S.Y.N.A.P.S. / PUBLIC EVIDENCE

Nonduplicated portfolio profile

Extension of StateSeal / InvariantStore watchdog controls; Differentiate nominal cycles from missed heartbeats, invalid state and stalled simulated workers.

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

Existing kernel watchdog and application invariant instrumentation at matched thresholds and false-alert cost.

Explicit exclusion

No emergency-stop control, plant actuator, process scheduling intervention or safety certification.

What remains to prove

Independent liveness fault injection and measured detector latency / false alarms on isolated hardware.

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.