V.O.R.T.E.X. / PUBLIC EVIDENCE

Nonduplicated portfolio profile

Extension of IO/URING Deterministic Jitter Shield; Quantify scheduling jitter and configuration conflicts without promising an interruption-free CPU.

Reference-only verification

120/120 structured synthetic scenarios across four families, 30 repetitions each; 60,000 further randomized C++20 reference-oracle checks. Zero disagreements in this bounded campaign. These numbers do NOT benchmark the proprietary engine.

Strong baseline

Optimized Linux affinity, cpuset partitions and resctrl under the identical offered load.

Explicit exclusion

No hypervisor patch, kernel module, live affinity change or deterministic p99.99 guarantee.

What remains to prove

1e6+ paired timing samples under interference, reproducible kernel/CPU configuration and external time oracle.

Paid bounded diagnostic

EUR 3,900. One approved isolated sample, two 20-minute calls, a written GO / NO-GO / INCONCLUSIVE evidence dossier. Seven business day target after complete inputs. No private source transfer.

Public synthetic data only. No customer ROI, industrial certification or native performance SLA is claimed.