PLATFORM SCIENCE

Enterprise ELD Manual - 2020

Electronic Logging Device compliance suite
for your connected vehicle management
platform

Table of Contents

Getting Started

QUICK INSTALL GUIDE

Overview

Before hitting the road with the PS ELD application, the points below ensures the PS hardware is properly installed and ready for drivers.

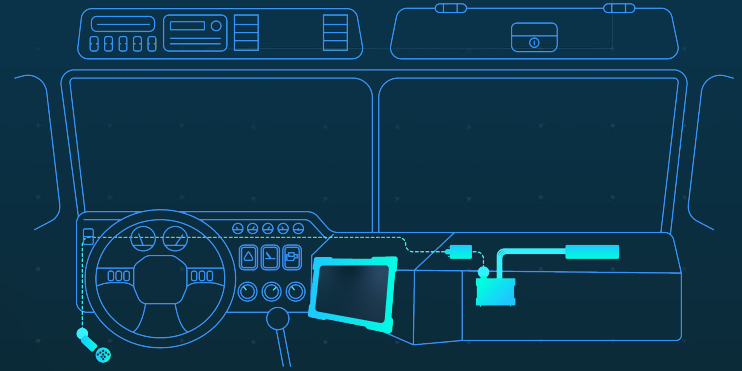Connected Vehicle Device (CVD) installed in the dash.

The vehicle is able to gather data and power from various locations to CVD.

Tablet maintains a charge when plugged into tablet dock. Tablet communicates to CVD via Wi-Fi.

Installation best practices vary from vehicle to vehicle. For detailed instructions specific to your make/model, contact Platform Science.

Enterprise fleet installation shown. Multiple configurations available.

ELD COMPONENTS

01 Connected Vehicle Device (CVD)

02 Android Tablet

03 Vehicle Bus Adapters, heavy duty to light duty

04 Various CVD Power Cables

05 All-in-one Antenna

06 Dedicated Tablet Charger

ELD Software Guide
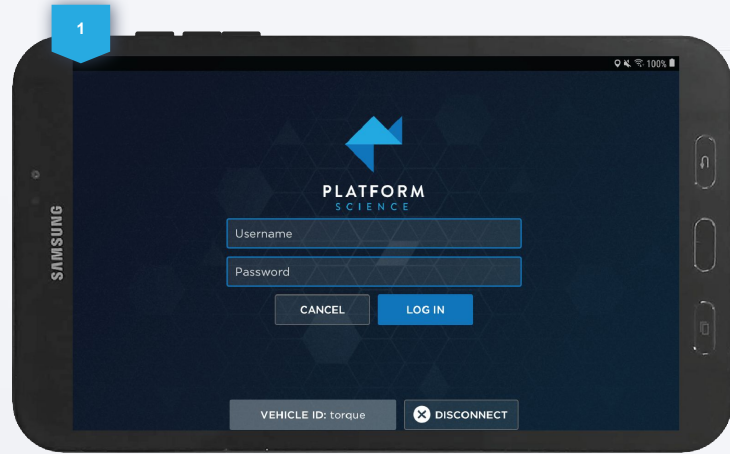
PREPARING TO DRIVE

1

Secure Login

All drivers are provided a unique username and password.

To login:

1. Enter username and password
2. Tap LOG IN

2

Join Team / Add Co-Driver

PS ELD provides the ability to join a team or add a co-driver.

To join a team:

1. Tap JOIN TEAM
2. Enter the username and password of the co-driver
3. Tap LOGIN

To join a team or add a co-driver, one of the team members must already be logged in.
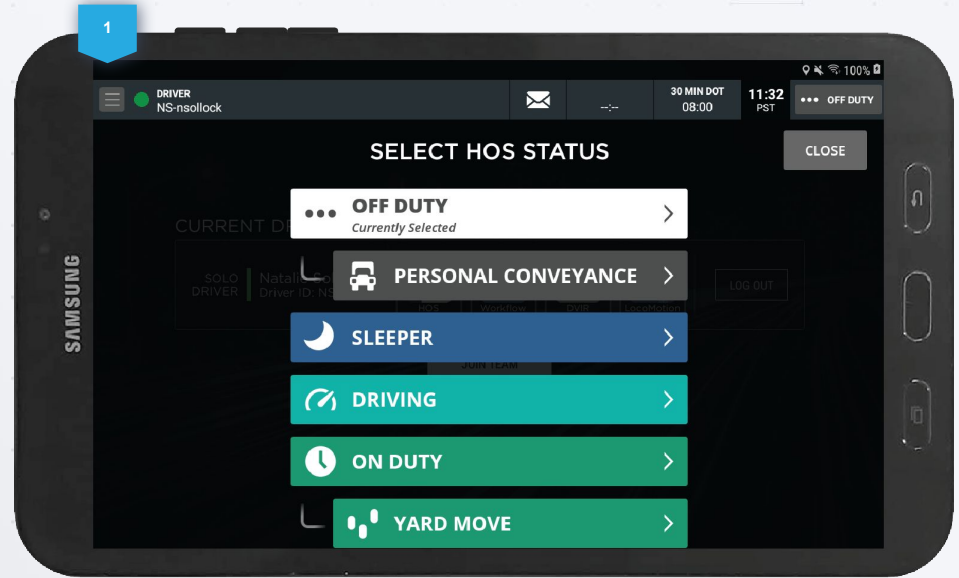
USING HOS

1 Change Duty Status

Once a driver logs into the tablet, they have the ability to change their duty status.

To change duty status:

1. Tap the duty status icon in the top right corner of the tablet
2. Choose a duty status from the list
3. Confirm status change

The system goes into Driving status automatically when the device detects wheels in motion. The status changes from Driving to On Duty automatically when the vehicle is no longer in motion.
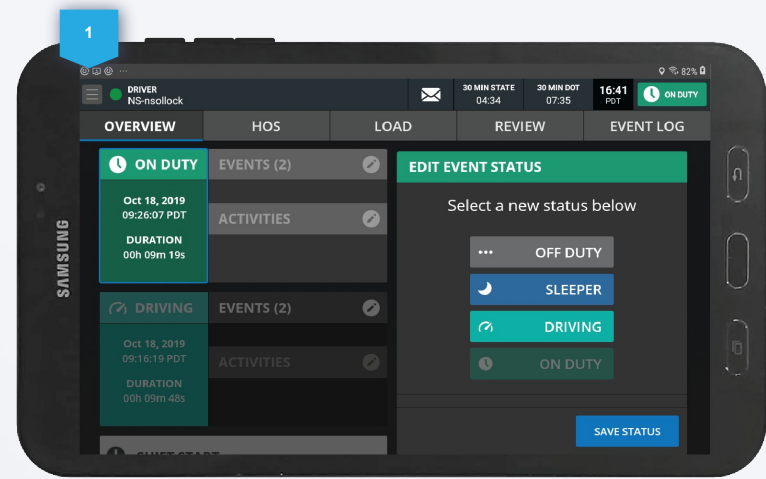
USING HOS

1 Edit Duty Status

Platform Science ELD makes it easy to edit or change duty status.

To edit duty status:

1. Tap the OVERVIEW tab
2. Tap the status that you would like to edit
3. Make the appropriate changes
4. Tap SAVE STATUS

All edits to a driver's records require driver certification and written explanation. The system does not allow alteration or removal of information originally collected for driver ELD records.
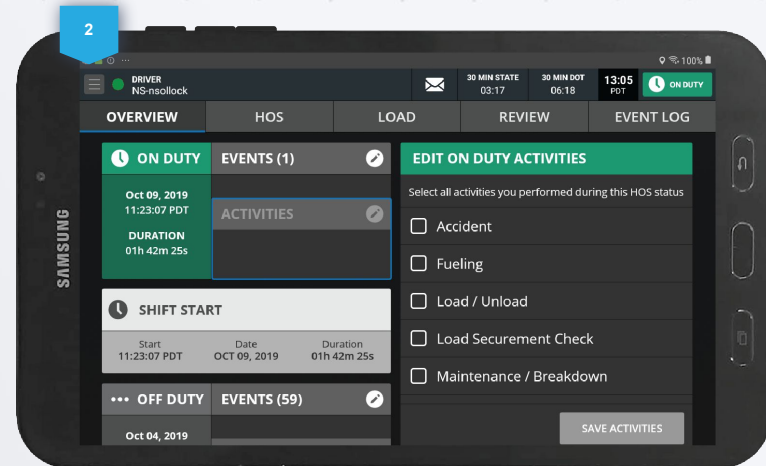
2 Add Activities

Drivers have the ability to add activities to individual duty statuses.

To add an Activity:

1. Tap the pencil icon in the ACTIVITIES section of the duty status
2. Select activities
3. Use the slider bar to add time when prompted
4. Tap SAVE ACTIVITIES

USING HOS

1 Certify Logs

The FMCSA requires drivers to verify accuracy of their HOS logs daily. Certification prompts appear at the end of each 24-hour period.

To certify driver logs:

1. Open the HOS app, then tap the REVIEW tab
2. Tap Review, then swipe to review HOS log
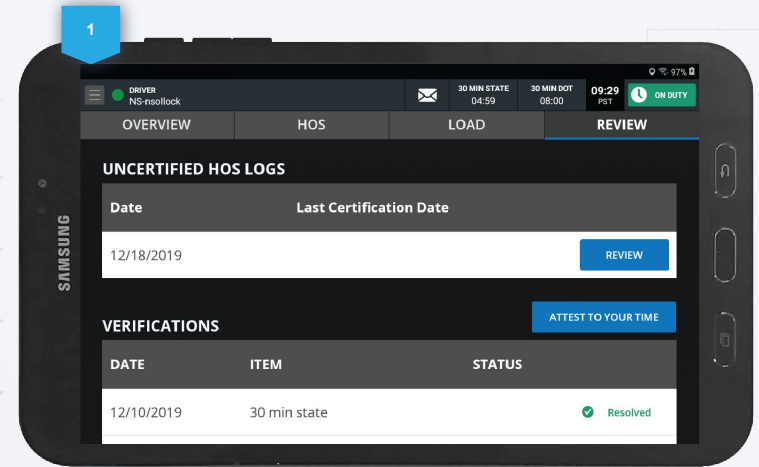3. Tap AGREE
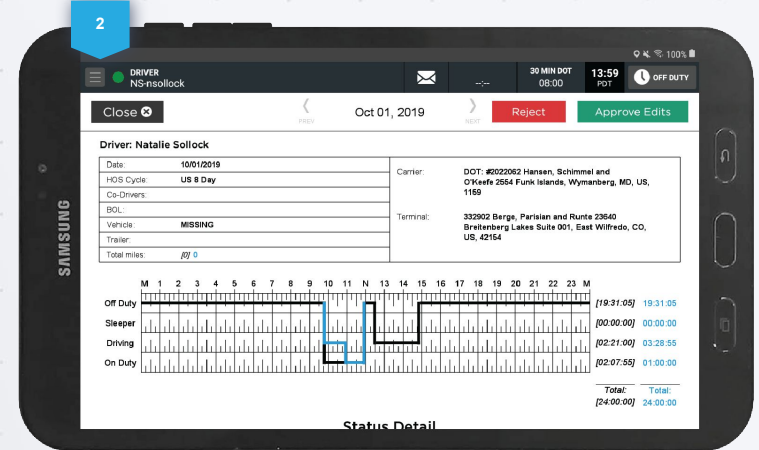
2 Back Office HOS Log Edits

Changes made to a driver's logs by a back office require the driver to review the suggested edits, and choose to either accept or reject those edits. A notification appears to alert the driver of HOS logs received.

To view and accept or reject edits:

1. Open the HOS app, then tap the REVIEW tab
2. Swipe to review the edits
3. Tap Approve Edits to verify or tap Reject to dismiss

USING HOS

View Timers

To view the timer details, simply tap the DOT HOS timer in the top right corner of the tablet. The current active ruleset displays in blue highlights. Federal and state rulesets are modified on the Platform Science Portal.

1 **Department of Transportation (DOT)**
All DOT timers are tracked for the driver including 30-minute, 11-hour, 14-hour, and 60/70-hour timers.

2 **HOS Recap Period**
Shows hours driven and time spent on duty over the last 8 days.

3 **Hours Gained Back**
Drivers are able to view the amount of time they gain back over the next 2 days.

4 **Breaks**
When available, the system populates timers for breaks. The tablet alerts the driver of upcoming breaks.

This graphic shows the option to display Canada HOS Cycle. Timers vary based on the driver's work schedule and assigned rulesets. Assigned rulesets can be changed in the Platform Science Portal.
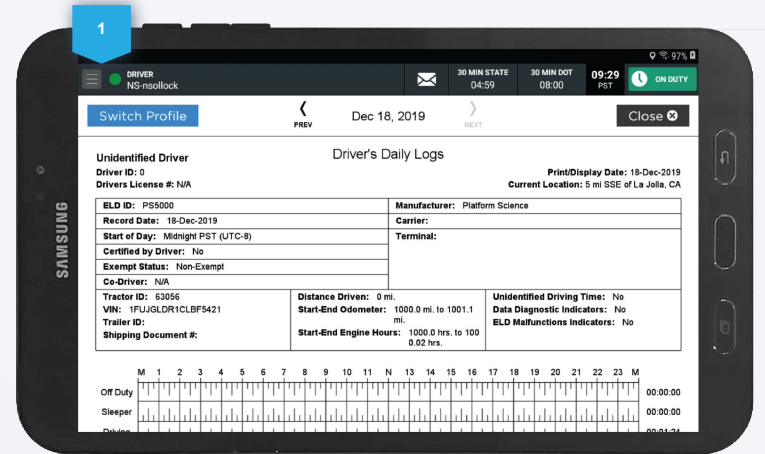
USING HOS

1 DOT Inspection

Platform Science ELD makes roadside inspection easy for the driver and for the DOT officer. Drivers have the ability to display inspection logs on the tablet for viewing.

To Begin a DOT Inspection:

1. Open the HOS app, then tap the HOS tab
2. Tap BEGIN DOT INSPECTION

Driver logs indicate exempt status and allow drivers to switch profile for team driving.
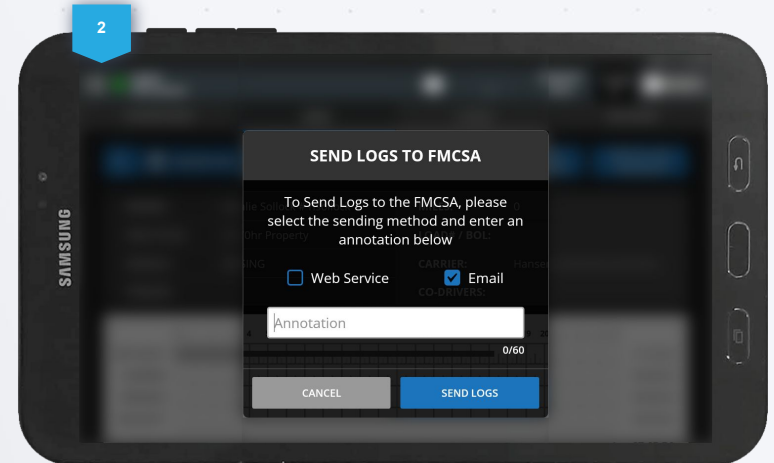
2 FMCSA Email & Wireless Web Services

If requested, the driver can easily email or use wireless web services to send HOS logs to the FMCSA.

To wirelessly transfer logs:

1. Within the HOS tab, tap FMCSA LOG TRANSFER
2. Select Web Service or Email
3. Add an annotation
4. Tap SEND LOGS
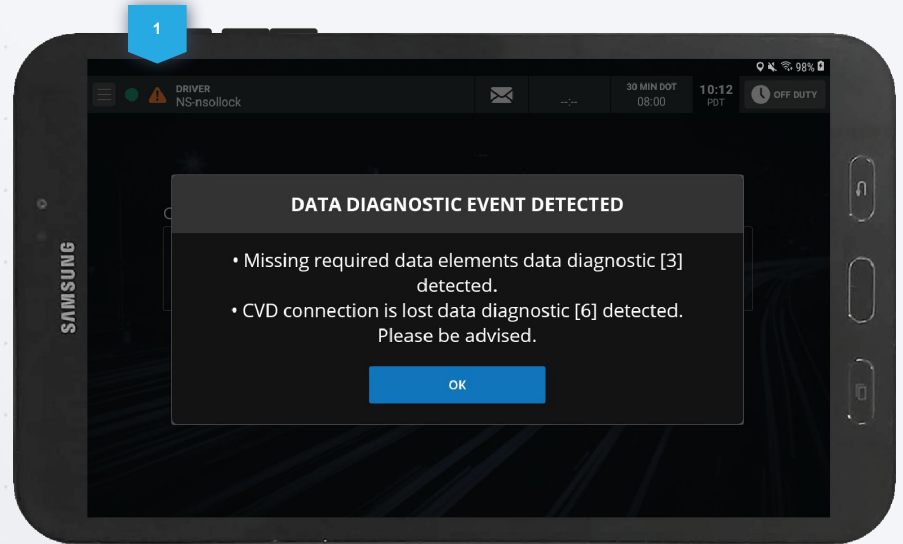
USING HOS

1 Data Diagnostic Malfunctions

The Platform Science ELD utilizes state-of-the-art Data Diagnostics to detect malfunctions and alerts the driver.

Malfunctions occur when data from the engine is not being received by the tablet or the connected vehicle device.

In the event of a malfunction:

1. An alert appears to notify the driver of the malfunction and any actions the driver should take.
2. An orange triangle with an exclamation point appears in the top left corner of the tablet. Tap the triangle for details.

Malfunctions may be brief. Do not tamper with the tablet as the device is setup to automatically resolve most issues. Contact Platform Science Technical Support for further assistance.

1

DATA DIAGNOSTIC EVENT DETECTED

- Missing required data elements data diagnostic [3] detected.
- CVD connection is lost data diagnostic [6] detected. Please be advised.

OK

DRIVER
NS-nsollock

30 MIN DOT
08:00

10:12 PDT

OFF DUTY

MORE FEATURES

Additional HOS features

The Platform Science HOS app comes with a wide range of features that make driving safer, informed, and more convenient for all users.

1

Notifications

Notifications appear in the status bar for incoming messages, warnings, violations, application updates and more.

2

Unassigned Driving Time (UDT)

PS ELD detects wheels in motion and appears as a UDT when a driver is not logged in. In the PS Portal, the back office can view UDT events and assign to drivers. This prompts the driver to review, then accept or reject the UDT.

3

Violations

PS ELD notifies the driver when there is a driving violation. Some examples of a violation include expired timers or missed breaks.

Support

SUPPORT

Technical

+1 (888) 253-0999

Platform Science offers enterprise support and technical services. We work directly with clients and resellers to make sure all aspects of the platform are operational and perform to the highest standards.

Driver

+1 (888) 253-0999

Based on fleet size and configuration we offer multiple support tiers to drivers. Our 24-hour support provides general assistance, help desk and technical support.

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MAKING TRANSPORTATION SMART