

AI Value Engineering Scorecard

Review one bounded workflow. Record evidence and unknowns; scores are not a release approval.
Accepted outcome = work an independent check or accountable reviewer can accept or reject.

Workflow / scope: _____	Outcome owner: _____
Population / period: _____	Assessor / date: _____
Stage: Forecast / Demonstrated / Realized	Evidence-record reference: _____

Four gates - assess each separately

Gate and evidence needed	Pass / Fail / Unknown; evidence / owner reference
Owned outcome - measurable result, population, owner	_____
Independent verifier - can reject an incorrect result	_____
Bounded authority and loss - reads/effects, approvals, harm limits, stop/recovery	_____
Positive value after full cost - benefit after adoption, lifecycle cost, remaining loss	_____

Fail or unknown: defer, narrow, pause, or stop; name the investigation or repair needed. Passing all gates does not approve a production release.

Twelve factors - locate missing evidence

State: 0 = undefined, 1 = declared, 2 = demonstrated for the named scope. Do not add the scores. Counterfactual = what would happen without the change.

Factor	State	Evidence / owner / next-work reference
1. Observe the real work	_____	_____
2. Own the outcome	_____	_____
3. Bound the eligible work	_____	_____
4. Establish the counterfactual	_____	_____
5. Name the verifier	_____	_____
6. Engineer the workflow and adoption	_____	_____
7. Use the smallest sufficient intelligence	_____	_____
8. Bound authority and loss	_____	_____
9. Price the whole service	_____	_____
10. Prove it on representative work	_____	_____
11. Measure attributable realized value	_____	_____
12. Expand, constrain, or retire from evidence	_____	_____

Economics - attach base and downside calculations

Benefit / use of capacity: _____	Full cost / currency / period: _____
Residual loss: amount / Unknown _____	Baseline / confounder reference: _____

Residual loss = remaining harm not already deducted from benefit. Released hours are not cash savings. Include review, change, support, and recovery; avoid double counting. Zero loss needs evidence.

One next decision

Decision / permitted next step: _____
Decision authority / owner / due date: _____
Missing evidence / reversal condition / review date: _____