

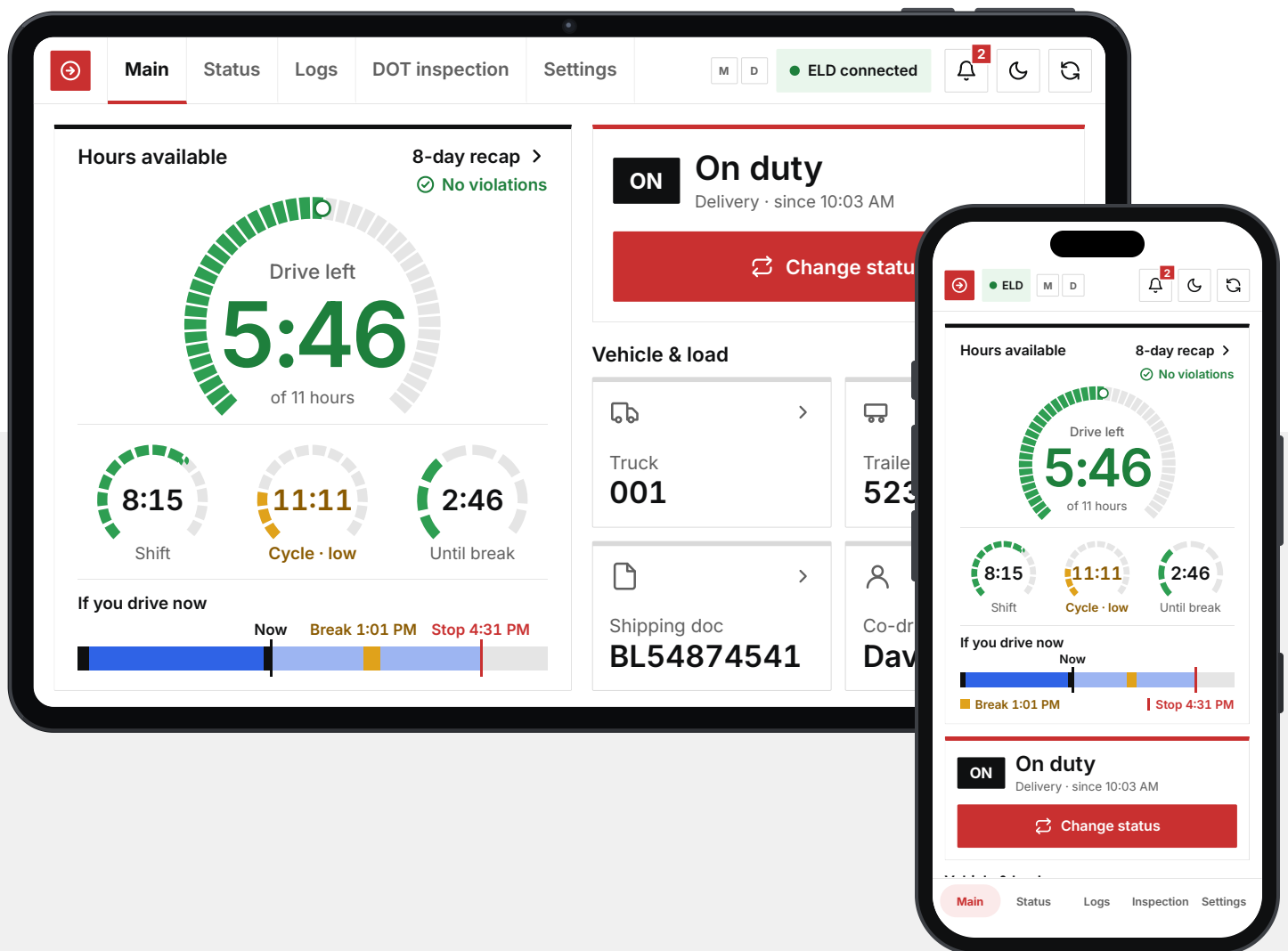


T42 ELD

Driver app · Tablet & phone

# User Manual

How to connect the ELD, record your hours of service and show your logs at a roadside inspection.



CUSTOMER SUPPORT

(305) 399-8553    info@trucking42.com    trucking42.com/t42eld

# About this manual

Document information, regulatory statement and what the ELD is certified to do.

|                         |                                                                                                                                 |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>ELD Provider</b>     | TRUCKING42, INC · 256 Atlantic Isle, Sunny Isles Beach, FL 33160 · (305) 399-8553 · info@trucking42.com · trucking42.com/t42eld |
| <b>Product name</b>     | T42 ELD                                                                                                                         |
| <b>Model number</b>     | T42 Android/iOS<br>Android 10+ / iOS 15+ app with PT30, PT40 or IOSiX vehicle gateway                                           |
| <b>Software version</b> | 1.0.0 and later                                                                                                                 |
| <b>ELD Identifier</b>   | T42ELD                                                                                                                          |
| <b>Data transfer</b>    | Option 1 — Telematics: Wireless Web Services and Email (49 CFR 395 Appendix A §4.9.1(b)(1))                                     |
| <b>Document version</b> | 1.2 · October 22, 2026 · supersedes 1.1 · applies to app 1.0.0 and later minor updates until replaced                           |

## Compliance statement

T42 ELD is self-certified by TRUCKING42, INC as meeting the functional specifications of 49 CFR Part 395, Subpart B, Appendix A, and has been submitted to FMCSA for registration (status: pending). Until FMCSA lists it, do not use it in place of a registered ELD (§395.22(a)). References such as "§4.3.2.3" in this manual point to that appendix.

The device records hours of service automatically from the vehicle's engine, keeps a tamper-evident record of every event, and transfers records to a safety official on request. It does not allow driving time to be shortened or deleted by anyone — not the driver, not the carrier, not TRUCKING42, INC.

## Supported vehicles

| Vehicle                                                   | Gateway             | Port                                      | Notes                                                                                                                                                                             |
|-----------------------------------------------------------|---------------------|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model year 2000 and later with an electronic engine (ECM) | PT30 · PT40 · IOSiX | 9-pin J1939 · 6-pin J1708 · 16-pin OBD-II | Engine power, motion, odometer, engine hours and VIN read from the ECM (§4.2).                                                                                                    |
| Model year 1999 and older, or no ECM                      | PT30 · PT40 · IOSiX | Power only                                | Gateway estimates motion and miles within §4.3.1 limits (speed $\pm 3$ mph, miles $\pm 10$ %/24 h, engine hours $\pm 0.1$ h). Ask your company whether the vehicle is ELD-exempt. |

## What to keep in the vehicle

Pages 7, 12 and 13, plus blank paper logs for 8 days (page 15). The full manual is in the app under **DOT inspection** → **ELD documents**.

# Plug in and connect

## 1 Plug in

**Engine off.** Port: under the dashboard, by your left knee. Plug in the ELD.



**9-pin**  
Most trucks

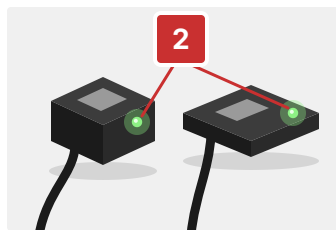
**16-pin**  
Volvo, Mack

**6-pin**  
Older trucks

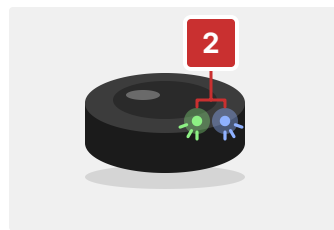
**IOSiX**  
Plugs straight in, twist to lock

## 2 Check the light

Start the engine. Wait for the light:



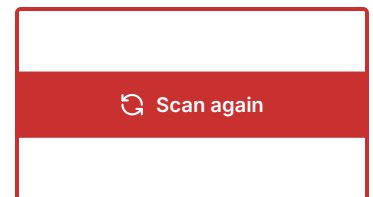
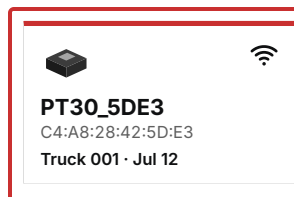
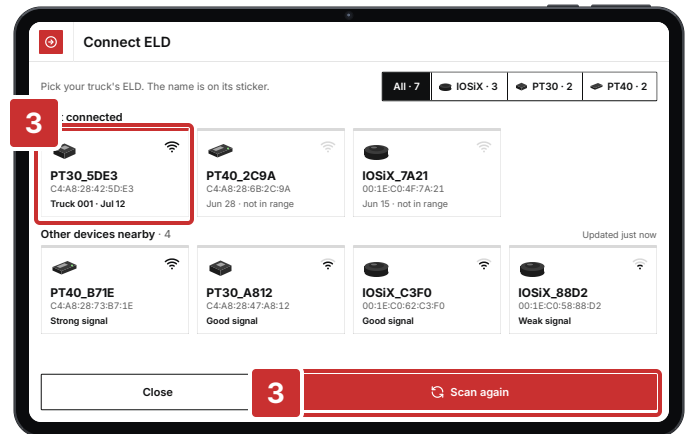
**PT30, PT40**  
Green, not blinking



**IOSiX**  
Green and blue, blinking

## 3 Connect

In **Connect ELD**, tap your ELD's name from its sticker, like **PT30\_5DE3**. Not in the list? Tap **Scan again**.



 **Done when**  **ELD connected turns green.** Keep Bluetooth on. Don't pair in settings: the app does it.

### **ELD not working?** (FMCSA §395.34)

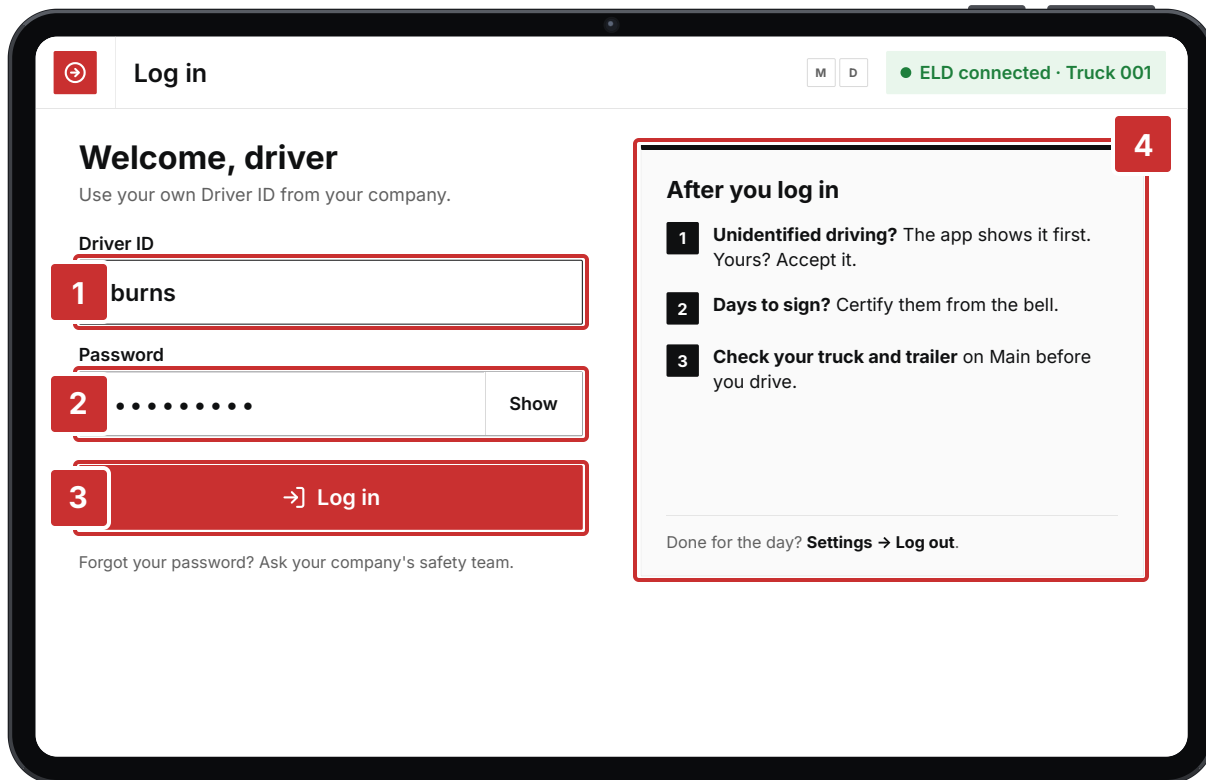
- 1** Call support. Tell your company in writing within 24 hours.
- 2** Switch to paper logs until it's fixed.
- 3** Keep today + the last 7 days ready: in the app or on paper.

 **Your company has 8 days to fix it.** Always carry blank paper logs for 8 days. Full steps: **page 12**.

 Keep this page in your truck.

# Log in and log out

Every driver uses their own account. Log in before you drive.



**1 Driver ID.** From your company. Use only your own. Never share it.

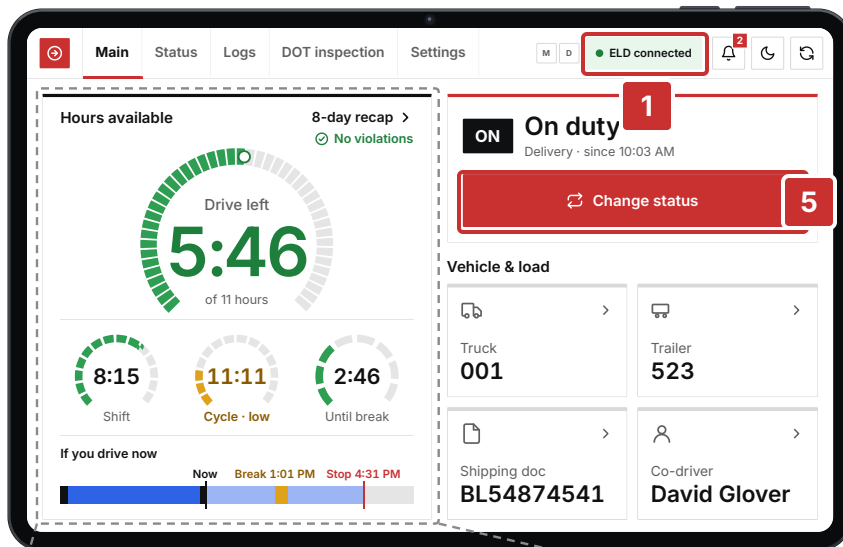
**2 Password.** Tap **Show** to check it. Forgot it? Ask your safety team.

**3 Log in.** The app opens Main with your hours and logs.

**4 After you log in.** Unidentified driving shows first: yours? **Accept** it. Then sign days from the bell.

[→ **Done for the day?** Set **Off duty** or **Sleeper** first, then **Settings** → **Log out** (page 11). Your status stays as you set it.

# Your hours at a glance



## 1 ● ELD connected

Green means it works. Not green? See **page 2**. The **M** and **D** boxes next to it stay grey. Red M or yellow D? See **page 12**.

## 2 Drive left

How long you can still drive today.

## 3 Shift, Cycle, Until break

Your 14-hour day, your 60/70 hours, your 30-minute break.

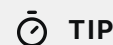
■ **Yellow** = running low.

## 4 If you drive now

When to take a break and when to stop.

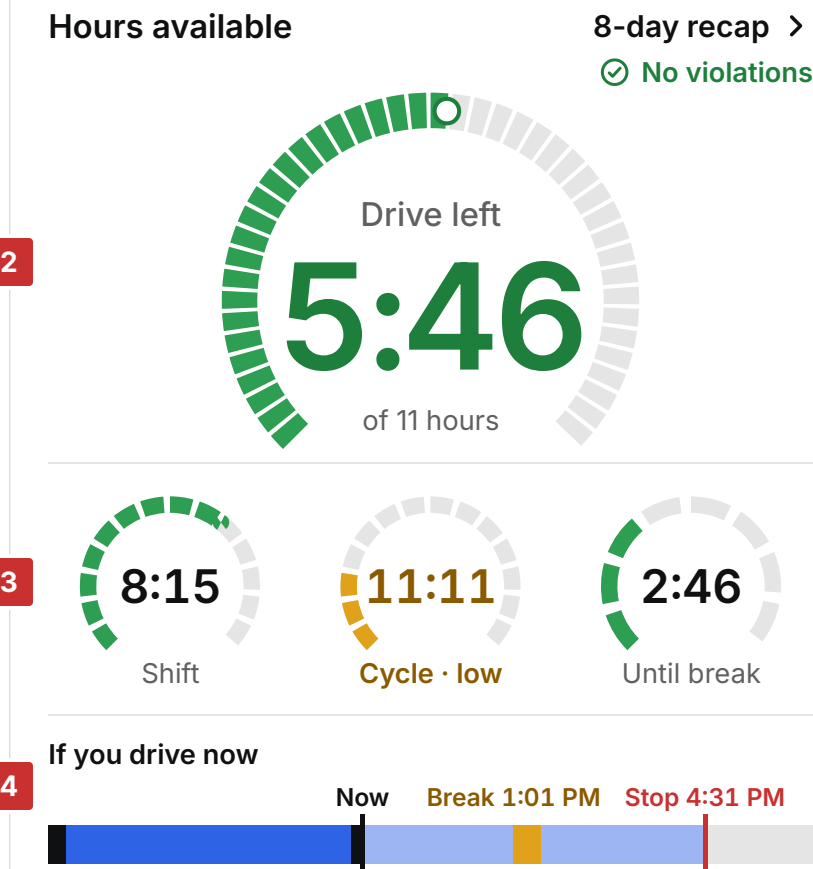
## 5 ↺ Change status

Tap it when you start doing something else.

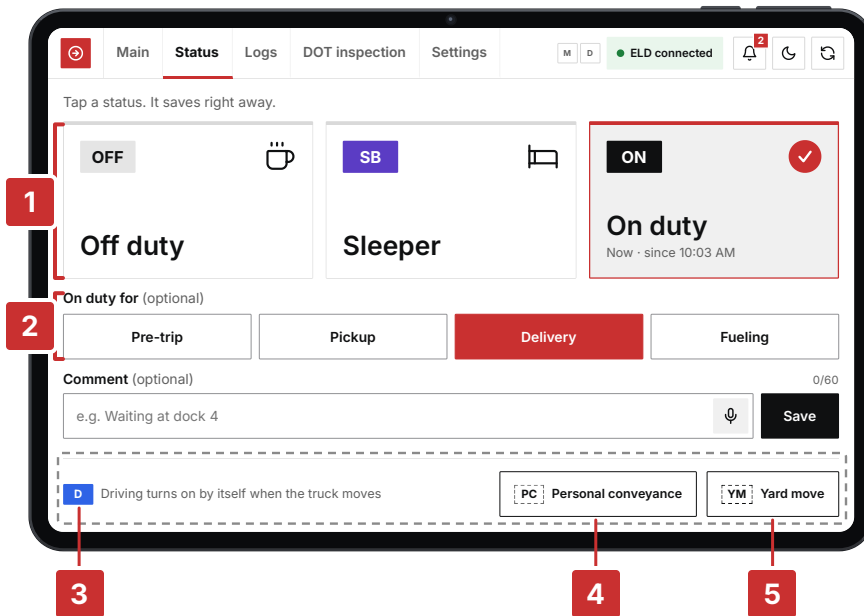


**TIP**

**30 minutes in a row without driving** = your break. Fueling counts.



# Change status



**D** Driving turns on by itself when the truck moves

**PC** Personal conveyance

**YM** Yard move

1 **OFF** **SB** **ON**

Tap **Off duty**, **Sleeper** or **On duty** (working, not driving). It saves right away.

2 **On duty for**

**Working?** Pick what: Pre-trip, Pickup, Delivery or Fueling.

3 **D** **Driving**

Turns on by itself when you move. Stopped 5+ minutes? The app asks what you're doing. No answer in 1 minute? It switches to On duty.

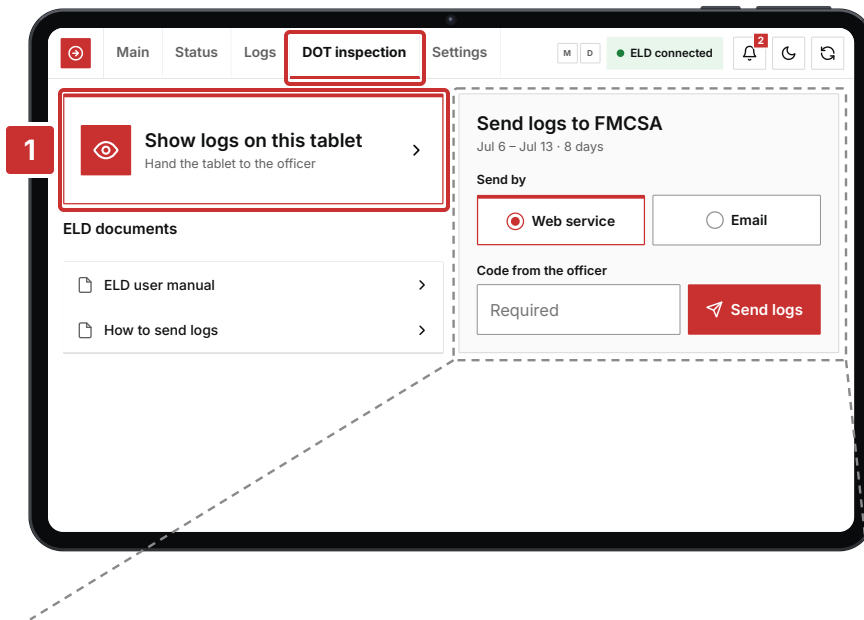
4 **PC** **Personal conveyance**

Driving for yourself while off duty, like motel to food. Not for work. Only if your company allows it.

5 **YM** **Yard move**

Moving inside a yard. Counts as On duty.

# Sending logs to the officer



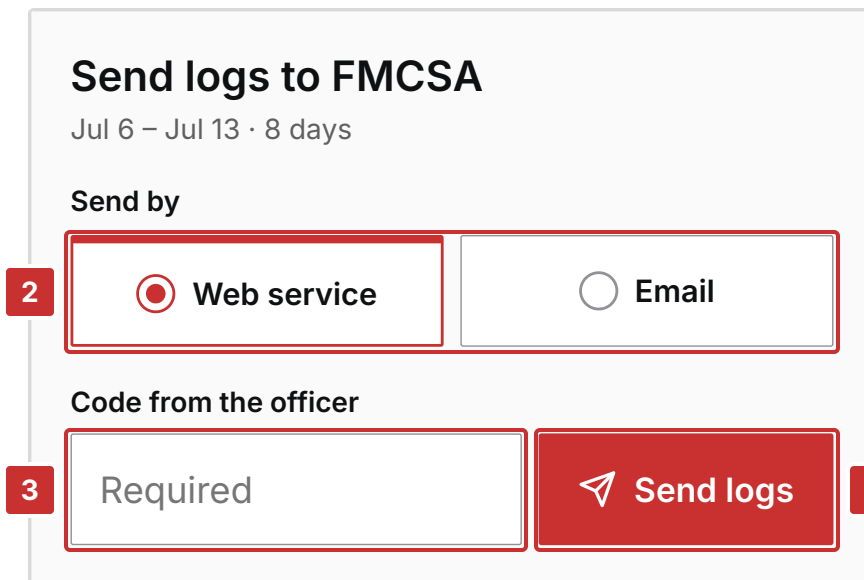
Tap **DOT inspection** at the top.

## 1 Show

Tap **Show logs on this tablet** (phone:

**Show logs on this phone**) and hand it to the officer.

The officer sees **today + the previous 7 days**: the graph, every status change with time and location, totals, truck, trailer and carrier. They pick the day at the top. Nothing can be changed there.



## 2 Or send

Pick **Web service**. **Email** if the officer asks or it fails.

## 3 Type the officer's code.

## 4 Tap **Send logs**.

 Officer asks for the ELD manual or instruction sheets? Open **DOT inspection** → **ELD documents**.



**Stuck? Call support: (305) 399-8553**

 **ELD INSTRUCTION SHEET** · Data transfer · 49 CFR 395.22(h)(2) · *Keep this page in your truck.*

# Send your logs to an officer

An officer can ask for **today + the previous 7 days**. T42 ELD gives them in three ways:

## Web service

### RECOMMENDED

Sends the FMCSA file over the internet (eRODS). Fastest.

## Email

### BACKUP

Sends the same file to FMCSA by email. Use it if the officer asks or the web service fails.

## Show on screen

### NO INTERNET NEEDED

Tap

**Show logs on this tablet**

(phone:

**Show logs on this phone)**

and hand it to the officer. Nothing can be changed there.

## SEND LOGS TO FMCSA, STEP BY STEP

- 1 Open DOT inspection.** Tap **DOT inspection** at the top of the screen.
- 2 Check the dates.** **Send logs to FMCSA** shows today + the previous 7 days, like Jul 6 – Jul 13.
- 3 Pick how to send.** **Web service.** Pick **Email** only if the officer asks or the web service fails.
- 4 Type the officer's code.** Ask the officer for it and type it in **Code from the officer**. It goes with your file.
- 5 Tap Send logs.** Wait for the confirmation, then tell the officer the logs are sent.

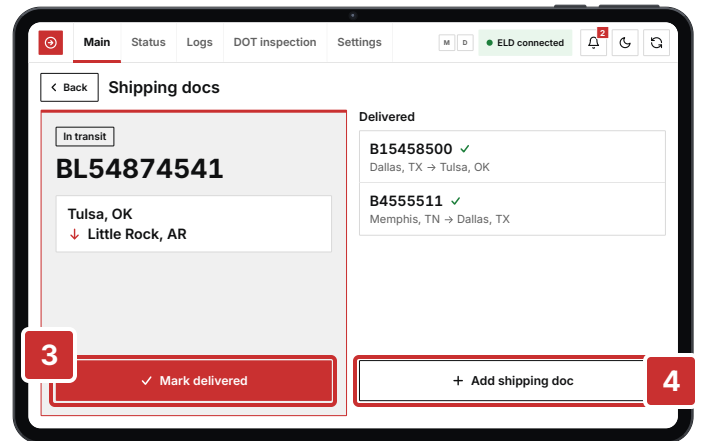
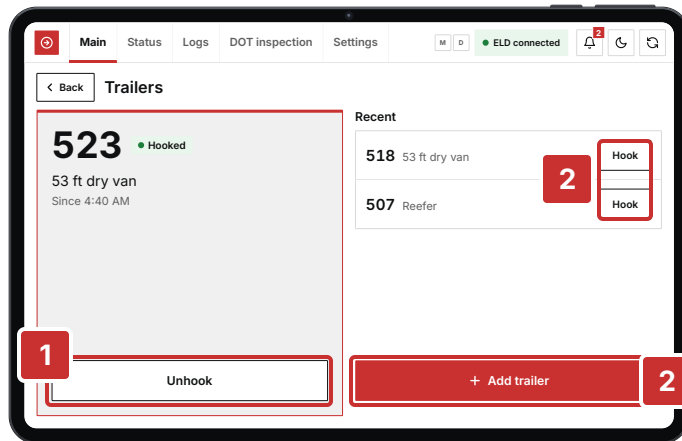
## Logs won't send?

Check the internet, then try **Email**. Still no? **Show logs on this tablet** (phone: **Show logs on this phone**). A red M or yellow D with code **4** or **S** means data transfer is not working: see [page 13](#).

# Your trailer and shipping docs

Keep these numbers right: they go into your log.

Open them from Main → **Vehicle & load**.



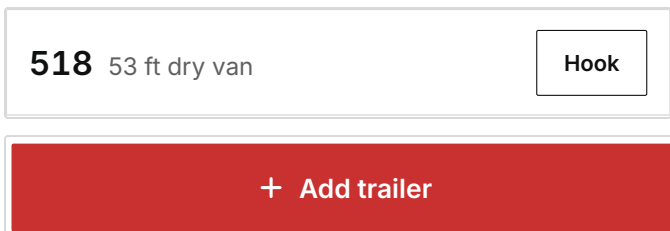
## 1 Unhook

You dropped the trailer.



## 2 Hook

You took a trailer you had before. New one? Tap **Add trailer**.



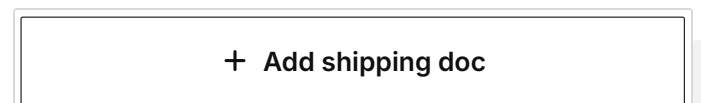
## 3 Mark delivered

The load is delivered.



## 4 Add shipping doc

New load? Type the BOL number.



# Check your log

Check it before you sign.



## 1 Unidentified 2

Driving with nobody logged in. Yours? Accept it. Not yours? Leave it: your company reviews it.

## 2 Jul 12 not certified Certify

A day not signed yet. Tap **Certify**.

## 3 Graph

Your day: OFF, SB, D (driving), ON.

## 4 Edit

Fix a mistake and add a note why.

## 5 Auto

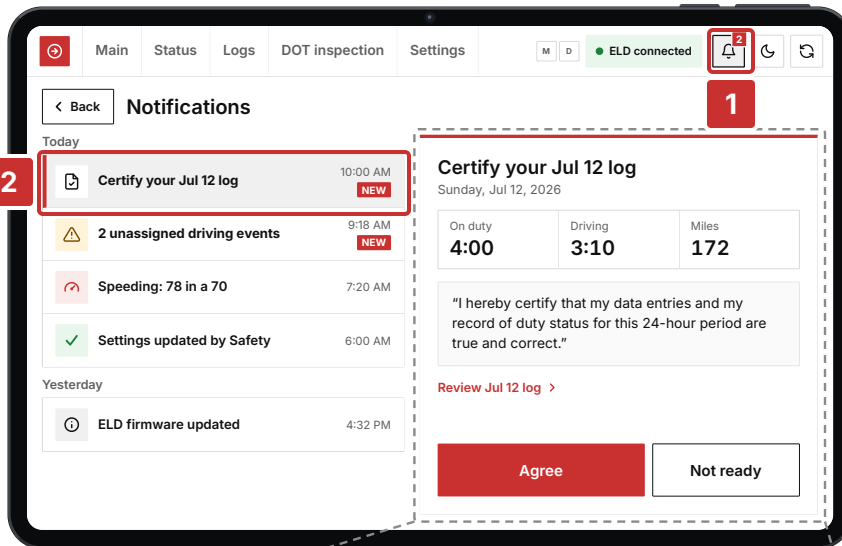
Driving recorded by the truck can't be shortened or changed. You can add a note.



**Company suggested a fix?** Accept or reject it in **Settings → Request list**.

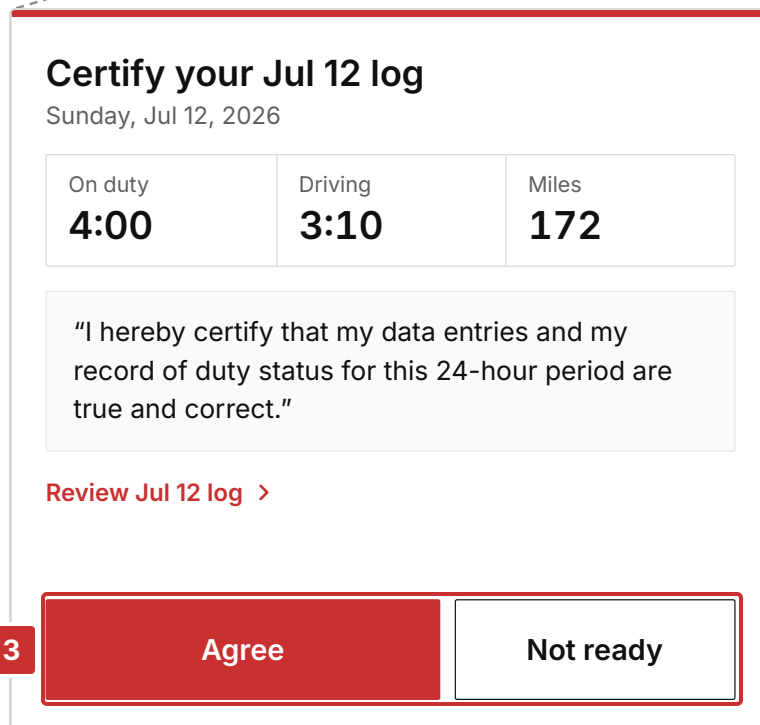
# Sign your day

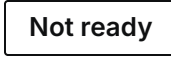
Sign your log at the end of every day.



1  Tap the bell.

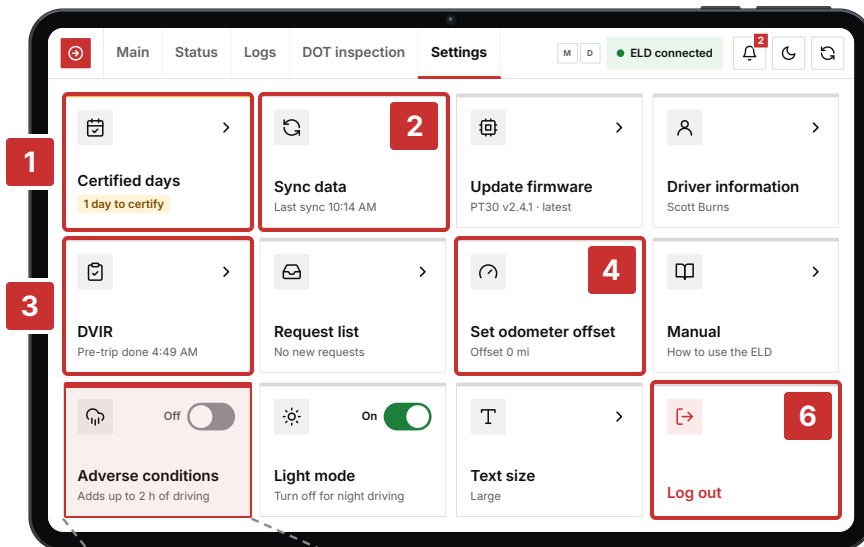
2  Tap **Certify your log**.



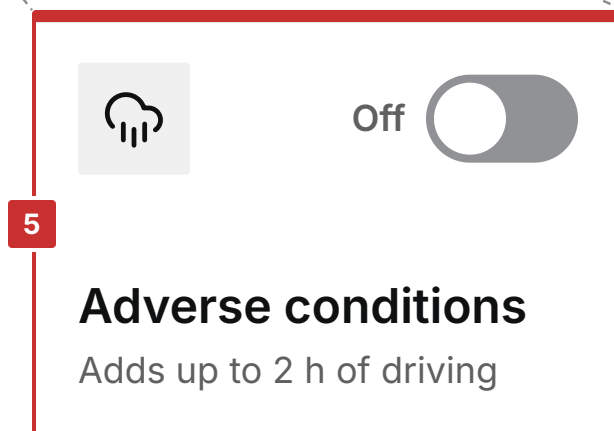
3   All correct? Tap **Agree**.  
Something wrong? Tap **Not ready**, fix it in **Logs**, then sign.

 **Changed a day after signing?** Sign it again.

# Settings



- 1 Certified days**  
Days you still need to sign.
- 2 Sync data**  
Log looks old? Tap it.
- 3 DVIR**  
Report truck or trailer defects.
- 4 Set odometer offset**  
Don't touch unless your safety team asks.
- 5 Adverse conditions**  
Only for surprise snow, ice, fog or a closed road. **Up to 2 extra hours** of driving and on your 14-hour day. Turn it off after.
- 6 Log out**  
When your day is done.



**Manual:** this guide is also in the app. Officers can open it from **DOT inspection → ELD documents**.

 **ELD INSTRUCTION SHEET** · Malfunctions · 49 CFR 395.34 · *Keep this page in your truck.*

# ELD malfunction? Switch to paper.

A **red M** at the top of the screen (next to ELD connected) means a malfunction: the ELD can't record your hours right. Tap it to see the letter code, like E. Codes: **page 13**.

## WHAT YOU MUST DO

- 1 Write it down.** Note the code, like E, with the date and time.
- 2 Tell your company in writing within 24 hours.** A message or email is fine. Call support too.
- 3 Rebuild your logs on paper.** Today + the previous 7 days, unless you can see them in the app or get them from your company.
- 4 Keep paper logs until the ELD is fixed.** Fill a blank paper log (graph grid) every day, as in §395.8. Always carry blank paper logs for 8 days.
- 5 At an inspection, show your paper logs.** Tell the officer the ELD has a malfunction and show your company's notice if you have it.

### Your company

Must fix or replace the ELD **within 8 days** of finding the problem or of your notice, whichever comes first.

Needs more time? It must ask the FMCSA Division Administrator for its state **within 5 days** of your notice.

### **D** Yellow D: data diagnostic

Not a malfunction. **Keep using the ELD** and follow the fix for its code (1–6) on page 13 and your company's instructions.

Doesn't clear? Call support. It can turn into a malfunction.



**Need help? Call support: (305) 399-8553**



 **ELD INSTRUCTION SHEET** · Codes · 49 CFR 395 Appendix A, 4.6, Table 4 · *Keep this page in your truck.*

# Malfunction and diagnostic codes

**M** **Red M · Malfunctions (letter codes).** Switch to paper logs (page 12).

| CODE     | OFFICIAL NAME                                          | WHAT HAPPENED                           | WHAT TO DO                           |
|----------|--------------------------------------------------------|-----------------------------------------|--------------------------------------|
| <b>P</b> | <b>"Power compliance" malfunction</b>                  | ELD off while driving, 30+ min in 24 h. | Check plug and cable. Call support.  |
| <b>E</b> | <b>"Engine synchronization compliance" malfunction</b> | No engine data, 30+ min in 24 h.        | Check the plug. Call support.        |
| <b>T</b> | <b>"Timing compliance" malfunction</b>                 | Clock 10+ min off real time (UTC).      | Set time to automatic. Call support. |
| <b>L</b> | <b>"Positioning compliance" malfunction</b>            | No GPS for 60+ min of driving in 24 h.  | Turn on location. Call support.      |
| <b>R</b> | <b>"Data recording compliance" malfunction</b>         | ELD can't save or keep your records.    | Call support right away.             |
| <b>S</b> | <b>"Data transfer compliance" malfunction</b>          | Transfer still fails after 3 checks.    | Check the internet. Call support.    |
| <b>O</b> | <b>"Other" ELD detected malfunction</b>                | Another problem found by the ELD.       | Call support.                        |

**D** **Yellow D · Data diagnostics (number codes).** Keep using the ELD and fix it.

| CODE     | OFFICIAL NAME                                                 | WHAT HAPPENED                           | WHAT TO DO                                |
|----------|---------------------------------------------------------------|-----------------------------------------|-------------------------------------------|
| <b>1</b> | <b>"Power data diagnostic" event</b>                          | Not ready 1 min after engine start.     | Check the plug.                           |
| <b>2</b> | <b>"Engine synchronization data diagnostic" event</b>         | Engine data missing 5+ seconds.         | Check the plug.                           |
| <b>3</b> | <b>"Missing required data elements data diagnostic" event</b> | An event misses an item, like location. | <b>Logs:</b> edit the event, add it.      |
| <b>4</b> | <b>"Data transfer data diagnostic" event</b>                  | The weekly transfer check failed.       | Check the internet.                       |
| <b>5</b> | <b>"Unidentified driving records data diagnostic" event</b>   | 30+ min unidentified driving in 24 h.   | <b>Logs → Unidentified.</b> Accept yours. |
| <b>6</b> | <b>"Other" ELD identified diagnostic event</b>                | Another data problem found by the ELD.  | Call support.                             |



# Something wrong? Find it here.

## PROBLEM

## FIX



### ELD connected isn't green

Engine on, ELD plugged in. Open **Connect ELD** and tap your ELD. Not there? **Scan again**.



### No lights on the ELD

**ELD connected** is green? All good: lights can switch off to save power. Not green? Check the plug.



### Red M or yellow D at the top

Red M: call support and switch to paper logs (**page 12**). Codes: **page 13**.



### Status switched to On duty

You stopped 5+ minutes and didn't answer within 1 minute. Pick the right status.



### Wrong driving time

It can't be shortened or changed, but you can add a note. Next time, tap **Yard move** or **Personal conveyance** before you move.



### Unidentified driving

**Logs → Unidentified**. Yours? **Accept** it.



### Logs won't send

Tap **Show logs on this tablet** (phone: **Show logs on this phone**) and hand it to the officer.



**Still stuck? Call support: (305) 399-8553**

# Accounts and team drivers

Who can log in, what each account can do, and how two drivers share one tablet.

| Account             | Who                                   | Can                                                                                                             | Cannot                                                                            |
|---------------------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Driver              | You                                   | Record duty status, edit own entries with a note, certify days, send logs to an officer, export own logs        | Create accounts, see other drivers' logs, change company settings                 |
| Support personnel   | Your company's safety team / dispatch | Create driver accounts, enable PC / YM, propose edits, review unidentified driving, export records for an audit | Record duty status, drive under this account, apply an edit without your approval |
| Unidentified driver | Nobody — reserved on every vehicle    | Collect driving that happens while no one is logged in                                                          | —                                                                                 |

## Your account (§4.1.2)

Your company creates it with your driver's license number and the state that issued it. These are stored encrypted on the ELD and included in the file an officer receives — the rule requires it. There can be only one driver account per license number per company; the system rejects a second one. Use only your own Driver ID; never share it.

## Team drivers (§4.1.4)

- Both log in before the truck moves.** The second driver taps the **D** box next to **ELD connected** → **Add co-driver** and enters their own Driver ID and password. Both names appear on Main under **Co-driver**.
- Only one of you is Driving.** The driver behind the wheel is in **D**; the other is in **Sleeper** or **On duty**. The co-driver can change their own status and add notes while the truck moves.
- Switch seats only when stopped.** Tap **Co-driver** → **Switch**. Both drivers confirm on the screen. The app does not allow a switch while the vehicle is in motion.
- Wrong driver got the driving time?** Either driver can tap the driving event → **Reassign to co-driver**. Both must confirm. This is the only case where recorded driving time can move between accounts, and only between the two logged-in co-drivers.
- Log out separately.** Each driver logs out under **Settings** → **Log out** at the end of their own shift.

**Several trucks.** Log in on the tablet in each one; the tablet you used most recently shows the officer your full 8 days, including days from other trucks (§4.1.4(3)). **Clock.** The ELD time comes from GPS and network, stays within 10 minutes of UTC and cannot be changed by hand (§4.3.1.5); your company sets your home-terminal time zone and when your 24-hour day starts.

# Edits, notes and company requests

What you can change in your log, what the app keeps, and how your company's suggestions work.

## The rule in one line

Nothing you entered is ever erased. An edit creates a new entry; the old one stays in the file marked "inactive — changed". The officer sees both and your note (§4.3.2.8, §4.4.4.2).

| You can                                                                                               | You cannot                                                                                          |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Change the start time or type of an <b>Off duty</b> , <b>Sleeper</b> or <b>On duty</b> entry you made | Shorten, move or delete <b>Driving</b> time recorded by the truck (lock icon <b>Auto</b> on page 9) |
| Add a status you forgot (for example, On duty for a pre-trip)                                         | Edit intermediate logs, log-in/log-out, engine on/off, malfunction or diagnostic events             |
| Add or change a note, trailer or shipping document                                                    | Change another driver's log                                                                         |
| Accept unidentified driving that was yours (page 9)                                                   | Assign your driving to someone else, except a co-driver correction with both confirmations          |

**How to edit (page 9).** Logs → day → event → **Edit**. Change the time or status, write a note of at least 4 characters ("Forgot pre-trip" is enough — the app will not save without one, §4.3.2.6), Save. If the day was already certified, certify it again.

## No GPS when you change status?

The app asks you to type where you are, for example "Barstow, CA". The entry shows **M** (manual) in the location fields. You cannot type a location at any other time (§4.3.2.7). If the ELD has had no GPS fix in the last 5 miles, the entry shows **X**; after a positioning malfunction (code **L**) it shows **E** until the malfunction clears.

## Company suggested a fix (Settings → Request list)

- 1 Your safety team cannot change your log.** They can only propose a change in their portal with a reason (§4.3.3.1.3).
- 2 The proposal appears in Request list and on the bell.** Open it: you see the current entry, the proposed entry and the reason.
- 3 Accept or Reject.** Until you act, your original entry stays active and the file shows the proposal as "change requested". A rejected proposal stays in the file as "change rejected". No one at your company or at TRUCKING42, INC can apply it for you.
- 4 Accepted a change on a certified day?** Certify that day again.

# Personal conveyance and yard moves

When you may use them, what the app records, and what stays private.

These two options appear on the Status screen only if your company has turned them on for your account (§4.3.2.2.2, §4.3.3.1.1). Pick one **before** the truck moves — once it is rolling, Driving starts automatically and cannot be changed afterwards.

|                      | Personal conveyance (PC)                                                                                                                                                            | Yard move (YM)                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| What it is           | Driving the truck for yourself while off duty: to a motel, to food, home from a drop. Not for work, not to advance a load.                                                          | Moving the truck inside a yard, terminal or customer lot. Counts as On duty.     |
| How to start         | <b>Status → Off duty → PC</b> , type a note (4+ characters, e.g. "to motel"), Save.                                                                                                 | <b>Status → On duty → YM</b> , type a note, Save.                                |
| What the app records | Off duty. Location rounded to about 10 miles. Odometer and engine hours left blank in the log (§4.7.3). Still an entry every hour of motion.                                        | On duty. Full location and odometer, like any other driving.                     |
| How it ends          | Tap <b>Change status</b> , or turn the engine off. At the next engine start the app asks "Continue personal conveyance?" — tap <b>Yes</b> before moving, or it switches to Driving. | Tap <b>Change status</b> , or turn the engine off. YM always ends at engine-off. |
| Who decides          | Your company turns PC on or off per driver and is responsible for its proper use under FMCSA guidance.                                                                              | Same.                                                                            |

## Privacy during personal conveyance

Your company can see that PC was on and for how long. It cannot see your exact route: the ELD stores your position to one decimal place (about 7 miles) and leaves odometer and engine hours blank, exactly as the rule requires. Normal recording resumes the moment PC ends.

## Sound and screen

When your status is **Sleeper** and no co-driver is Driving, the app mutes all its sounds automatically (§4.7.1). You can also turn sounds off under **Settings**. The **M** and **D** boxes and the current status stay visible from the driver's seat whenever the app is open; keep the tablet mounted where you can see it.

# Your own records

You can get a copy of your logs at any time, without asking your company (§4.7.2).

- 1 **In the app: Logs → pick the day or a range → Export.** Choose **PDF** (the same view the officer sees: header, graph, every event with notes) or **ELD file** (the FMCSA CSV format). Save to the tablet or share by email.
- 2 **On a computer: trucking42.com/driver.** Log in with your Driver ID. You see only your own logs and can download any period your company still holds.
- 3 **Keep what you export.** Logs stay on TRUCKING42 servers for at least 6 months (§4.9.2) and may be kept longer by your company. Your exports are yours to keep.

## Who else can see your logs

Your company's support personnel, and a safety official during an inspection or audit. Nobody else. TRUCKING42, INC staff can read records for support only after you or your company ask, and every such access is logged.

# For your company: back office

Short reference for safety and dispatch staff. Full administrator guide:  
trucking42.com/admin-guide.

| Task                         | Where                                                                                                                  | Rule                                                                                                                          |
|------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Create a driver              | <b>Users → Add driver:</b> name, Driver ID, license number and state, home-terminal time zone, start of 24-hour period | One account per license per carrier; license data stored encrypted (§4.1.2)                                                   |
| Enable PC / YM               | <b>Users → driver → Driving options</b>                                                                                | Off for every new driver until you turn them on; every change is recorded and shown to the driver at next log-in (§4.3.3.1.1) |
| Propose a log correction     | <b>Logs → driver → day → event → Request edit</b> with reason                                                          | Driver must accept in the app; driving time cannot be shortened or reassigned (§4.3.3.1.3)                                    |
| Unidentified driving         | <b>Unidentified → vehicle:</b> assign to a driver (driver still accepts) or annotate why it stays unassigned           | Keep under 30 min per vehicle per day to avoid diagnostic 5 (§4.6.1.6)                                                        |
| Produce records for an audit | <b>Data requests → New:</b> drivers, vehicles, dates → send by Web service / Email to FMCSA or download                | Any subset of the last 6 months, on request of a safety official (§4.9.2)                                                     |
| Audit log                    | <b>Settings → Audit log</b>                                                                                            | Every admin action with time, user and before/after values; append-only; retained 3 years                                     |

DATE \_\_\_\_\_