



Qv21
Technologies

*Logistics efficiency through
technology & ingenuity*

Qv21 Technologies, Inc.

ELD Compliance Module – Quick-Start Users Guide



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Introduction

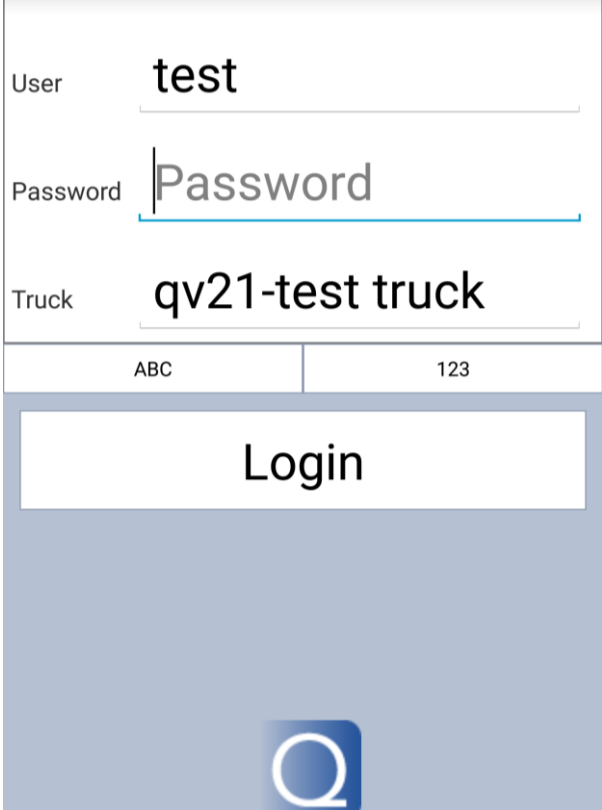
This Quick-Start Guide covers the common elements of our ELD solution for drivers. In addition to this, our Customers are provided with a much more detailed Users Guide, quick reference materials for placement in the CMV, training conducted by one of our Implementations and Training specialist, and training materials for onsite refresher sessions. Qv21 also provides 24/7 Support for our Customers to assist with any questions or issues.

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2. Using the Qv21 ELD Compliance Module


- **Logging in**
 - When the driver opens the Qv21 application on the handset, they will be prompted to login with User Name and Password as provided by a company Administrator or Manager.



The screenshot shows a login interface with three input fields: 'User' containing 'test', 'Password' containing 'Password', and 'Truck' containing 'qv21-test truck'. Below these fields are two smaller input fields with 'ABC' and '123'. A large 'Login' button is centered below the fields. At the bottom of the screen is a blue square icon with a white 'Q'.

User	test
Password	Password
Truck	qv21-test truck
ABC	123

Login



2. Using the Qv21 ELD Compliance Module

- **Record Hours of Service (HOS)**
 - Once a driver logs in on their handset, they will see the following at the top of the screen.
 - **Status Button.** This indicates which duty status the driver is in and allows driver to change status.
 - **Shift/Duty Restart Indicators.** Displays the amount of time that must elapse, as well as the date and time, before the next shift and 7/8-day period will start. At the initial login, and once the required time has elapsed to reset a period, the data and time will display as NOW, indicating a new period is available.

The screenshot displays the HOS interface. At the top, it shows 'SH: [No Job]' and 'RC:'. Below this is a status bar with 'OFF' in a blue box, and four columns: 'Driving' (00:00), 'On Duty' (00:00), 'Avail' (15:00), and '7 Day' (00:00). A table below shows 'Rest' periods: '10 Hour' and '34 Hour'. At the bottom, a large blue box contains the text 'OFF DUTY'.

SH:	[No Job]			
RC:	Driving	On Duty	Avail	7 Day
OFF	00:00	00:00	15:00	00:00

Period	Remains	Ends
Rest		
10 Hour		
34 Hour		

OFF DUTY

2. Using the Qv21 ELD Compliance Module

- **Duty Status Selection**

- **Changing Status.** Tap on the Status Button to access the Change Duty Status screen. The driver can also tap on the Menu button and tap Duty Status.
- **Note:** Locations will be auto populated but a driver can manually enter locations if GPS connectivity fails, and the Odometer will auto populate with data received from the ELD unit.

SELECT EOBR STATUS

SB DR ON

LOCATION: **Austin, Texas**
Enter or use detected location

ODOMETER: **0.0**
Enter or use calculated value

CO-DRIVER:

REMARKS:

Save

3. Editing your Logs

- Viewing your Daily Logs
 - From this screen, a driver can view their current log, changes, and history.

EOBR LOG [QV21 Test Driver, TEST]

Summary | Current | **Changes** | Raw

MID 1 2 3 4 5 6 7 8 9 10 11 NOON 1 2 3 4 5 6 7 8 9 10 11

OFF
SB
DR
ON

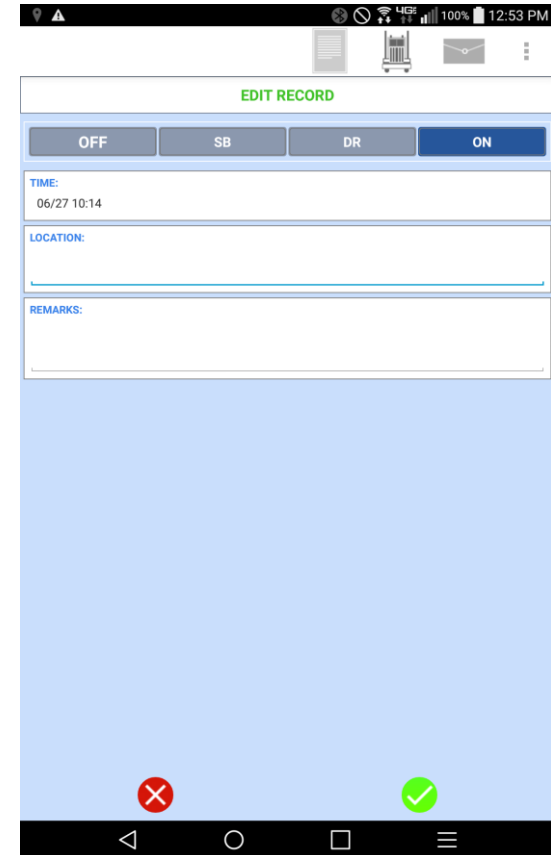
06/21 00:00 - 06/22 00:00

STATUS	TIME	DURATION
LOCATION	ODO	DISTANCE
OFF DUTY	06/21 13:36	10:23
Austin, Texas	0.0	
ON DUTY	06/21 00:00	13:36
Austin, Texas	0.0	

3. Editing your Logs

- **Enter Edit Mode**

- To enter Edit Mode, the driver selects the Edit icon and it will take them to the Edit Record screen.
- From the Edit Screen the driver can Edit Duty Status Events, Add Notes, and Add Duty Status.



4. Finding Errors in your Logs

- Identifying Errors or Omissions in your Log
 - To find errors or omissions, the driver must simply scroll through their logs to identify issues.



4. Finding Errors in your Logs

- **Fixing Errors using Edit**
 - If a driver finds errors or omissions, they will go into Edit Records and select the Enter New Record option to correct.

ENTER NEW RECORD

OFF SB DR ON

TIME:
06/29 12:55

LOCATION:

REMARKS:

5. Signing your Logs

- **Signing the Driver Log**

- To sign their logs, a driver would go to the EOBR Certification screen and with their finger or stylus they can sign the log.

EOBR CERTIFICATION

06/29/2017

Sign here

I hereby certify that my data entries and my record of duty status for this 24-hour period are true and correct.

6. Creating a Driver Vehicle Inspection Report (DVIR)

- **Doing a Pre-Trip Inspection**

- To do a pre-trip inspection the driver will tap on the DVIR icon and select Pre-Trip. This will bring up all of the custom configured inputs. The driver will go through each section and select Pass or Fail, depending on the inspection results. If something fails a maintenance request can be sent immediately to a pre defined email distribution for action.

PRE TRIP TRUCK QVTEST21	
✓ MISCELLANEOUS	
✓ BODY/FRAME	ALL
✓ ENGINE	ALL
✓ CLUTCH	ALL
✓ TRANSMISSION	ALL
✓ BRAKES	ALL
✓ INSTR. PANEL	ALL
✓ ELECTRICAL	ALL
✓ STEERING	ALL

6. Creating a Driver Vehicle Inspection Report (DVIR)

- **Doing a Post-Trip Inspection**

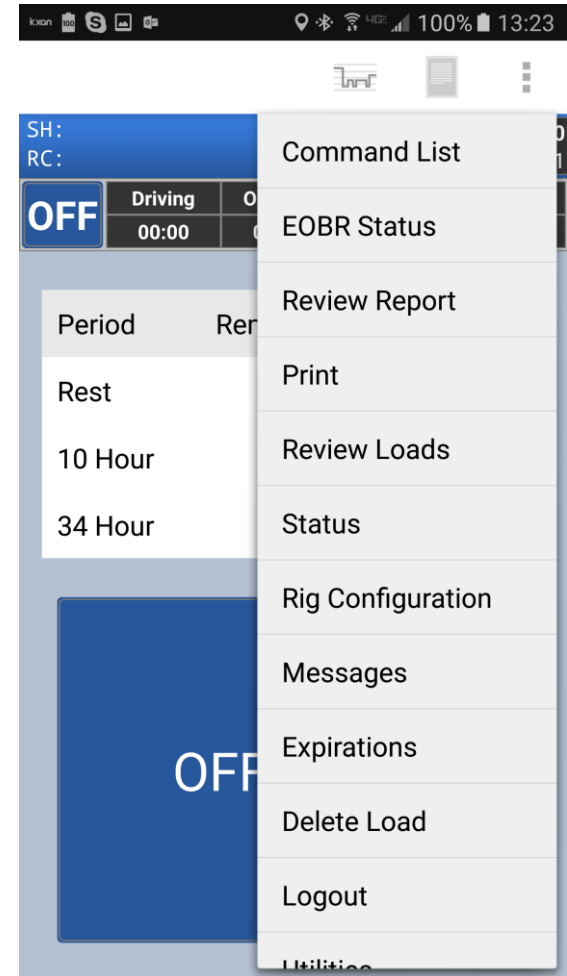
- To do a post-trip inspection the driver will tap on the DVIR icon and select Post-Trip. This will bring up all of the custom configured inputs, similar to the pre-trip. The driver will go through each section and select Pass or Fail, depending on the inspection results. If something fails a maintenance request can be sent immediately to a pre defined email distribution for action.

POST TRIP TRUCK QV21TEST	
✓ MISCELLANEOUS	
✓ BODY/FRAME	ALL
✓ ENGINE	ALL
✓ CLUTCH	ALL
✓ TRANSMISSION	ALL
✓ BRAKES	ALL
✓ INSTR. PANEL	ALL
✓ ELECTRICAL	ALL
✓ STEERING	ALL

7. Roadside Inspections

- Onscreen Log Inspection

- To let an official inspect the driver logs from the handset, the driver would tap on the 'graph' icon from the tools bar or select from the dropdown. This will bring up the driver logs. The driver would hand the handset to the safety official for inspection.



7. Roadside Inspections

- **Driver Log Review**
 - A safety official can review Current, Summary (history), and Changes by selecting the desired tab to see the graphs and also by scrolling on the associated records.



7. Roadside Inspections

- Qv21 uses the Web services option for transferring data to the FMCSA server.
 - Once the official has reviewed the logs on the handset, they can have the driver simply tap on the 'transmit logs' button to transfer data via Web services using a routing code provided by the safety official.

