




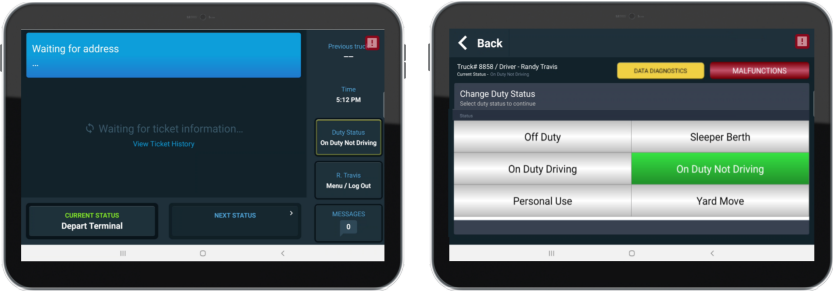
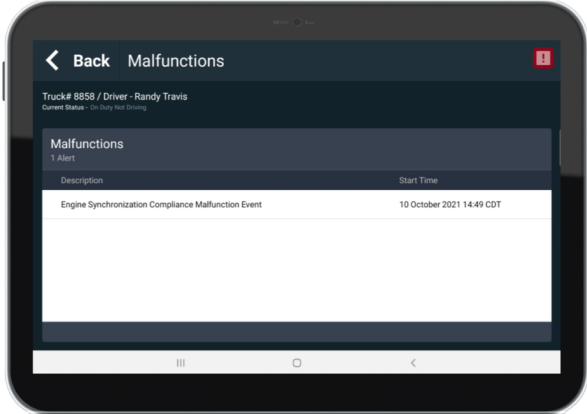
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Malfunction Icon and Identifier

When the ELD has identified a malfunction is occurring, the driver application will show an icon  in the top right corner of each screen. Additionally, the **Duty Status** screen and **ELD menu** screen will display the Malfunction button



. The active Malfunctions can be viewed in the Malfunction screen.

<h3>Access Malfunction Screen</h3> <ol style="list-style-type: none">1. Select the  icon or the  button on the Duty Status/ELD menu screens. <p>Note: The Malfunction screen can only be accessed when the vehicle is stopped.</p>	
<h3>Review Malfunction Screen</h3> <ol style="list-style-type: none">1. Within the Malfunction screen, the active Malfunction(s) will be listed.2. The data and time listed is the start time of the event.3. Malfunctions will automatically clear after the issue has not been present for 24 hours.	

Driver Responsibilities when ELD Malfunction is Present

1. Note the malfunction and provide written notice of the malfunction to the motor carrier within 24 hours.
2. Manually prepare a record of duty status until the Malfunction has been repaired.
3. For any malfunction that impacts retrieval of the driver records from the ELD, the record of duty status for the current 24-hour period and the previous 7 consecutive days must be reconstructed.
 - a. The records must be recorded on graph-grid paper logs that comply with FMCSA §395.8.

Driver Inspections During an ELD Malfunction

1. When a driver is inspected for hours of service compliance during an ELD malfunction, the driver must provide the authorized safety official the driver's records of duty status manually kept.

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Table 1: Malfunction Events and Driver Responsibility

Malfunction Description	Required Driver Action
<p>Power Compliance: An ELD must monitor the data it receives from the engine ECM or alternative sources, and data record history to identify instances when it might not have complied with the power requirements.</p>	<ol style="list-style-type: none"> 1. Note the malfunction and provide a written notification to your motor carrier within 24 hours. 2. Manually keep paper logs of your hours of service records until the Malfunction is cleared. 3. Review and correct your ELD Records as needed.
<p>Engine Synchronization Compliance: An ELD must set an engine synchronization compliance malfunction, if connectivity to any of the required data sources is lost for more than 30 minutes during a 24-hour period aggregated across all driver profiles.</p>	<ol style="list-style-type: none"> 1. Note the malfunction and provide a written notification to your motor carrier within 24 hours. 2. Manually keep paper logs of your hours of service records until the Malfunction is cleared. 3. Review and correct your ELD Records as needed.
<p>Timing Compliance: The ELD must periodically cross-check its time with an external UTC source, and must record a timing compliance malfunction when it can no longer meet the underlying timing requirement of less than 10 minutes' time deviation.</p>	<ol style="list-style-type: none"> 1. Note the malfunction and provide a written notification to your motor carrier within 24 hours. 2. Manually keep paper logs of your hours of service records until the Malfunction is cleared. 3. Review and correct your ELD Records as needed.
<p>Positioning Compliance: An ELD must monitor elapsed time during periods when the ELD fails to acquire a valid position measurement within five miles of the CMV's movement. When such elapsed time exceeds a cumulative 60 minutes over a 24-hour period, the ELD must set and record a positioning compliance malfunction.</p>	<ol style="list-style-type: none"> 1. Note the malfunction and provide a written notification to your motor carrier within 24 hours. 2. Manually keep paper logs of your hours of service records until the Malfunction is cleared. 3. Manually input location data when prompted by the ELD. <div data-bbox="873 1335 1370 1692" data-label="Image"> </div> <ol style="list-style-type: none"> 4. Review and correct your ELD Records as needed.

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Malfunction Description	Required Driver Action
<p>Data Recording Compliance: An ELD must monitor its storage capacity and integrity and must detect a data recording compliance malfunction if it can no longer record or retain required events, or retrieve recorded logs that are not otherwise cataloged remotely by the motor carrier.</p>	<ol style="list-style-type: none">1. Note the malfunction and provide a written notification to your motor carrier within 24 hours.2. Recreate the driver's hours of service, including duty graph, for the current 24-hour period and the previous 7 days.3. Manually keep paper logs of your hours of service records until the Malfunction is cleared.4. Review and correct your ELD Records as needed.
<p>Data Transfer Compliance: After an ELD records a data transfer data diagnostic event, the ELD must increase the frequency of the monitoring function to check at least once every 24-hour period. If the ELD stays in the unconfirmed data transfer mode following the next three consecutive monitoring checks, the ELD must detect a data transfer compliance malfunction.</p>	<ol style="list-style-type: none">1. Note the malfunction and provide a written notification to your motor carrier within 24 hours.2. Review and correct your ELD Records as needed.