CORETEX DRIVE

ELD Quick Reference
Coretex DRIVE Dashboard

Vehicle (current) · Driver (current) · Burndown time gauge · ELD MENU (Driver Logs) · Action links · Dashboard menu

Co-Driver (signed in)

Add to Dashboard apps

Dashboard tiles

Access to apps · CHANGE STATUS bar · Rules and Availability · Information cards (alert notifications) · Card type
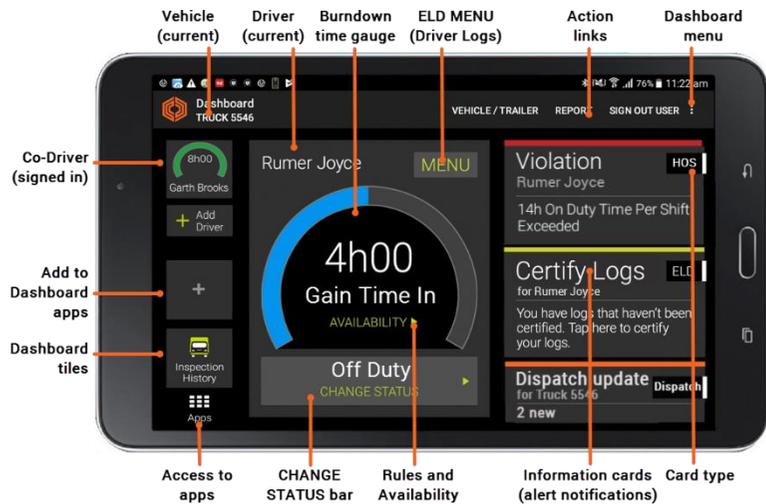
Viewing Driver Logs

1 Header with totals for date displayed
2 All *On Duty*, *Off Duty*, *Driving*, *Sleeper Berth* hours are displayed in green with Personal Conveyance and *Yard Moves* displayed in yellow – daily totals displayed on right
3 Indicates when log for displayed date was certified
4 View and accept *Unidentified Driver Records* for currently selected vehicle
5 Begin a *Roadside Inspection* (if requested)
6 Email *Driver Log* to driver's personal email address

1 Scroll down for a detail view of *Duty Status* changes
2 Tap to display all ELD events
3 Mandatory missing data displayed in brown

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Roadside Inspection

If an FMCSA agent asks you to present your driver logs, be prepared to allow the Safety Officer to examine and/or transfer the logs to FMCSA.

Begin Roadside Inspection

From the **Coretex DRIVE** *dashboard*:

- tap **MENU > View Logs** to present your Driver Logs
- tap **ROADSIDE INSPECTION** and hand the mobile device to the Safety Officer
- view current and previous seven days of log events (using **Previous Day**, **Next Day** buttons) and scroll up and down to view both graph and event details

Unidentified Driver Events

From the Roadside Inspection *screen*:

- tap **UNIDENTIFIED** to view the *Unidentified Driver Records* for the currently selected vehicle
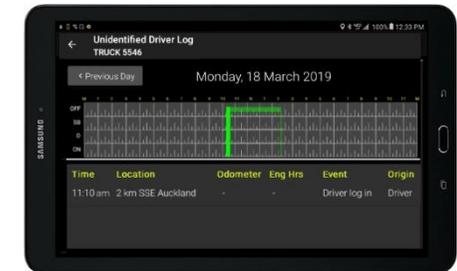
Data transfer

From the Roadside Inspection *screen*:

- tap **DATA TRANSFER** to initiate transfer of the Driver Log file
- tap either **Web Service** or **Email** as the transfer method and enter a comment
- tap **Send** to export and transfer the file to FMCSA
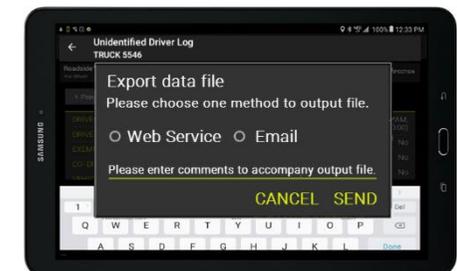
Dealing with Data Diagnostics and Malfunction events

Data Diagnostic Events

These events occur are when your ELD detects a data inconsistency.

You must follow the recommendation of the motor carrier and ELD provider (i.e. Coretex) to resolve the inconsistency.

Data Diagnostic Codes

Code	Event	Causes	Troubleshooting	Corrective Action
1	Power data diagnostic	• ELD was unable to connect to vehicle within 60 seconds • the vehicle has ignition off and the TMU is in *Sleep* mode • *Bluetooth* is not enabled or *Airplane mode* is enabled	• verify correct vehicle is selected and ignition shows ON • verify Bluetooth is enabled • tap the *Dashboard Menu > Diagnostics* and verify the TMU is configured AND connected • on the *Diagnostic* screen, verify ignition shows ON	• tap on the card to dismiss • verify your daily logs are complete and correct for current and previous seven days • if error persists contact Coretex Support
2	Engine synchronization data diagnostic	• TMU is not correctly configured to read ECM data • there is an ECM malfunction	• tap the *Dashboard Menu > Diagnostics* and verify the TMU is configured AND connected • on the *Diagnostic* screen, verify *Ignition* shows ON and *Odometer* is displayed	If the error persists, contact Coretex Support. (there may be a Bluetooth issue, or a wiring/ configuration issue related to the TMU/ECM connection).
3	Missing required data elements data diagnostic	• GPS antenna failure • ELD *Sign In* attempt while in a building and unable to get a GPS lock • TMU recorded a status event while the vehicle was selected but is unable to read the *Odometer* or *Engine Hours*	• tap the *ELD Menu > View Logs* and verify that recent events show a *Location*, an *Engine Hours* and an *Odometer* value	• tap on the card to navigate to the event with missing data (the event will be highlighted in a different color) • tap on the event to add the missing information and resolve the event
4	Data transfer data diagnostic	• poor or no cellular coverage when on a trip • *Airplane mode* is enabled	• verify the cellular signal is available • verify that *Airplane mode* is disabled	• enable *Bluetooth* • disable *Airplane* mode • restart the mobile device • *Sign out* and *Sign in* • if the error persists contact Coretex Support
5	Unidentified driving records data diagnostic	• vehicle was used by driver without the driver signing into **Coretex DRIVE** • *Bluetooth* connection failed • **Coretex DRIVE** app failed	Always *Sign in* and select the vehicle in **Coretex DRIVE** before using the vehicle.	• tap on the *Unidentified Driver* card to review • accept all records that belong to you

The information card will clear when all records have been either accepted by yourself, or rejected (outstanding unidentified driving records will automatically be rejected after you *Sign Out).*

Malfunction Events

These events occur are when your ELD detects technical compliance issues.

You must:
• notify the motor carrier within 24 hours
• if the malfunction persists, reconstruct a paper record duty status for the current 24 hours and the last seven days
• keep paper logs until the ELD unit is serviced and brought back into compliance
• repair, replace, or service the ELD unit within eight days

Malfunction Codes

Code	Event	Causes	Troubleshooting	Corrective Action
P	Power compliance malfunction	• more than 30 mins of driving time lost in a 24 hour period (e.g. TMU disconnected)	*Before leaving the yard, ensure the TMU is connected by:* • tapping *Dashboard Menu > Diagnostics* and verify the TMU is configured AND connected	Contact Coretex Support (the TMU is likely to be offline or was unplugged for service).
E	Engine synchronization compliance malfunction	• TMU not correctly configured to read ECM data • vehicle does not support CAN protocols	• tap the *Dashboard Menu > Diagnostics* and verify that the TMU is configured AND connected. • on the *Diagnostic* screen, verify that *Ignition* shows ON and that *Odometer* is displayed	• verify *Airplane* mode is disabled • verify *Bluetooth* is enabled • restart the mobile device • if the error persists, contact Coretex Support
T	Timing compliance malfunction	• mobile device is not set to automatic time synchronization • GPS signal is unavailable	• always set the mobile device to use automatic time synchronization • tap the *Dashboard Menu > Diagnostics* and verify that the TMU is configured AND connected • on the *Diagnostic* screen, valid *Latitude* and *Longitude* co-ordinates are displayed for Position (indicating GPS signal)	• go to the mobile device's Android Settings and ensure that date/time is set to automatic time synchronization • if the error persists, contact Coretex Support
L	Positioning compliance malfunction	• antenna failure	• tap on *Dashboard Menu > Diagnostics* from the ELD dashboard and verify *Position* shows valid Latitude/Longitude co-ordinates	• replace the antenna or contact Coretex Support
R	Data recording compliance malfunction	• memory or ELD performance issues	Contact Coretex Support.	Contact Coretex Support.
S	Data transfer compliance malfunction	• poor or no cellular coverage when on a trip • *Airplane* mode is enabled	*Verify that:* • cellular signal is available • *Airplane* mode is disabled	• disable Airplane mode • restart mobile device • if the error persists, contact Coretex Support