



Electronic Logging Devices

Tips for Choosing a Compliant Electronic Logging Device (**ELD**)

2016

- ✓ Geotab Current Compliant Features
AOBRD is less stringent



U.S. Department of Transportation

Federal Motor Carrier Safety Administration

Below are tips to consider when choosing an ELD, and a checklist of key features and functions that every ELD must provide.

Tips

- **Most Important:** Make sure that the **specific ELD model** you are considering **is on FMCSA’s list of registered ELDs** by visiting <https://3pdp.fmcsa.dot.gov/ELD/ELDList.aspx>. The vendors on this list have self-certified that their device is compliant with all of the ELD technical specifications, and registered each ELD model with FMCSA.
- Take a few minutes to **research the ELD provider** by checking with the Better Business Bureau and looking at online reviews for their products and customer service.
- While many ELDs may be part of a Fleet Management System (FMS) or include FMS functions, **there is no requirement for Fleet Management functionality**. An ELD that complies with FMCSA requirements is what is required by the ELD rule.

Checklist

Before choosing an ELD, have the vendor verify that its device meets **all** of the ELD specifications contained in the rule.

While this list is not a complete list of all required ELD functions, at a minimum have the vendor demonstrate or show you all the features and functions in the list below.

| ✓ | ELD Feature or Function |
|---|--|
| ✓ | Provides separate accounts for drivers and administrative (non-driver) ELD users |
| ✓ | Has “integral synchronization” with the engine control module to automatically record engine power status, vehicle motion status, and other data |
| ✓ | Automatically records all driving time and at intervals of 60 minutes. Records date, time, location, engine hours, vehicle miles, and driver identification |
| ✓ | Records location with an accuracy of one-mile radius during on-duty driving periods |
| | Reduces location accuracy to a 10-mile radius when vehicle is used for authorized personal use |
| ✓ | ELD time is synchronized with UTC (coordinated universal time) |
| ✓ | Retains data for the current 24-hour period and the previous 7 consecutive days |
| ✓ | Prevents tampering; does not allow anyone to alter or erase information originally collected for driver ELD records |
| ✓ | Requires driver to review unidentified driver records – and either acknowledge assignment of this driving time, or indicate that the records do not belong to the driver |
| ✓ | Allows a driver to obtain a copy of his/her ELD records on demand – either through a printout or electronic file |
| ✓ | Supports one of two options for electronic data transfer: <ul style="list-style-type: none"> • Telematic type: using wireless web services or email • Local transfer type: using USB2.0 or Bluetooth |
| ✓ | Displays all required standardized data to authorized safety officials on demand – through a screen display or printout that includes three elements: a daily header, graph grid showing driving duty status changes, and detailed daily log data. The graph grid, if printed, must be at least 6 inches by 1.5 inches |
| ✓ | Requires driver certification and annotation (written explanation) for any edits to records that are made by the driver or any other ELD user |
| ✓ | Requires certification of driver records at the end of each 24-hour period |
| ✓ | ELD provider furnishes user’s manual, instructions for handling malfunctions and record-keeping during malfunctions, and instructions for transferring ELD hours of service records to safety officials |
| ✓ | Volume control or mute option for any audio feature |