

Quantum ELD

User Manual

support@quantumeld.com

Downloading Quantum ELD app

Please ensure you have connected a ELD to your Vehicle Gateway before continuing

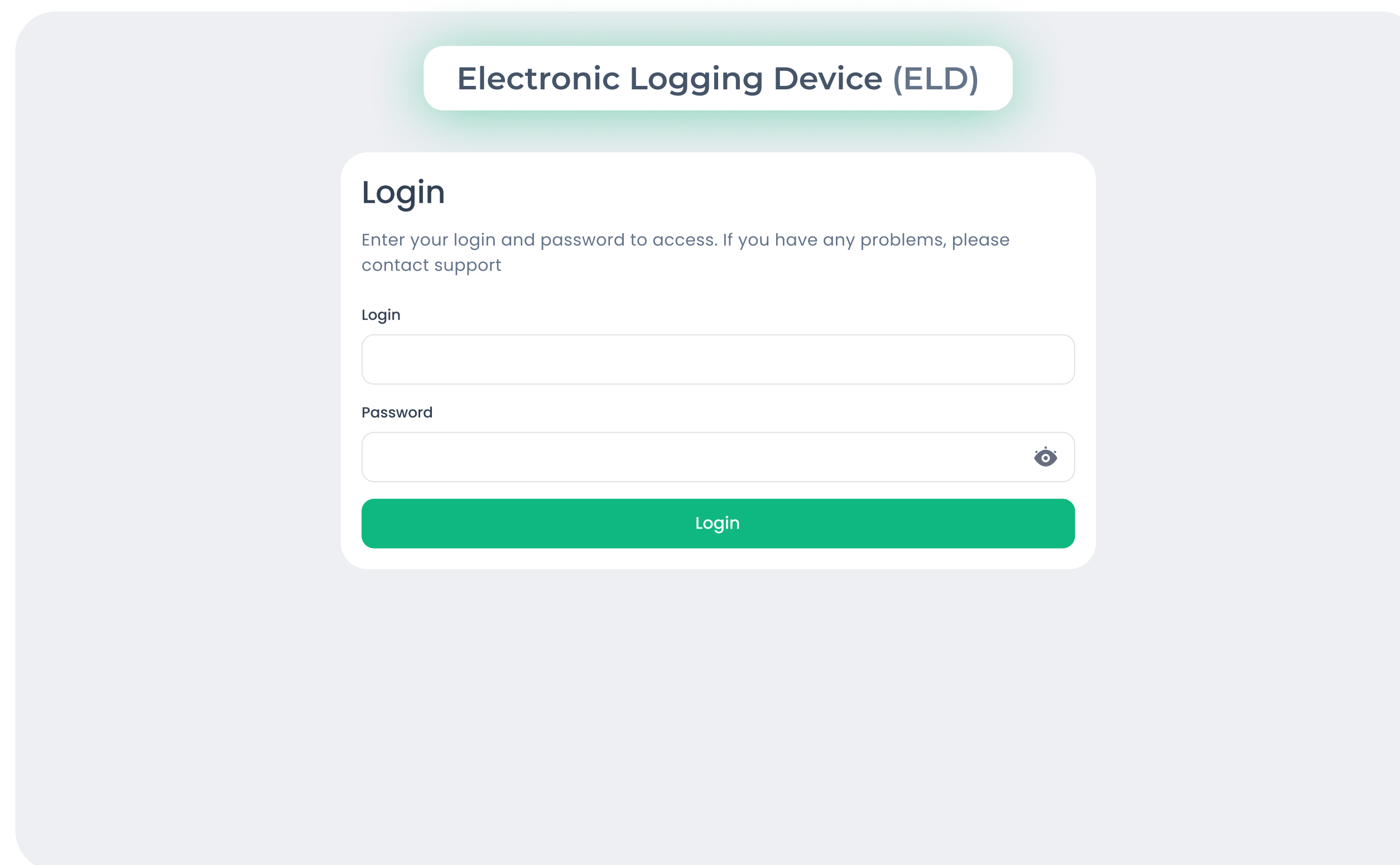


Download the **Quantum ELD** app from the Google Play Store (for Android phones/tablets) or the App Store (for iPhones and iPads)



Logging into Quantum ELD app

Before you begin driving, you must sign in to the **Quantum ELD** app!
If you do not have **Quantum ELD** account, please contact your fleet manager.

A screenshot of the Quantum ELD app login interface. At the top, a white pill-shaped button with a green border contains the text "Electronic Logging Device (ELD)". Below this is a white rounded rectangle containing the "Login" section. The section has a title "Login", a subtitle "Enter your login and password to access. If you have any problems, please contact support", and two input fields labeled "Login" and "Password". The "Password" field has a toggle icon on the right. At the bottom of the white rectangle is a green button labeled "Login".

Electronic Logging Device (ELD)

Login

Enter your login and password to access. If you have any problems, please contact support

Login

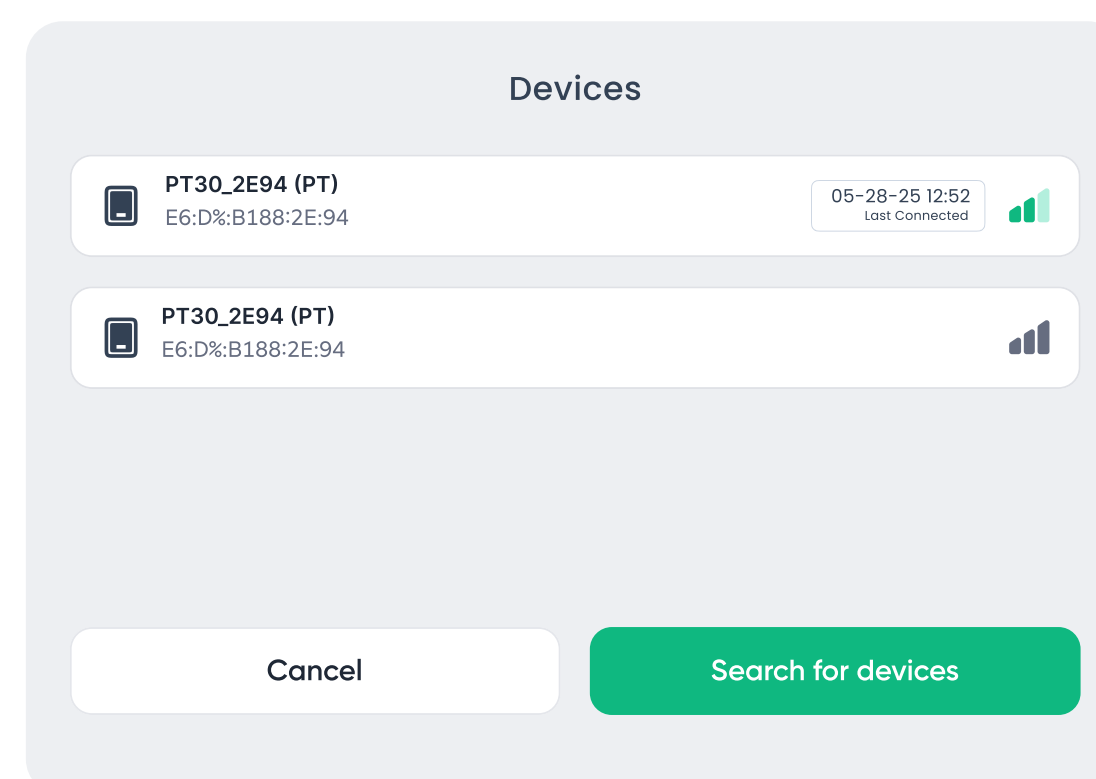
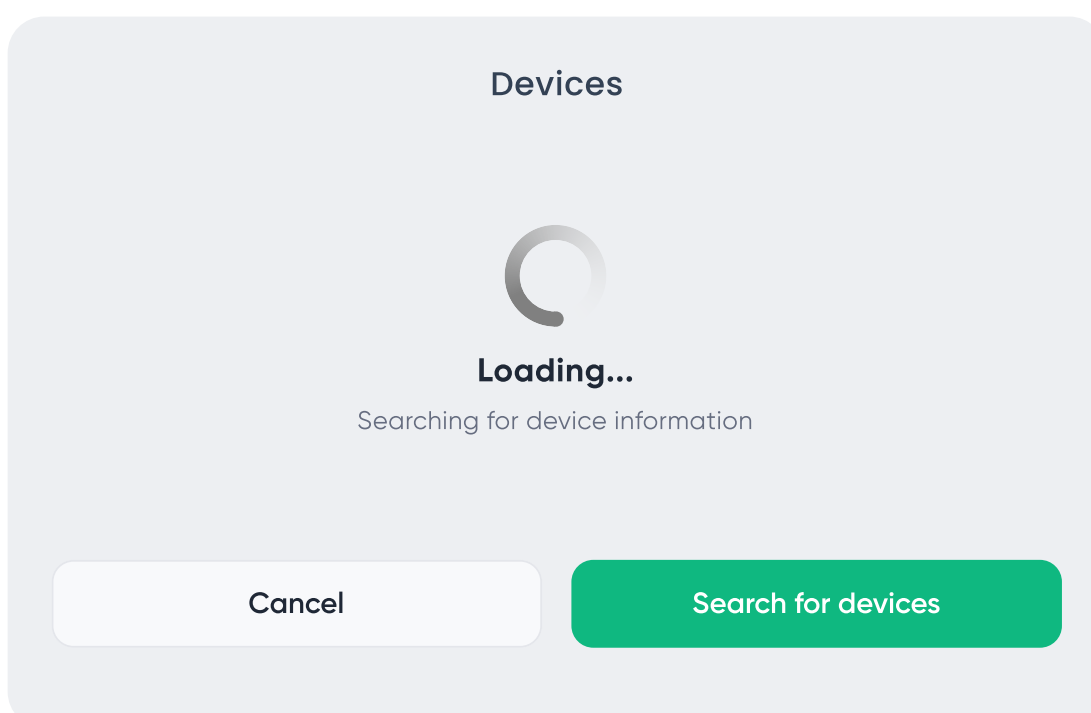
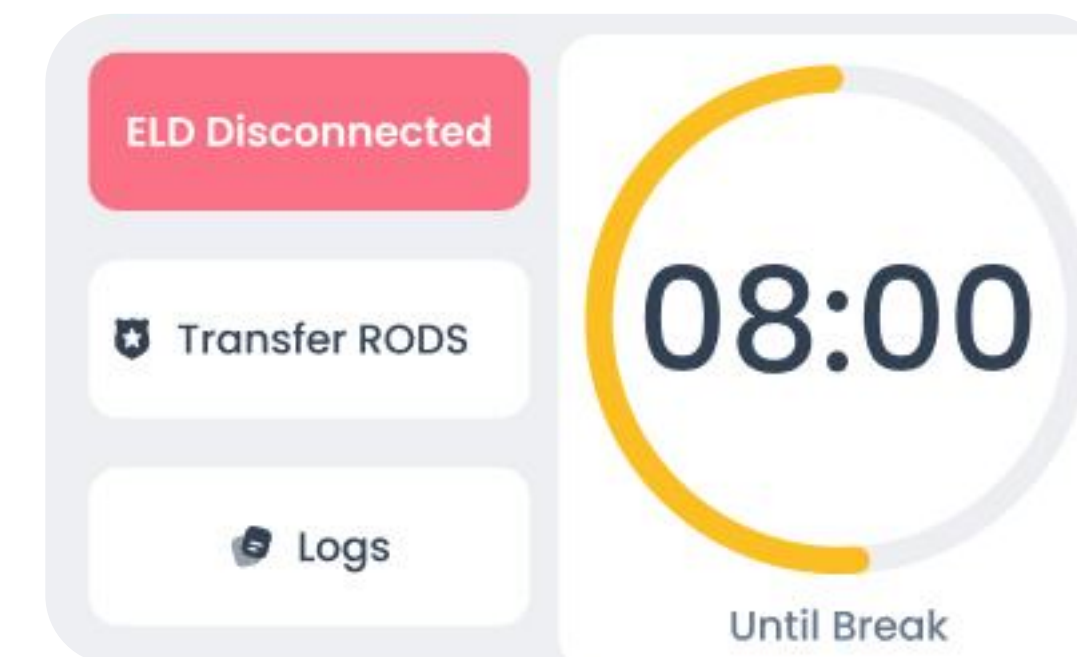
Password

Login

- Open the **Quantum ELD** app
- Enter your username, password and tap **Login** button

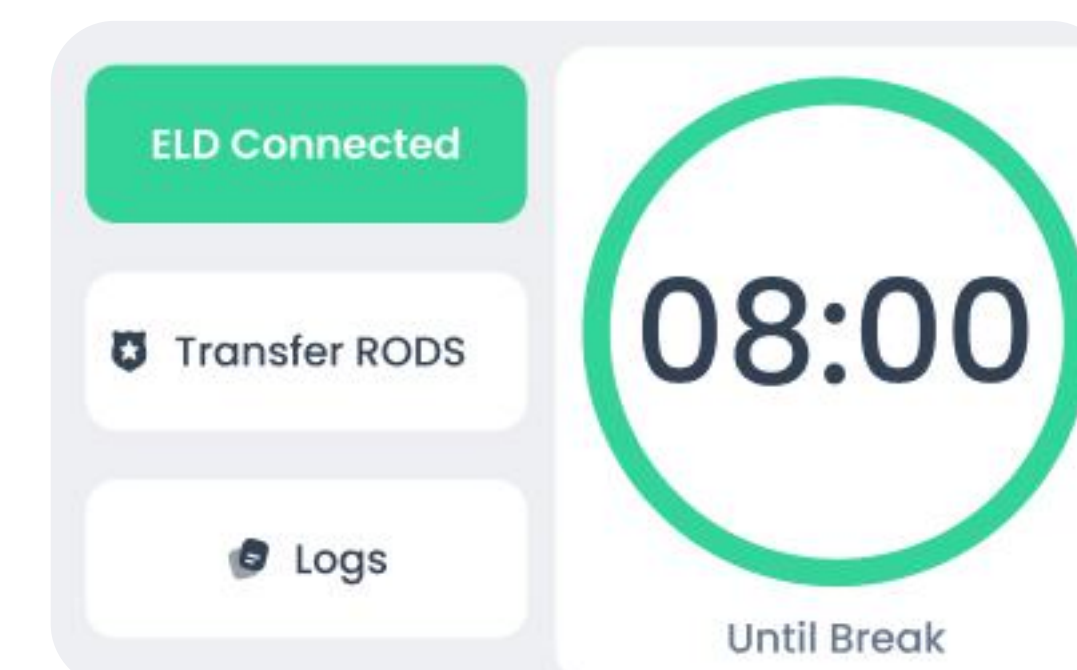
ELD Connection

Click on the **Red button** in the top left corner

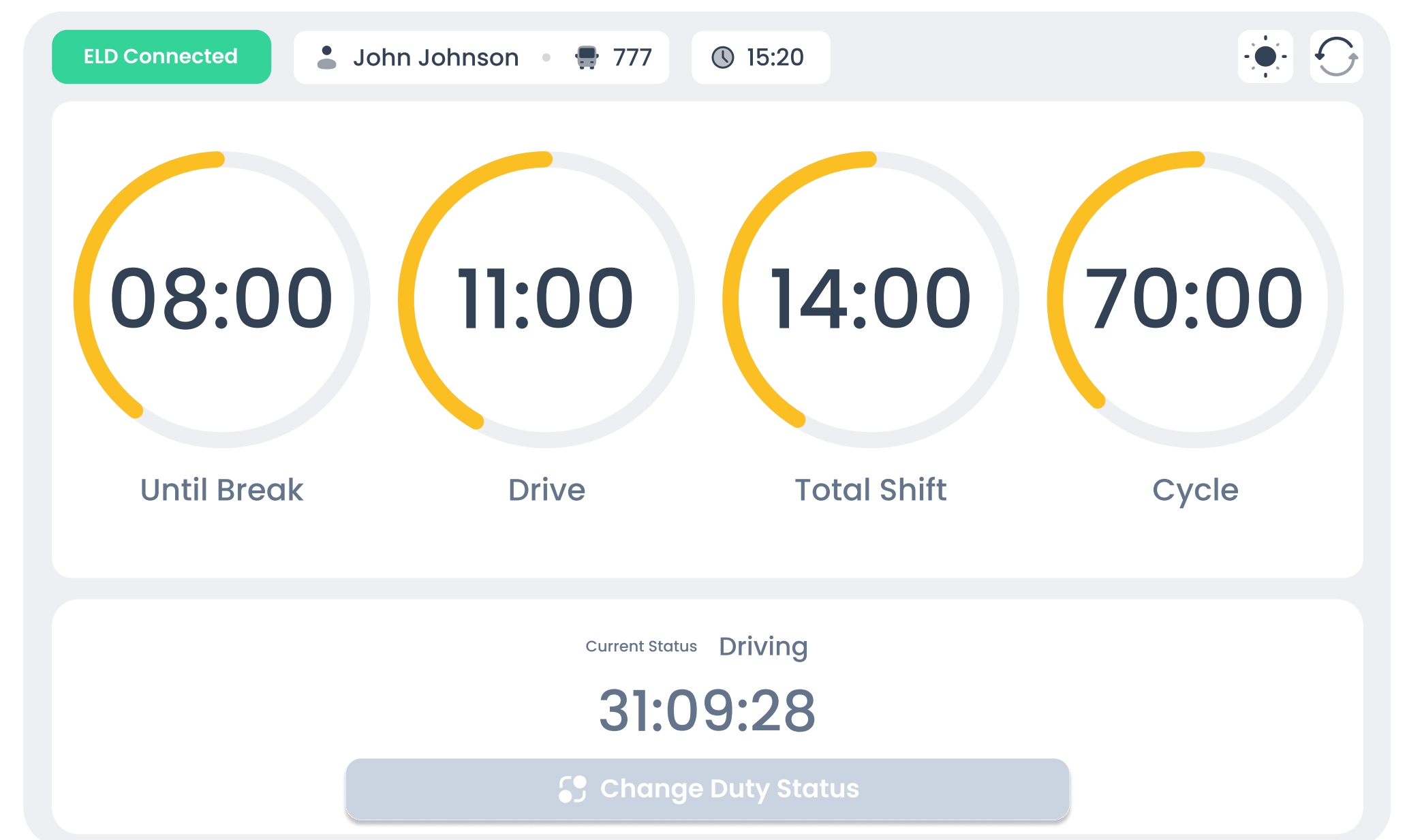
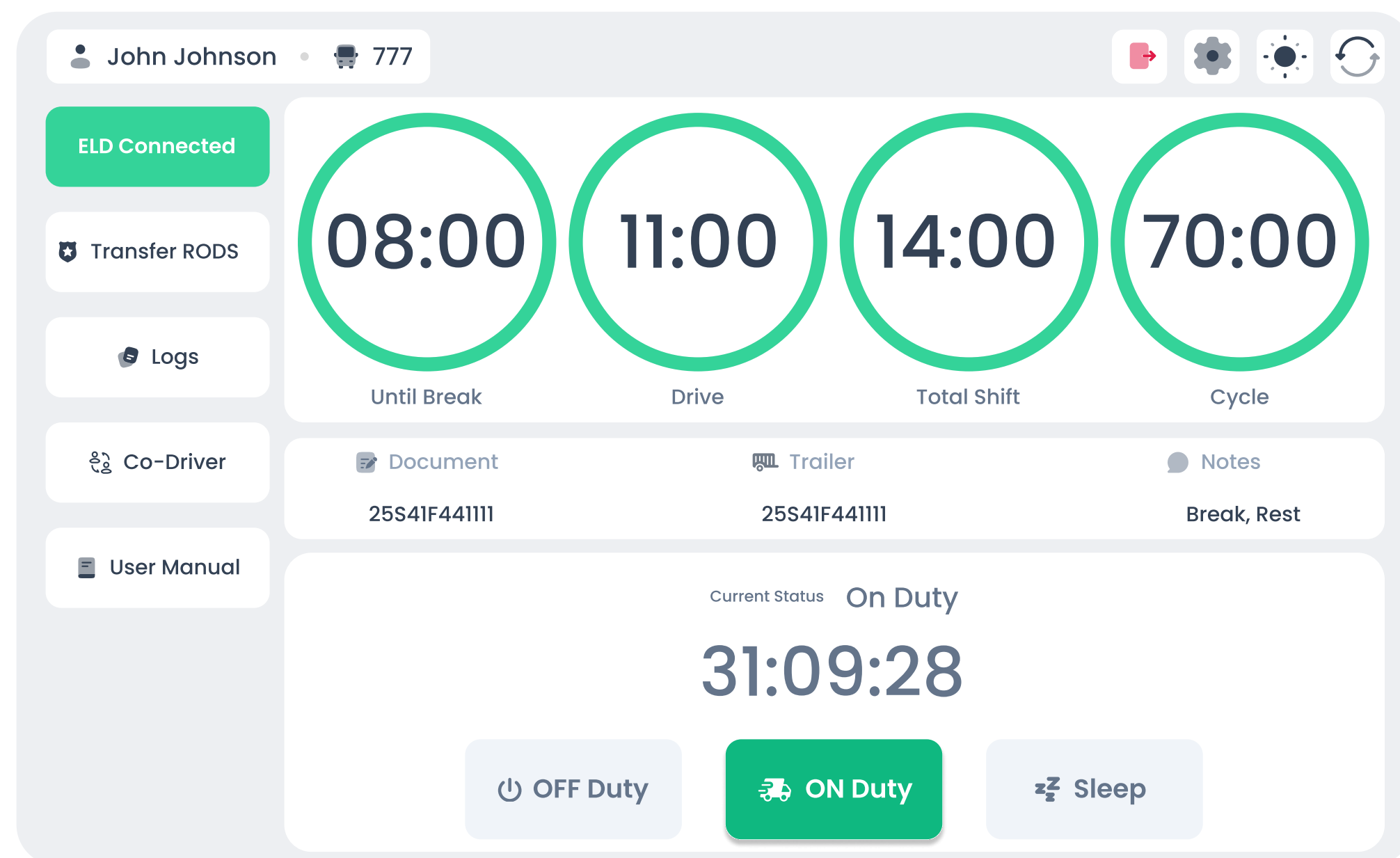


Wait until the device is detected and select it

When the device is connected, the button will turn green



Start your Shift



When your vehicle is moving 5 mph or more, **Quantum ELD** will automatically update your current duty status to **Driving** and switch the app window to **Driving mode**

Status Change

When the vehicle has stopped moving for **5 minutes**,
your duty status will automatically be set to **On Duty** (ON duty, not driving)

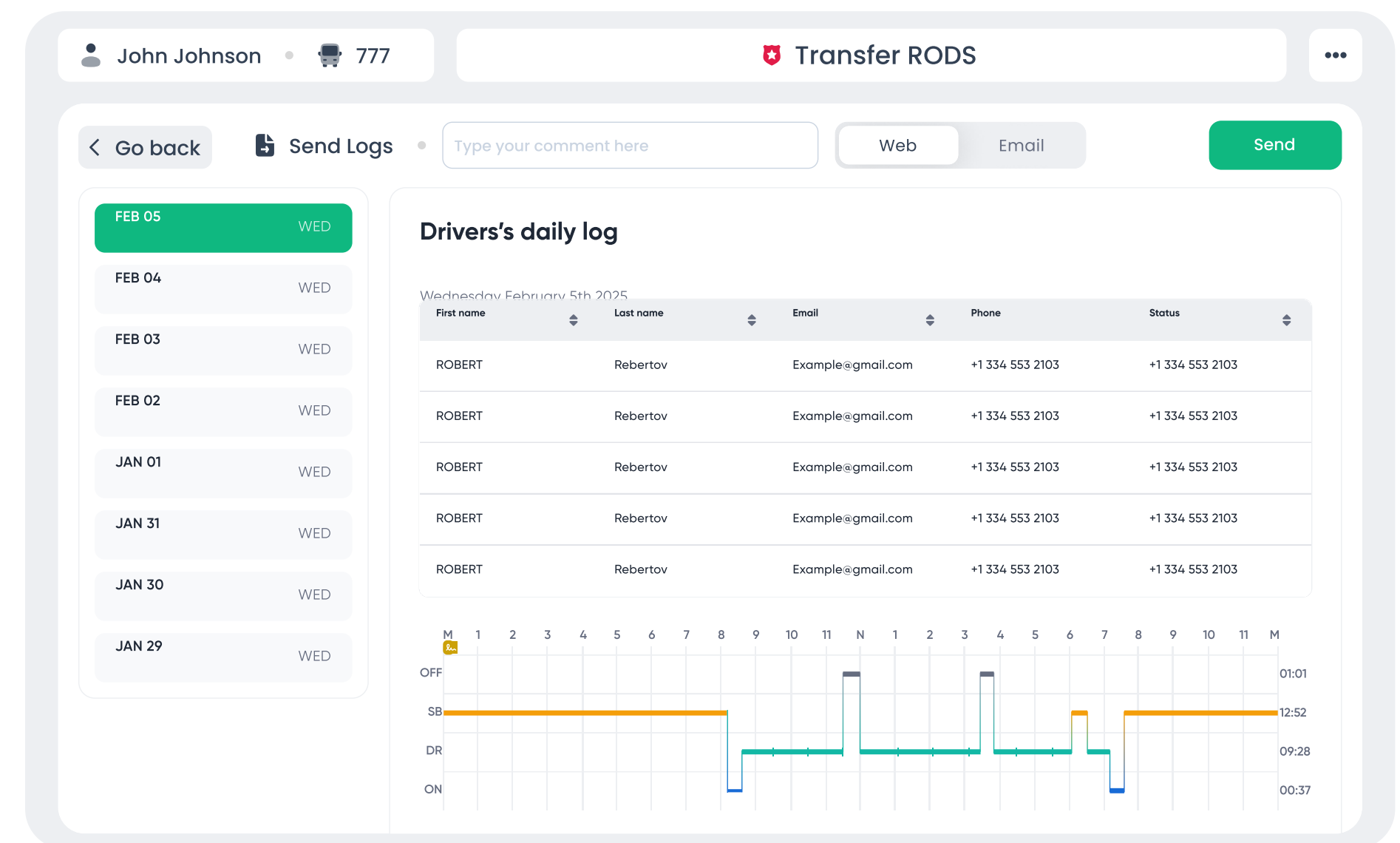
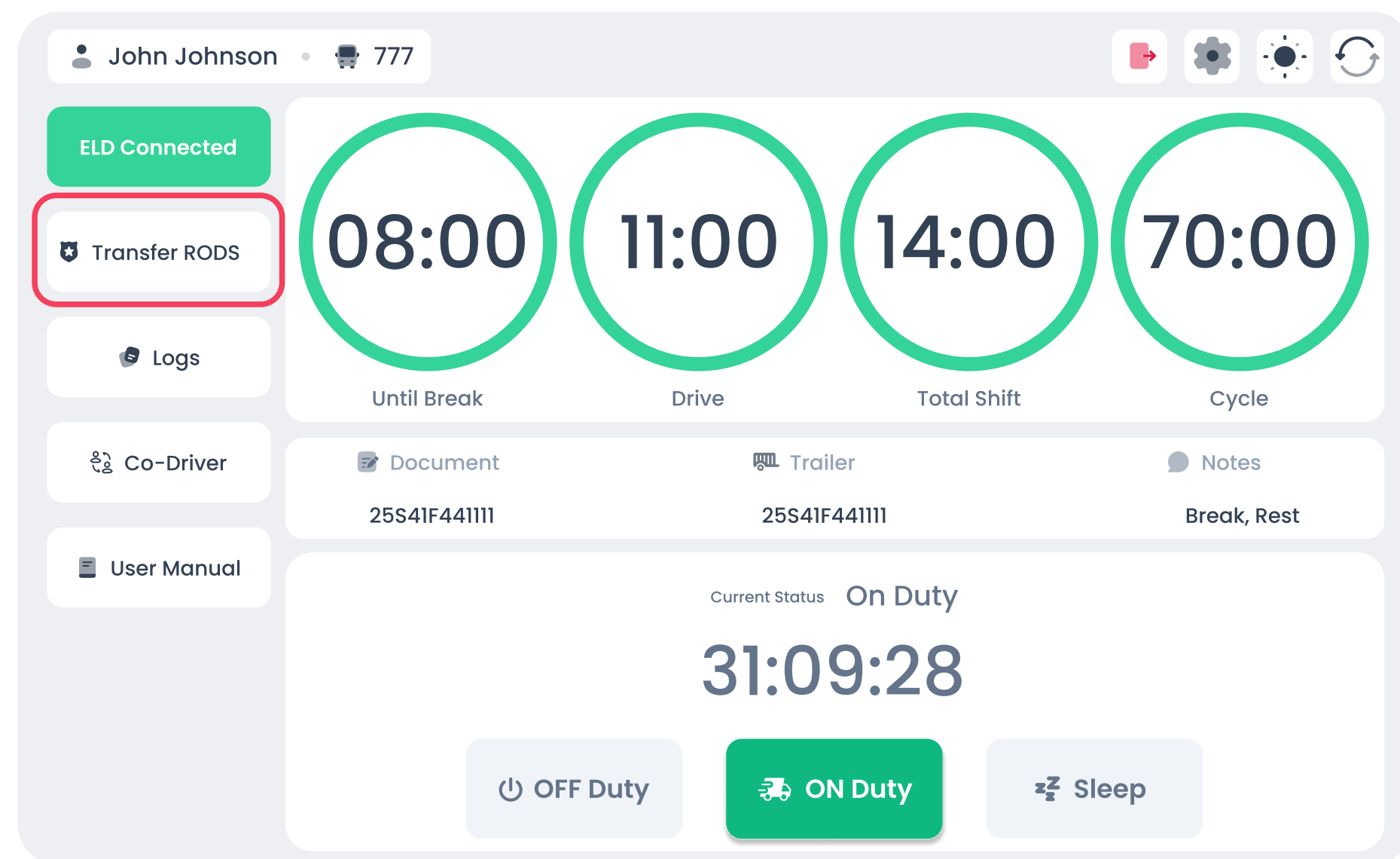
The main dashboard interface for John Johnson (ID 777). It features a sidebar with links: ELD Connected, Transfer RODS, Logs, Co-Driver, and User Manual. The main area displays four large circular timers: 'Until Break' (08:00), 'Drive' (11:00), 'Total Shift' (14:00), and 'Cycle' (70:00). Below these are fields for Document (25S41F441111), Trailer (25S41F441111), and Notes (Break, Rest). The current status is 'On Duty' with a timer showing 31:09:28. At the bottom, there are three buttons: 'OFF Duty', 'ON Duty' (highlighted in green), and 'Sleep' (highlighted with a red border).

You can choose another status
depending on your situation

Fill out the form and click **Save** button

The 'Change Duty Status' form. It shows the current status as 'On Duty'. At the top, there are three buttons: 'OFF Duty', 'ON Duty' (highlighted in green), and 'Sleep'. Below these are input fields for Document (with a 60-second timer), Trailer (with a 60-second timer), Notes (with a 60-second timer), and Location (Current Location). At the bottom, there are two buttons: 'Cancel' and 'Save' (highlighted with a red border).

Showing Logs to Officers



- Tap the **Transfer RODS** button at the top left corner
- Driver record of duty status for the current 24-hour period and the previous 7 consecutive days will be listed
- Show the record of duty status for the current 24-hour period and the previous 7 consecutive days to the officers

Send ELD Output file to DOT

The screenshot shows the 'Transfer RODS' app interface. At the top, there's a header with a user profile 'John Johnson' and a vehicle icon '777'. Below this is a navigation bar with a 'Go back' button, a 'Send Logs' button (highlighted with a red box), a text input field 'Type your comment here', and two buttons 'Web' and 'Email'. To the right of these is a green 'Send' button. The main content area is titled 'Drivers's daily log' and shows a list of dates from 'JAN 29' to 'FEB 05'. The selected date is 'FEB 05 WED'. Below the date list, there's a table of driver logs for 'Wednesday February 5th 2025'. The table has columns for 'First name', 'Last name', 'Email', 'Phone', and 'Status'. The data shows five entries for 'ROBERT Rebertov' with the email 'Example@gmail.com' and phone '+1 334 553 2103'. Below the table is a timeline graph showing the driver's status (OFF, SB, DR, ON) over the day. The graph has a horizontal axis with time slots (M, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, N, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, M) and a vertical axis with status labels (OFF, SB, DR, ON). The graph shows a blue line for 'ON' status from 00:37 to 01:01, a green line for 'DR' status from 01:01 to 09:28, and an orange line for 'SB' status from 09:28 to 12:52. The 'OFF' status is shown at the top of the graph.

First name	Last name	Email	Phone	Status
ROBERT	Rebertov	Example@gmail.com	+1 334 553 2103	+1 334 553 2103
ROBERT	Rebertov	Example@gmail.com	+1 334 553 2103	+1 334 553 2103
ROBERT	Rebertov	Example@gmail.com	+1 334 553 2103	+1 334 553 2103
ROBERT	Rebertov	Example@gmail.com	+1 334 553 2103	+1 334 553 2103
ROBERT	Rebertov	Example@gmail.com	+1 334 553 2103	+1 334 553 2103

- Tap the **Transfer RODS** button at the top left corner
 - Send logs will be at the top of your daily logs
- Put the provided comment by officer and tap **Send**

Managing Malfunctions of ELD

DRIVER (in accordance with §395.34(a)) MUST

- Notify his motor carrier of the malfunction within 24 hours
- Reconstruct his records of duty status for the current 24 hours and the last seven days on graph-grid paper logs that comply with §395.8
- Continue to keep paper logs until the ELD is serviced and brought back into compliance

MOTOR CARRIER MUST

- Correct, repair, replace, or service the malfunctioning ELD within eight days of discovering the condition or a driver's notification to the motor carrier, whichever occurs first
- Require the driver to maintain paper RODS (record of duty status) until the ELD is back in service

ELD Malfunction codes and causes

- **P – Power Compliance** (The Vehicle Gateway was unable to read the engine's power status)
- **E – Engine synchronization** (The Vehicle Gateway was unable to read engine data such as the odometer or engine hours)
- **T – Timing Compliance** (The ELD's internal clock in the vehicle has not yet synchronized with the server that resulted in a time deviation of 10+ minutes)
- **L – Positioning Compliance** (The ELD has accumulated more than 60 minutes without a GPS lock within a 24- hour period)
- **R – Data Recording** (The ELD does not have sufficient storage capacity to record ELD events)
- **S – Data Transfer Compliance** (The ELD has failed to transfer the driver's logs to the DOT as requested during a roadside inspection)
- **O – Other detected malfunction**