

Verify the Metrics You Already Use

Independent motion evidence for the performance metrics Physical AI companies already use — with BoundaryScore™ Verified recognition.

1 What problem does BoundaryScore™ solve?

Physical AI companies already measure safety, reliability, uptime, interventions, task completion and other operating metrics. The challenge is not a lack of metrics. It is that many conclusions still depend heavily on machine-generated logs, definitions and reporting paths. BoundaryScore™ adds an independent verification layer so selected performance claims can be supported by evidence outside the system being evaluated.

2 Does BoundaryScore™ replace those metrics?

No. It is designed to work with the measures a company already uses. The evaluation begins by defining the exact system, configuration, mission, operating conditions, exposure and metrics being assessed. The framework can then verify those measures against independent physical evidence and preserve the context in which the conclusion is valid.

3 How does the verification work?

BoundaryScore™ uses two evidence planes: machine-state evidence and independently observed physical behavior. The Motion Validation Envelope™ (MVE™) authenticates those records, aligns them in time and physical space, and then reconciles them. It preserves agreement, discrepancy and uncertainty before any performance conclusion is calculated.

4 What makes the result technically defensible?

Performance and evidence confidence are kept separate. A strong metric cannot hide weak evidence; strong evidence cannot turn poor performance into good performance. Results remain traceable from conclusion to metric to event to source evidence, with configuration, exposure, uncertainty and methodology version retained.

5 How does BoundaryScore™ extend as needs evolve?

The framework is designed to validate the metrics a company uses today, then extend as needs evolve. New metrics, denominators, thresholds, evidence sources and confidence requirements can be added through versioned profiles without changing the core verification architecture. The same method can also be applied, where useful, across different Physical AI platforms.

6 What is BoundaryScore™ Verified, and why does it matter?

BoundaryScore™ Verified is the recognition that a defined metric or performance claim has been independently supported through BoundaryScore™ under specified conditions. Motion-validated evidence provides the physical reference beneath that verification while preserving the system, conditions, exposure and confidence behind the conclusion. Customers, insurers, regulators and other authorized stakeholders can rely on a result that is bounded, traceable and independently supported.