BITEC ELD

ELD System

BITEC ELD solution ensures FMCSA compliance and delivers superior safety and productivity for any fleet
Compliance Monitoring
Monitor your drivers' hours of service logs and DVIRs.
Receive alerts to prevent violations.

Fleet Tracking
Track your vehicles in real time and view their location history.

IFTA reporting
Automatic IFTA state mileage reporting saves you time and money.

Access Permissions
Manage permissions for fleet managers, compliance officers, drivers, accountants, brokers and customers.

Automatic HOS
Automatic hours of service calculation and violation alerts.
Automatic recording of driving time, miles and locations.

DOT Inspection Mode
Simply show logs on your phone or tablet.
No printer needed.

Multiple HOS Rules
Compliant with multiple HOS rules including Property/Passenger 60-hour/7-day & 70-hour/8-day.

Electronic DVIR
Vehicle inspection reports are created and submitted in seconds.

Main Features
ELD Compliance and much more
Simply plug Electronic Logging Device into a vehicle ECM port and start recording driving hours and miles automatically.

Logbook app connects to Electronic Logging Device via bluetooth and displays recorded driving time to a driver.

ELD & App work great with most tablets and smartphones. Use your own or purchase devices and data plans from us.
Install & Connect ELD

ELDs are installed within minutes

- **Locate ECM (diagnostic) port**
  Locate ECM (diagnostic) port inside of your vehicle. Look for 9-pin or 6-pin circular ports in heavy duty vehicles. Look for OBDII port in light/medium duty vehicles.

- **Install ELD**
  Simply plug the provided cable into a vehicle ECM (diagnostic) and attach the other end to the ELD device. The dual fastener is provided for dash mounting.

- **Log into ELD Logbook App**
  Log in to ELD Logbook App on your tablet/smartphone with a username and password created during a sign up process or provided by a fleet manager.

- **Connect ELD**
  Select a vehicle from a list of available vehicles and your device will attempt to connect to ELD via Bluetooth. Green Bluetooth indicator at the top right corner means you are ready to start using ELD.
Visual notifications and sound warnings help you to avoid hours of service violations and stay compliant.

**Warnings**
- Available driving hours, required breaks, on-duty limits and required off-duty time are calculated automatically.
- Visual notifications and sound warnings help you to avoid hours of service violations and stay compliant.

**Driving with ELD**
- Once ELD connected, your driving time will be captured automatically.
- Once your vehicle is moving at 5 mph or more, your duty status is switched to Driving.
- Your logs and others features are not available while in Driving mode due to safety reasons.
- Once your vehicle is stopped, you may change your duty status by tapping on the status circle. The app will remind you to make a selection in 5 minutes. If no selection is made, your duty status will be switched to On Duty.
Duty Status

Set duty status with just two-clicks. Status is updated automatically when driving starts or stops. Easy-to-use interface allows drivers to spend less time doing paperwork and more time driving. ELD simplifies training and prevents log errors.

Current duty status is always displayed on Status page inside of status circle along with available or reset hours.

Change Status

Tap the status circle, select your current status, add a note if necessary (i.e. pre-trip inspection) and press "Update" button.

Personal/yard

Personal Use Off-duty and Yard Move On-Duty statuses must be configured and allowed by a fleet manager.

ELD - Electronic Logging Device
Today’s Log
Tap on TODAY’s log to view & manage your current log.

Logs History
View past logs & violations if any. Tap on a log you would like to view or edit.

Graph Grid
Similar to paper logs, view your hours or service on the graph grid.

Statuses/Events
Tap on a specific status in the events section to view location and notes.

Edit/Insert Status
Press on “Pencil” to edit or “+” to insert a past duty status.

Certify Log
Tap “Certify” and sign your log when your shift ends.

ELD - Electronic Logging Device
Add DVIR
Tap "+" to add pre-trip or post-trip inspection report

Defects
Select defects (if any) from the list and sign DVIR

Correct Defects
Notify mechanic if defects need to be corrected

Review last DVIR
Tap on DVIR to review and to confirm the issues have been resolved

DVIRs History
Review past DVIRs to prevents compliance errors

Edit DVIR
Tap "..." button to edit DVIR and to fix any errors

ELD - Electronic Logging Device
Easy to Use & to Navigate
Driver-friendly ELD Logbook interface

Easy-to-Navigate & Simple Menu

Tap “Start Inspection” for DOT Mode

View HOS Rules and Exceptions

ELD - Electronic Logging Device
Compliance Dashboard

Make sure your drivers stay compliant and productive

Current Status
View current statuses and locations of your drivers. Click on a driver to see details.

Real-Time Hours
View real-time hours to avoid violations and regulatory fines.

Violations
Monitor violations in real time and mitigate compliance risks.

ELD - Electronic Logging Device
**Driver Details**

Everything about the driver in one place

- **Hours of Service**
  View current status and real-time hours. Available and reset hours are calculated automatically.

- **Driver Logs**
  View current log graph grid and last 14 logs. Click on a log to see log details. Click "More" to view historical logs.

- **Violations & Errors**
  Monitor violations and errors in real time. View past violations and mitigate compliance risks.

- **Details**
  View driver contact information, current or last known vehicle and location.

**ELD - Electronic Logging Device**
**Logs**

Make sure your drivers stay compliant and productive

**View logs**
View all current and past logs up to six months

**Filter**
Filter by date or driver

**Violations**
Monitor violations in real time

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<th>DATE</th>
<th>DRIVER</th>
<th>HOURS DROVE</th>
<th>MILES DROVE</th>
<th>VIOLATIONS &amp; DRIVERS</th>
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ELD - Electronic Logging Device
Log Details

Log form and events

- **Log Form**
  
  Form and manner errors are displayed automatically.

- **Vehicles & Trailers**
  
  View vehicle & trailer information. Check shipping documents numbers.

- **Log Events**
  
  Check log events. Click on event to suggest an edit. Click "+" to suggest to add an event.

- **Log Date**
  
  Click on a calendar in the top right corner to change a date or click "<->" to switch between logs.