Stream Dead-Load Pre-Filter | Public Evidence Brief

Public, IP-safe, evidence-bound brief | 08 Nov 2026 | Not a product certification.

Problem and scope

Avoid redundant streaming recomputation only with exact output equivalence.

Historical measured evidence (scope-limited)

- Historic research: 12,000 signed input changes.
- Approximately 1.45x against its declared historical reference, NOT this deployed product.
- Three browser synthetic cases; no independently measured customer CPU savings.

Additional independent Linux reference qualification

120/120 synthetic reference cases for this module (steady, burst, fault, recovery; 30 each).
Six-module suite: 720/720, 24 groups of 30. This is NOT a proprietary-engine benchmark.

Competition and industrial acceptance

Optimized native streaming cache/incremental operator with output parity, CPU and tail latency.
Industrial gates G0-G7 remain scope-limited: engine-level fault injection, optimized competitor, production tails, and verified customer ROI require separately authorized measurements.

Proposed fixed-scope diagnostic

EUR 2,800. One approved recurring transformation in one isolated environment, 30 paired runs where feasible. Written baseline, correctness oracle, failure tests, cost and performance deltas; GO, NO-GO or INCONCLUSIVE conclusion.

IP and confidentiality

No private C++ source, bitstreams, thresholds, customer data, credentials, hardware layouts or proprietary implementation is included. Raw public records cover independent synthetic references only.

Source: public Proof Lab evidence summaries. Further claims require measured paired validation; no guaranteed savings or certification.