SERPIFAI PORTABLE DECISION HANDOFF

Score Integrity Handoff

Use this record to preserve what a competitor-analysis score may determine, how it was built and which limitations must travel with the result.

A weighted total compresses a model. It does not prove evidence quality, confidence, probability or the permitted action.

Model identity

MODEL ID AND EFFECTIVE VERSION

Record ID and version

MODEL OWNER

Named accountable owner

REVIEWER

Named independent reviewer

APPROVAL STATUS AND DATE

Approved / not approved

Decision boundary

AFFECTED DECISION

State the exact decision affected by the score.

OPTION SET OR SCOPE

List the candidates, markets or actions being compared.

Model purpose

[ ] Describe

[ ] Rank

[ ] Screen

[ ] Prioritise

[ ] Trigger review

[ ] Allocate resources

[ ] Enforce a gate

[ ] Estimate probability - specialist validation required

Permitted use

Record the bounded interpretation the model is designed to support.

Permitted interpretation

Prohibited use

Record what the total must not be treated as.

Prohibited interpretation

Method: SERPIFAI Score Integrity Method v1.0.0. Preserve the component record and sensitivity evidence with this handoff.

STEP 2

Decompose every input

Raw values, evidence states and missing-data treatment must remain visible before normalization and aggregation.

Criterion	Raw value	Scale and direction	Normalized	Evidence state	Source and review window	Missing treatment	Weight / contribution
1							
2							
3							
4							
5							
6							

Input-state contract

- [ ] Complete
- [ ] Unknown
- [ ] Not applicable
- [ ] Excluded with rationale
- [ ] Invalid
- [ ] Contradiction open or resolved

Evidence-state disclosure

- [ ] Observed
- [ ] Inferred
- [ ] Unresolved
- [ ] Source lineage recorded
- [ ] Review window recorded
- [ ] Definition aligned

Unknown is not zero, a midpoint or not applicable. If the model substitutes a number, record the rationale, uncertainty and effect on the result.

Normalization

Method and scale

Weight rationale

Why each weight is decision-relevant

Total-weight check

Active weights total 100%

STEPS 3 AND 4

Govern compensation and test stability

Critical conditions operate before the weighted total is interpreted. Reasonable model changes must be tested rather than hidden.

Vetoes, floors and caps

CRITICAL CRITERION

Criterion and reason

RULE TYPE AND THRESHOLD

Veto / floor / cap

GATE STATE

Passed / failed / not tested

OUTPUT WHEN FAILED

Required action or hold state

Compensation contract

DIMENSIONS ALLOWED TO COMPENSATE

Record the permitted trade-offs.

DIMENSIONS THAT CANNOT COMPENSATE

Record non-compensating failures.

UNRESOLVED GATE EVIDENCE

State whether calculation is blocked or bounded.

Sensitivity scenarios

ID	Weight or input change	Baseline winner	Scenario winner	Ranking changed	Decisive assumption
S1					
S2					
S3					
S4					

Stability conclusion

RANKING CHANGED UNDER REASONABLE SCENARIOS?

Yes / No / Not tested

SCORE DIFFERENCE OR RANGE

Record the bounded result

Reopen trigger

EVIDENCE, THRESHOLD OR WEIGHT CHANGE

State the exact condition that requires review.

OWNER AND REVIEW DATE

Named owner and date

A ranking flip is not automatically a model failure. It is a disclosure requirement: the decision-maker must see which reasonable assumption changes the result.

STEP 5

Issue a decision state

Keep the score result, evidence condition, gate state, sensitivity and permitted action separate.

Decomposable and bounded	Inputs, weights, gates and sensitivity are visible enough for bounded use.
Sensitivity review required	The result depends materially on reasonable assumptions or weight changes.
Critical gate missing	A veto, floor or non-compensating condition is absent, failed or unsafe.
Missing-data treatment unsafe	Unknown or missing inputs were collapsed into a misleading number.
Score not decision-ready	The purpose, inputs, governance or ownership contract is incomplete or invalid.

Decision-state record

STATE AND REASON CODE

Canonical state and technical reason

PERMITTED INTERPRETATION

PROHIBITED INTERPRETATION

Governed action

NEXT ACTION

APPROVAL STATUS

REOPEN CONDITION

Upstream evidence handoffs

Use the full related method titles in public records:

- **What Counts as Reliable Evidence in Competitor Analysis?** - whether the input can support the claim.
- **How to Assign Confidence Without Fake Precision** - how strongly an eligible claim may be expressed.
- **How to Handle Contradictory Competitor Evidence** - how conflicting records are preserved and reconciled.
- **Observed, Inferred and Unresolved Evidence** - how the claim relates to the evidence.

Final boundary: A score may support a decision. It does not replace accountable judgment, evidence disclosure or an explicit decision rule.

Portable companion to Why Competitor-Analysis Scores Can Create False Certainty. Preserve with the workbook model record and the underlying evidence.