GAME 06: THE HOS PUZZLE

MASTERING FMCSA HOURS OF SERVICE & ELD COMPLIANCE



MODULE: SEASON 2 (OPERATOR)
FEDERAL STANDARD: ELDT TOPIC 23

Gemini Notebook



FEDERAL REALITY

ELDT Topic 23 dictates absolute adherence to Hours of Service. Violations trigger real-world fines, fleet shutdowns, and suspended licenses.



ESPORTS TRANSLATION

A single logbook error or minute of over-driving triggers an instant run failure. No checkpoints. No exceptions.

GAME ID: **06**

SCENARIO: **HOS PUZZLE**

TYPE: **Non-Driving**

TIME REMAINING: **00:00:00**

CONSEQUENCE:

VIOLATION = GAME OVER

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20 hr
12 hr
14 hr
18 hr
24 hr
6 h
0 h
2 h
0
11-Hour Drive Clock
The innermost constraint
70-Hour Weekly Limit
The overarching capacity
14-Hour Shift Window
Encloses the drive clock
00:00:00
70-Hour Weekly Limit
The overarching capacity
The FMCSA Trifecta
You are bound by whichever ring hits zero first.
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20 hr 12 hr 14 hr 18 hr 24 hr

5 h

0 h

2 h

0

THE 14-HOUR WINDOW

THE 11-HOUR LIMIT



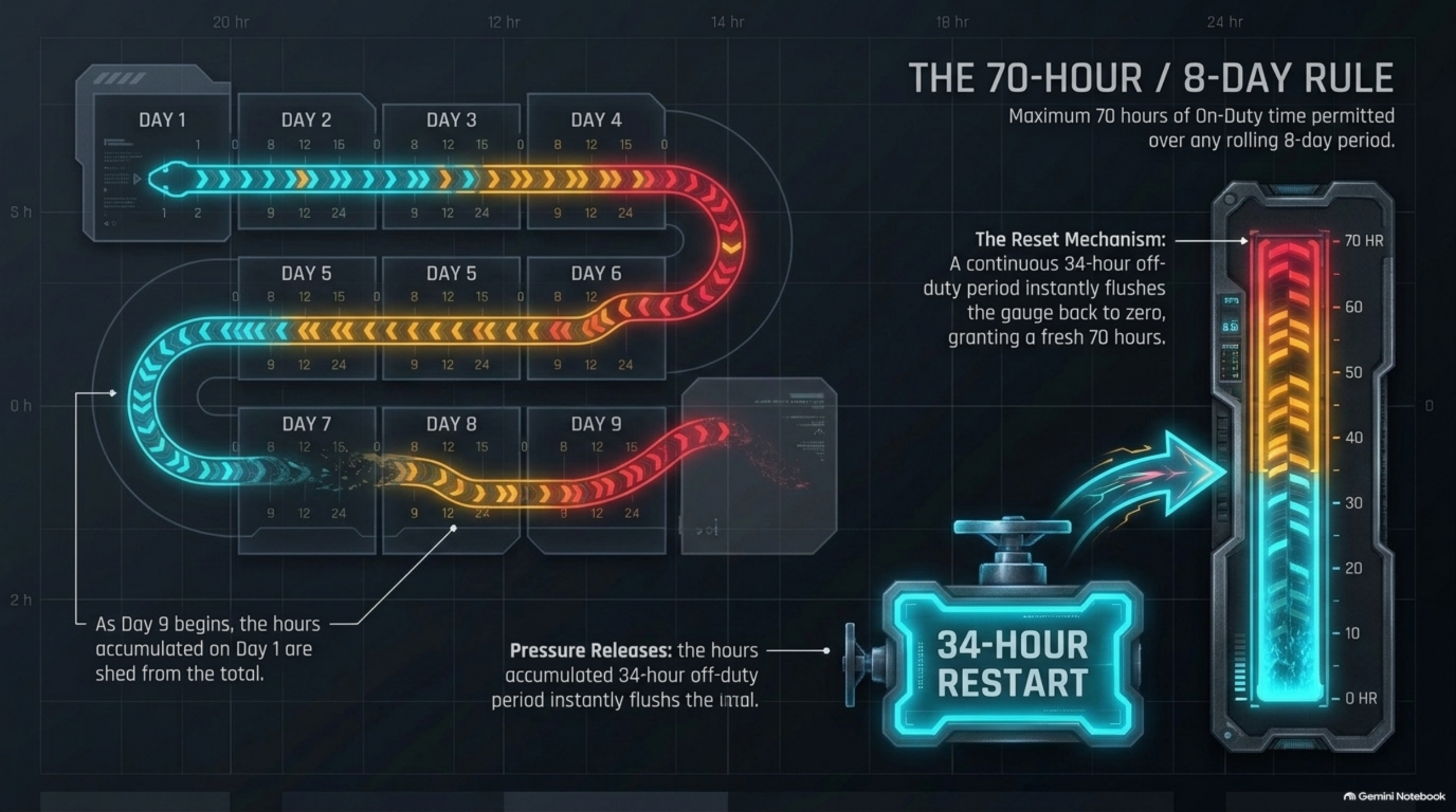
The rigid operational envelope.
Once triggered by coming On-Duty, this clock never stops ticking—even during breaks or delays.

Maximum permissible time physically moving the wheel.
Depletes only while in motion.

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THE 70-HOUR / 8-DAY RULE

Maximum 70 hours of On-Duty time permitted over any rolling 8-day period.



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	Triggered By	Hard Limit	Paused By	Reset Condition
11-Hour Drive	Driving	11 Hours	Any non-driving status	10 Hours Off-Duty
14-Hour Shift	Coming On-Duty	14 Hours	Cannot be paused	10 Hours Off-Duty
70-Hour Week	Any On-Duty Activity	70 Hours	N/A	34-Hour Restart
30-Minute Break	8 Cumulative Hours Driving	Mandatory Stop	N/A	30 Mins Off-Duty

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Advanced Mechanics: The Split Sleeper Berth

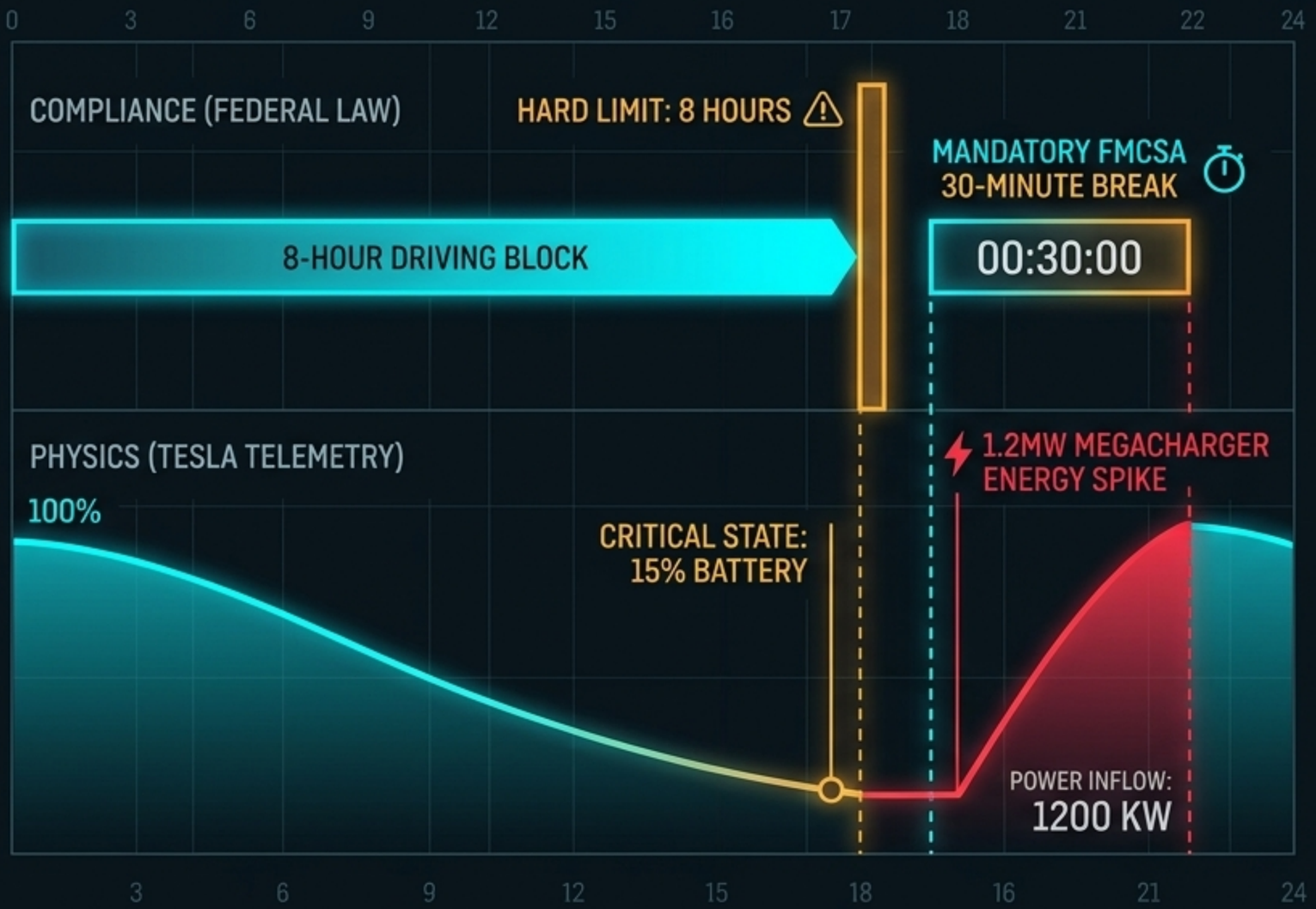


How to pause the un-pausable:
Using an 8/2 or 7/3 split is the single legal workaround to freeze the 14-hour clock.

Rule: The two segments must perfectly interlock to equal at least 10 total hours.

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SYNTHESIS: FEDERAL COMPLIANCE & TESLA PHYSICS



THE PRO META: SYNCING FEDERAL COMPLIANCE WITH BATTERY CHEMISTRY.

Executing the mandatory FMCSA 30-minute break while physically connected to a 1.2MW Megacharger results in zero wasted operational time.

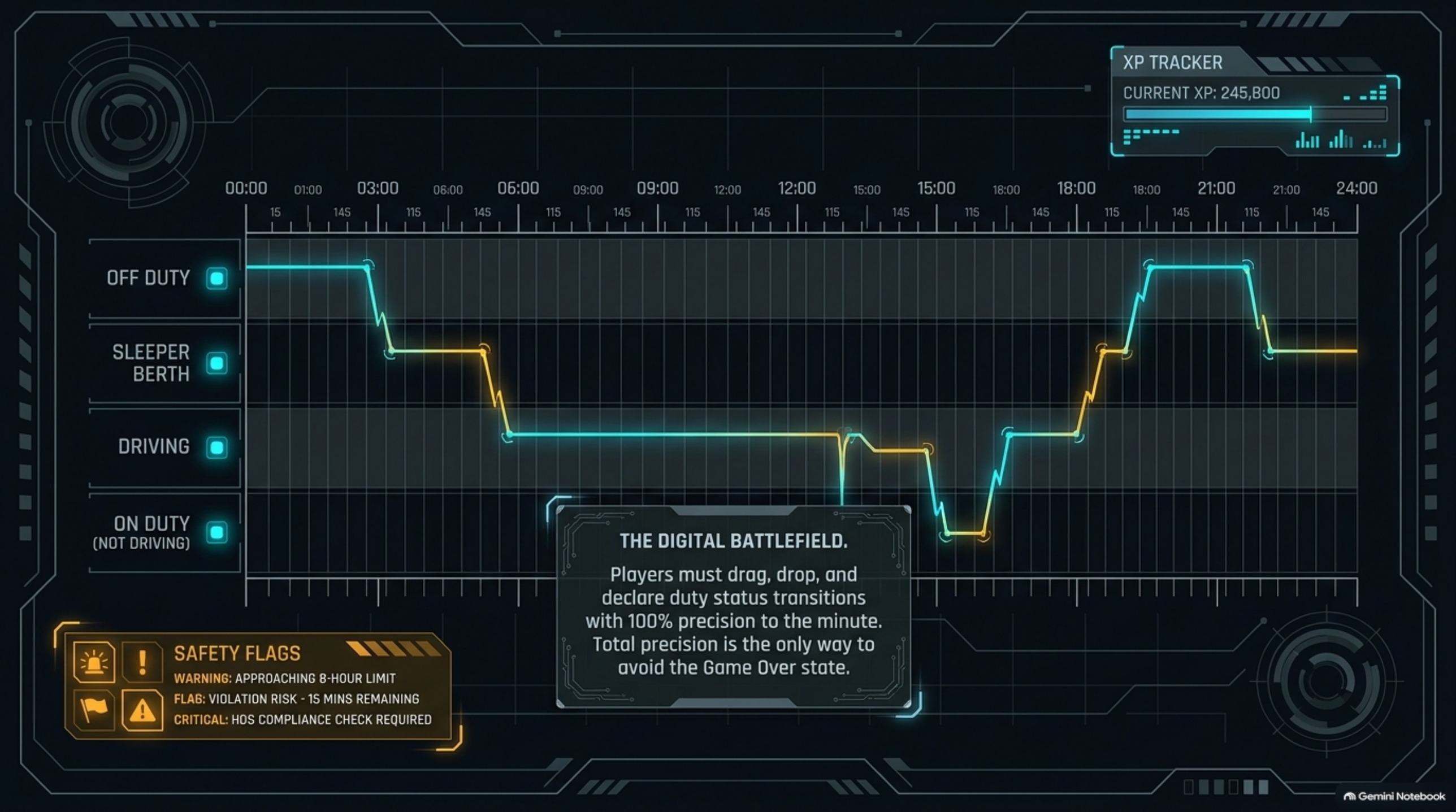
THE SYNERGY: ZERO WASTED OPERATIONAL TIME.

Achieves simultaneous compliance and critical energy replenishment, optimizing route efficiency and downtime.

CONTEXT MARKER: ELITE 1.7 KWH/MI EFFICIENCY.

Required to maintain the elite 1.7 kWh/mi target efficiency on the 500-mile route.

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The Takeaway: The massive 50-point deduction for safety flags ensures that compliance aggressively overrides raw speed.

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NODE 1



Game Passed:
Mastering the HOS Puzzle validates theoretical knowledge.

#	Topic	Category	Esports Game Drill
1	Orientation	Basic Operation	Game 0 Orientation Sim
2	Control Systems/Dashboard	Basic	Game 1 Dash Master
3	Pre/Post-Trip Inspectio		Game 4 Inspection Hunt
4	Basic Control		& Wheel
5	Shifting/Operating		
6	Backing and Docking		Tetris
7	Coupling and Uncoupli		g Chaos
8	Visual Search		anagement
	ion		
	ing		
	gement		
	nagement		ment
13	Night Operation		ne
14	Extreme Driving Condi		
15	Hazard Perception		way
17	Skid Control/Recovery		ary
18	ID and Diagnosis of Malfunctions	Vehicle Systems	Dash Master
19	Roadside Inspections	Vehicle Systems	Inspection Hunt
20	Maintenance	ms	Tesla Battery Mgmt

NODE 2



TPR Reported:
The system automatically verifies an 80%+ score and logs completion with the FMCSA Training Provider Registry for ELDT Topic 23.

NODE 3



Real-World Dispatch:
Legally and operationally cleared to advance toward the Day 120 500-mile finals and qualify for Tesla Remote Operator staffing.

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