Electronic Logging Devices

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

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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: • 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