

Preliminary AVII™ Reliability Framework

AIVO Standard — Governance Series
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Overview

The **AI Visibility Integrity Index (AVII™)** is a composite reliability benchmark that quantifies the integrity of AI-mediated visibility across large language models (LLMs) such as ChatGPT, Gemini, Claude, and Perplexity.

Built on the **Data Integrity & Verification Methodology (DIVM v1.0.0)**, it measures *reproducibility*, *traceability*, *stability*, and *verifiability*—providing enterprises with auditable evidence of model-mediated visibility.

Purpose

AVII™ provides a reproducible, governance-grade framework for evaluating AI visibility integrity.

It transforms AI visibility data from observational metrics into verified, audit-ready evidence.

Integrity Dimensions

Dimension	Definition	Audit Function
R — Reproducibility	Consistency of visibility results under controlled replay	Detects randomness or model instability
T — Traceability	Ability to log and verify model routing, retrieval, and context	Confirms whether evidence chains exist
S — Stability	Persistence of first-mention and ranking positions over time	Measures visibility drift risk
V — Verifiability	Cross-model or third-party validation of observed results	Detects overfitted or unconfirmed visibility claims

AVII™ Rating Scale

Rating	Description
A	Verified, reproducible, and independently auditable visibility
B	Minor variance, stable within ±5 percent tolerance

Rating	Description
C	Partial verification with incomplete evidence
D	Volatile or untraceable visibility
E	Non-verifiable or synthetic visibility

Governance Context

Under **Articles 10 and 52** of the **EU Artificial Intelligence Act**, by **2 August 2026** enterprises using AI systems that influence commercial or reputational decisions must ensure *verifiability*, *traceability*, and *reproducibility* of model-mediated outputs. AVII™ provides the evidence layer for this compliance perimeter.

Methodology Summary

AVII™ operates on a live verification loop combining controlled prompt sampling, repeated runs, variance analysis, route logging, and third-party verification.

Evidence packs generated under AVII™ include reproducibility logs, path metadata, and corroboration tables ready for audit inclusion.

Transition: Once verified, visibility evidence enters the standard corporate control stack, allowing CFO, GRC, and ESG teams to track AI exposure as a measurable assurance variable.

Integration into Corporate Controls

AVII™ data can be integrated into CFO dashboards, GRC reporting, and ESG disclosures. It provides measurable evidence of data reliability for FY26 audits and beyond.
