD Records as needed.

Once the issue has been corrected, the Position Compliance Malfunction will be automatically cleared.

#### **Data Recording Compliance Malfunction**

When the ELD has identified the device is unable to record or retain required events or retrieve recorded logs, a Data Recording Compliance Malfunction Event will be logged.

When a Data Recording Compliance Malfunction Event occurs, the driver will need to perform the following actions:

- 1. Recreate the driver's hours of service, including duty graph, for the current 24-hour period and the previous 7 days.
- 2. Provide written notification to their carrier within 24 hours of the event.
- 3. Keep paper logs of the driver's hours of service records.
- 4. Review and correct their ELD Records as needed.

Once the issue has been corrected, the Data Recording Compliance Malfunction will be automatically cleared.

#### **Data Transfer Compliance Malfunction**

An ELD is required to test the data transfer function every seven days. If the ELD fails the test and required subsequent tests, a Data Transfer Compliance Malfunction Event will be logged. At this time, the Data Transfer Compliance Malfunction will be displayed.

When a Data Transfer Compliance Malfunction Event occurs, the driver will need to perform the following actions:

- 1. Provide written notification to their carrier within 24 hours of the event.
- 2. Review and correct their ELD Records as needed.

Once the issue has been corrected, the Data Transfer Compliance Malfunction will be automatically cleared.

## **Team Driving**

To accommodate team driving, a co-driver can log in through the **Team Driver** button in the ELD menu. Once the co-driver has logged in, the co-driver will be able to review their ELD records and transfer driving duties between the driver and co-driver.



## **Co-driver Log In**

If no co-driver is logged in, selecting the Team Driver button will ask for the co-driver pin to log in.

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Upon successful login, the *Team Driver* page will be available.

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#### **Viewing Co-driver Records**

To view the co-driver records, select the **Records** button when in the **Team Driver** page. From within the **Records** page, the co-driver will be able to view, edit, and create records. More information on editing and creating ELD records is available in the

If the vehicle is moving and a co-driver is already logged, the co-driver records can be accessed by selecting the **Co-driver Records** button on the Map page.



## **Swap Driving Responsibilities**

When the vehicle is stopped, the driving responsibilities can be swapped from the driver to the co-driver by selecting the **Swap Driver** button on the **Team Driver** page.

## **Co-driver Log Out**

The co-driver can log out by selecting the **Log Out Co-Driver** button on the *Team Driver* page or will be automatically logged out when the driver logs out of the application.