

Where did the time really go between sanction and handover?

Your sanction baseline made a promise; the as-built, the progress reports, the field change log, and the completion records recorded what happened. CAP·SPR joins them all, measures the project against the commitment, and tests every explanation for why against your own records.

- The post-investment review, computed, not recalled.

— THE PROBLEM

A lessons-learned meeting produces opinions. Your records hold the evidence.

Most closeouts are a room full of memory and a binder that gets filed. Yet the reason the in-service date moved is already written down, scattered across the schedule, the earned-value reports, the change log, and the completion certificates. Until the explanations are tested against those records, the closeout is a story and the benchmark record is a guess.

OPINIONS, NOT EVIDENCE

The loudest voice writes the lessons; the data stays closed

THE SAME MISSES RETURN

Every project relearns what the last one paid to learn

CANNOT BE DEFENDED

No independent account of why the date and the cost moved

— WHAT IT MEASURES · THE SANCTION BASELINE JOINED TO THE AS-BUILT

01 · VARIANCE

Project, phase, package

Where the days were won and lost, whole project down to the single work package.

02 · CRITICAL PATH

Plan vs as-built

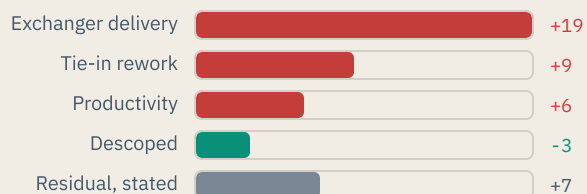
What governed execution, how much of the planned path survived, what entered and left, procurement included.

03 · PRODUCTIVITY

Earned / actual

Earned hours against reported actuals, by craft, measured not guessed.

— WHERE THE DAYS WENT, TO THE DAY



Days · drivers + residual sum exactly to the +38 d slip · the residual is a finding, not a rounding · illustrative

OUTCOME VS SANCTION

ILLUSTRATIVE

+38 days

in service vs the committed baseline

22%
path
retained

0.81
earned /
actual

0.90
top cause
conf.

— PRODUCTIVITY BY CRAFT

0.79

Pipefitters
earned /
actual

0.74

Civil &
structural
earned /
actual

0.94

E & I
earned /
actual

0.70

Riggers
earned /
actual



WHY IT SLIPPED · EVERY HYPOTHESIS, TESTED AGAINST YOUR RECORDS

The engine raises the candidate explanations deterministically from the measurements, procurement delay, field change growth, productivity, undermanning, a critical-path shift, discovered work, external events among them, then tests each against the change log, the progress reports, and the completion records. Every verdict carries a stated confidence, and what could not be established is said plainly.

THE RECORDS WE PULL IN

Baseline + as-built	Task-matched against the promise frozen at G3.
Progress & earned value	Monthly EV record, normalized to craft for earned-over-actual.
Field change log	Structured rows: dates, reasons, magnitudes. Corroborates the added hours.
MC & turnover records	The completion ladder, certificate by certificate.
Cost report	Client-supplied, read as indicative context, never ground truth.

THE VERDICTS THAT COME BACK

Procurement delay		0.90
Field change growth		0.83
Critical-path shift		0.76
Undermanning		0.52
Weather / external		n/e

Confidence 0 to 1 · ember supported, grey partially supported · weather: insufficient evidence · illustrative

DID THE PLAN PREDICT REALITY · THE DEFECT-TO-CASCADE TRACE

22% of the planned critical path survived execution

Traced: every defect flagged at sanction, followed through the task match to the as-built work it touched.

Materialized: a P1 gap, nothing drove the exchanger order; delivery landed 19 d late and forced 9 d of tie-in rework.

The ledger: 34 defects traced: 4 materialized, 24 contained, 6 restructured out of the plan. Illustrative.

Readiness: Conditional	Missed the date by 38 days Materialized
P1 procurement chain (Severe)	Exchanger 19 days after need date Materialized
C3 path reach (Material)	22% of the planned path survived Materialized
Tie-in window fragment	In-window scope done inside the outage Held
Not flagged	Vendor data late for the cutover Emerged

WHAT YOU GET

IN
Every record of the project



ENGINE
Measure, then test why



OUT
Causes + actions + benchmark record

Credible causes ranked by confidence, a register of owned actions in two tiers, next-project and systemic, each tied to a tested cause, and the benchmark record filed to the portfolio history. Every figure computed by the engine; the narrative validated against it, never inventing one. Runs standalone or as the performance engine inside the CAP-AR4 closeout.

WHAT CHANGES

WITHOUT CAP-SPR

- ✗ Lessons written from memory, then quietly filed
- ✗ Competing theories for the overrun, none of them tested
- ✗ A benchmark record that is a guess

WITH CAP-SPR

- ✓ A quantified account of where the time and hours went
- ✓ Every explanation tested, with a stated confidence
- ✓ Owned actions tied to a tested cause, and a benchmark that compounds

Turn your last project into your next one's advantage.

Send us the sanction baseline, the as-built, and the records you already keep. We will show you where the time went, why, and how much confidence each answer deserves.

Book a call

capintelligence.ai

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