SMART ELOG

# AUTOMATED DRIVING STATUS TERMINATION POLICY



## *SECTION 1: OPERATIONAL OVERVIEW*

The Smart eLog platform automatically terminates an active Driving event whenever vehicle motion ceases or the engine is turned off, ensuring accurate compliance records under regulatory guidelines. These automated duty status changes rely on continuous data exchange between the Smart eLog app, vehicle diagnostic port, and ELD module.

## *SECTION 2: AUTOMATED LOGIC SCENARIOS*

### 2.1 Engine Shutdown

Triggered when the app receives an engine power-down signal from the ELD unit, based on the selection under **Settings → Event after engine off:**

**a)** Personal Choice Option: Upon engine shutdown, a window with a 60-second timer appears on screen prompting the driver to select Off Duty, Sleeper Berth, or On Duty. If no selection occurs before countdown ends, the app defaults to On Duty.

**b)** Automatic On Duty Option: When engine shut-off is registered, status automatically updates to On Duty immediately without displaying a prompt or countdown.

### 2.2 Vehicle Stationary State

Active when vehicle speed drops to 0 mph while the engine remains running, the system operates as follows:

• **Step 1:** Smart eLog initiates a 5-minute idle countdown upon detecting 0 mph speed.

• **Step 2:** After 5 minutes, a prompt displays a 60-second countdown requesting a status update (Off Duty, Sleeper Berth, or On Duty).

• **Step 3:** If unanswered within 60 seconds, the driver's log is automatically set to On Duty.

## *SECTION 3: MANDATORY CONDITIONS FOR OPERATION*

For automated status changes to execute as intended, the following operational conditions must be met:

1. Smart eLog must remain open and active on the driver's device (tablet or mobile phone).
2. Continuous connection between the mobile app, vehicle diagnostic port, and ELD unit is required for real-time ECM streaming.

## *SECTION 4: SYSTEM LIMITATIONS & CONDITIONS*

For automated status switching to function correctly, the following conditions must be maintained. Automatic transition from Driving to a static status is not possible if:

- The driver's tablet or phone has been shut down.
- The mobile app is no longer running due to a forced shutdown or termination.
- The ELD connection is unavailable within the mobile application.
- The truck is no longer detecting the connected ELD device.

Important: If connectivity drops, drivers must review their logs and manually correct duty statuses once reconnected.