RAND McNALLY

ELD 50

Operational Description

PROPRIETARY AND CONFIDENTIAL

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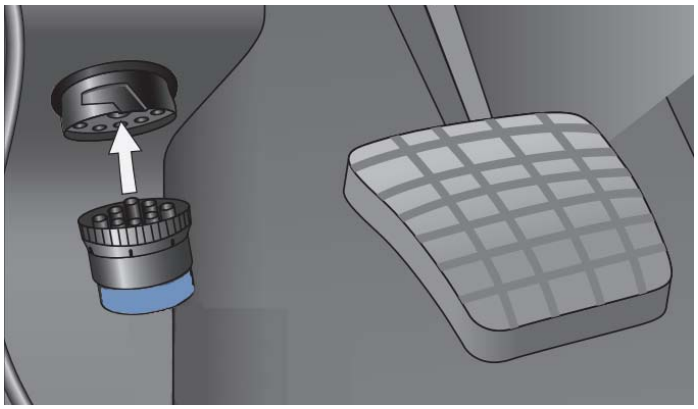
Hardware and installation

1) Download the Rand McNally DriverConnect app on your phone or tablet.

2) Locate the 9-pin diagnostic port on your truck. (For a 6-pin adapter, call Rand McNally customer service.)

3) Align the ELD 50 with the pins on the diagnostic port and connect the device. You may need to hold the device against the port and turn it several times to find the right fit before the connection is secure.



4) Press the collar on the ELD 50 toward the vehicle and turn it counterclockwise to lock the device in place.

5) The device will flash a white light when it powers on.

6) The device will flash three red lights to indicate the following connections, in order: JBUS, GPS, Bluetooth.

7) Turn on the truck ignition. The device will continue to flash. The first light in the series will change from red to green.

8) The device will search for a GPS signal. When the signal is found, the second light in the series will change to green.

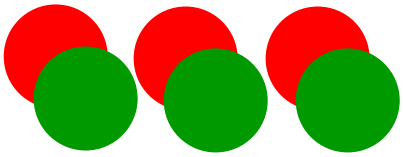
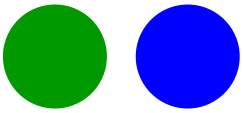
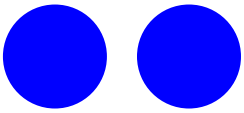
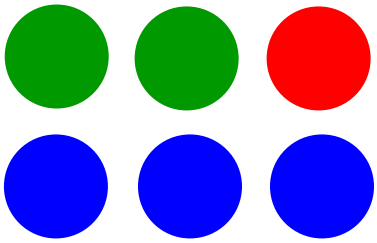
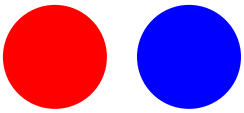
9) Open the DriverConnect app on your phone or tablet and enter your information to register the ELD 50.

10) You will be asked to pair with the ELD 50 via Bluetooth. Accept pairing. A chirp will sound.

11) If a firmware update is available after pairing, the device will flash alternately green and blue for about thirty seconds, then a blue light will flash rapidly. **DO NOT** unplug the device during this process.

12) Once the JBUS, GPS, and Bluetooth connections are active and any updates are complete, the device will show a solid green light.

Light and sound patterns

Light pattern	Indication and sound
	(White) Powering up
	Connectivity: JBUS, GPS, Bluetooth (Red: Off, Green: On)
	Connectivity: JBUS, GPS, Bluetooth (All on) **Sound:** Chirp indicates Bluetooth is paired.
	Uploading firmware update
	Updating memory, indicated by very rapid flashing (DO NOT unplug.)
	Syncing data with app (See progress bar in app.)
	App sync required. Bluetooth is disconnected and device memory is 90% full. Blue flashes become more rapid once device has reached 100% of memory storage capacity, and device will begin to overwrite data. (Device can hold up to 4 days' worth of data before syncing.) **Sound:** Periodic chirps alert the driver to sync.
	Sleep (power saving) mode. Light fades in and out.
	Firmware corrupted (Return for service.)

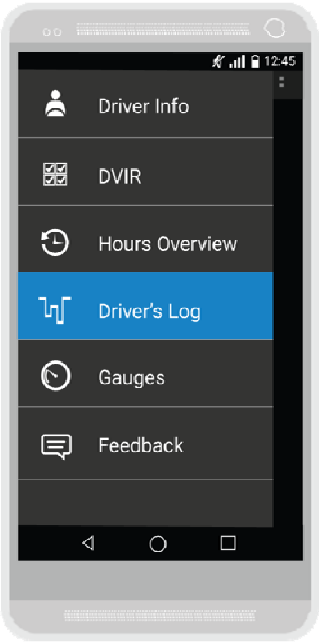
Rand McNally DriverConnect app

The Rand McNally DriverConnect app is a free download for your Android phone or tablet. It allows you to register your ELD 50 and store 8 days of logs for easy access. Other available features include:

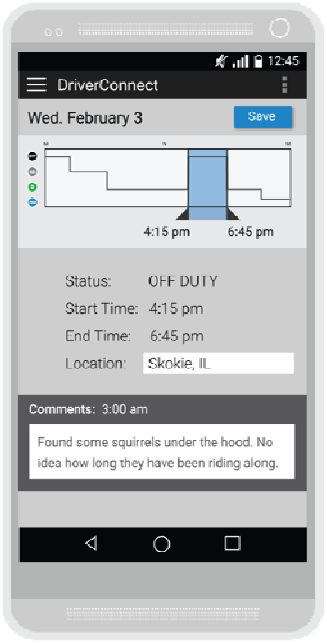
- Daily log certification
- DVIRs
- Timers showing your remaining time
- Gauges showing key engine stats

For more information, see help tools within the app.

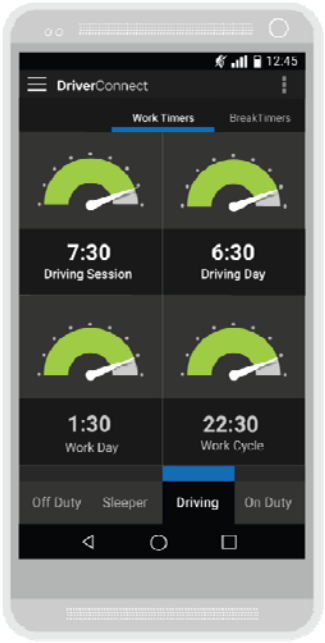
Menu



Logs



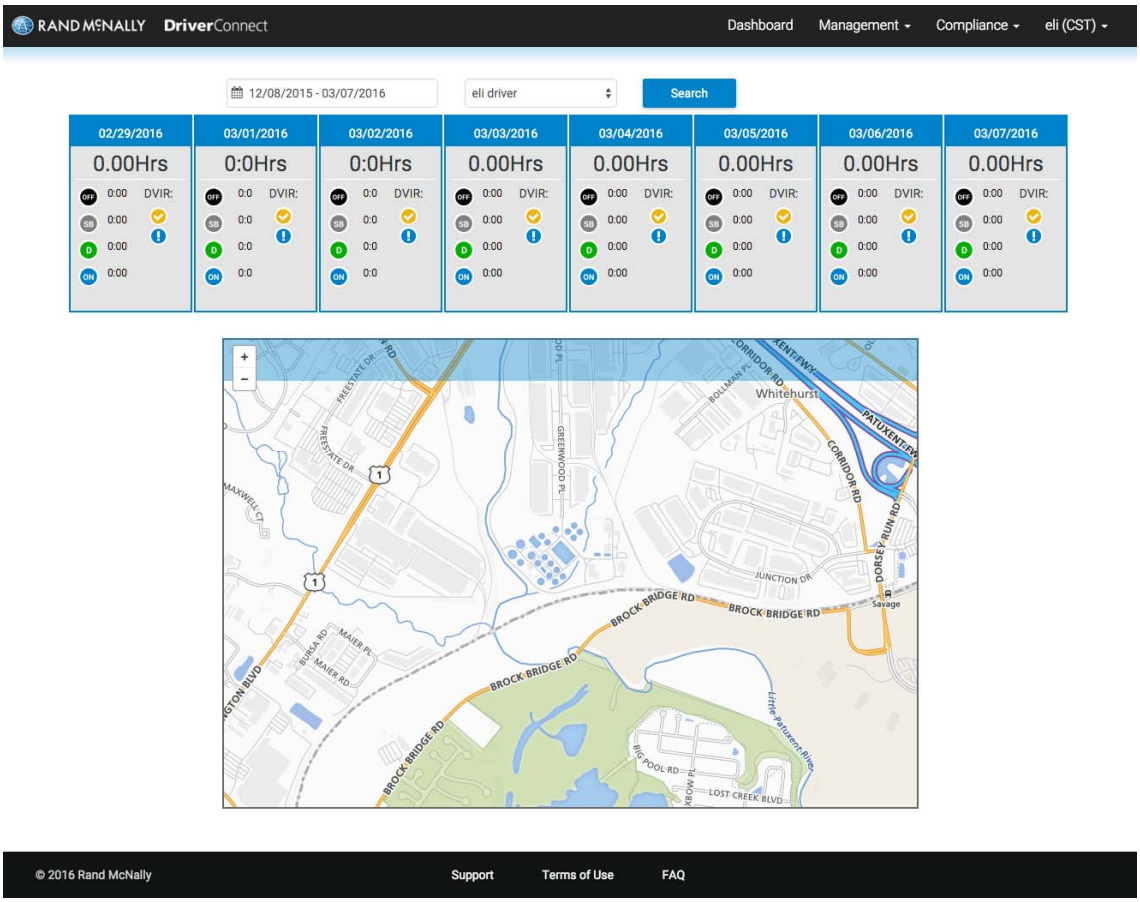
Timers

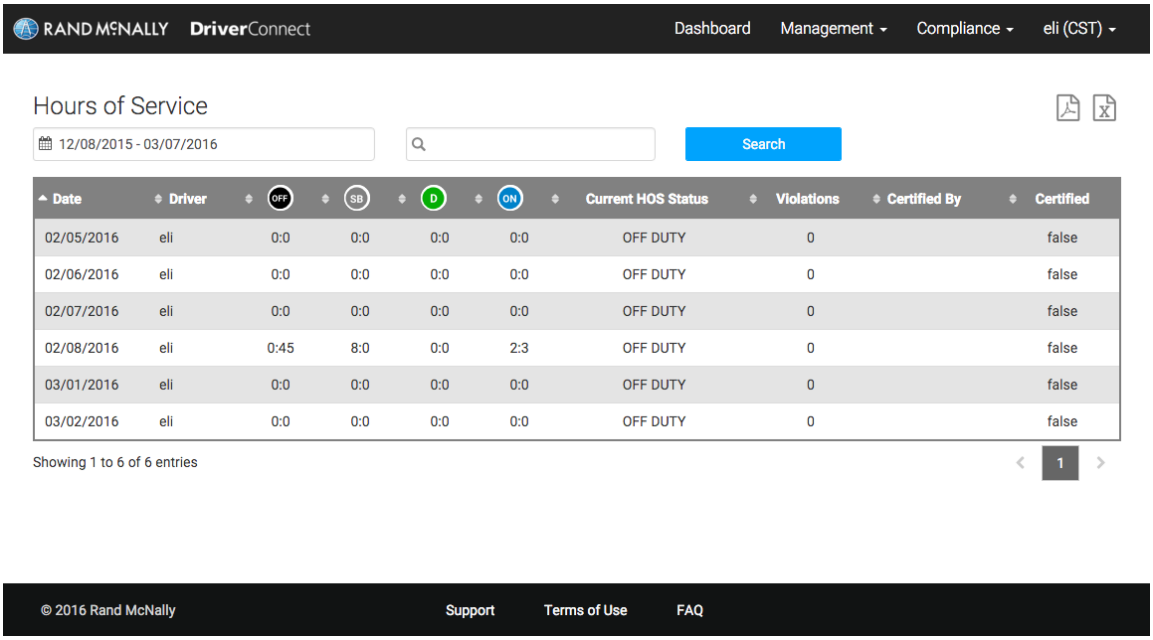


Gauges

Rand McNally DriverConnect web portal

The Rand McNally DriverConnect web portal allows you to access 6 months (181 days) of your log history. To log in, visit connect.randmcnally.com and enter the information you used to register in the apps. For more information, see help and tips available on the portal.





The device has been evaluated to meet general RF exposure requirement, The device can be used in portable exposure condition without restriction

FCC statements:
This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions:

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS exemptes de licence standard(s).
Son fonctionnement est soumis aux deux conditions suivantes:
(1) cet appareil ne peut pas provoquer d'interférences, et
(2) cet appareil doit accepter toute interférence, y compris celles pouvant causer un mauvais fonctionnement de l'appareil.