

What BoundaryScore™ Means for Consumers

A clearer view of real-world AV and ADAS performance—not a guarantee of safety.

1 How can I know whether an AV or ADAS system is safe?

No rating can prove that a vehicle or automated system will be safe in every situation. Roads, weather, traffic, software, operating conditions and human behavior all change. BoundaryScore™ adds something consumers do not have today: independent, comparable evidence of how a system actually performs in defined real-world conditions. It makes a safety judgment better informed—not absolute.

2 What does BoundaryScore™ actually measure and monitor?

BoundaryScore™ compares directly measured motion—including speed, trajectory, braking and stopping—with selected vehicle-reported state and operating context. Its Motion Validation Envelope™ identifies agreement and meaningful discrepancy over time. It evaluates physical performance without needing to open the vehicle's proprietary technology stack or capture faces, passengers, conversations or surrounding imagery.

3 What does the rating mean—and what does it not mean?

A rating summarizes measured performance under stated conditions and a disclosed methodology. A stronger rating means the evidence met those criteria more consistently. It does not certify universal safety, promise that a failure cannot occur, predict the next event, replace a recall or regulator finding, or determine legal fault. Being monitored means behavior is being observed and evaluated—not declared safe.

4 How is BoundaryScore™ different from existing third-party ratings and metrics?

Crash tests examine impact protection. Reviews may assess features, quality or reliability. Insurance and telematics programs often focus on driver behavior. Incident and disengagement statistics can vary in definition and reporting. BoundaryScore™ focuses on a different question: how the machine physically moved compared with what it reported, using a consistent, independent and industry-governed method. It complements—not replaces—those other measures.

5 Is BoundaryScore™ a company rating or an industry-governed rating?

It is industry-governed. The Boundary Collective™, a Delaware nonprofit, governs scoring through a multi-stakeholder Scoring Committee. Paverly administers the platform but subordinates scoring authority, together with score-related data and privacy governance, to the Collective. No manufacturer, operator or commercial constituency can unilaterally set the methodology or change a score.

6 When will ratings appear—and why will only some manufacturers have them?

Ratings will appear after a participating system is integrated and sufficient data is validated for its model, software version and operating domain. Coverage will arrive unevenly because participation, integration and data readiness vary. No rating means not yet rated—not safe or unsafe. Consumers should compare like with like and consider other safety information.