LOUST-PRO/SnapPipe

Source: LOUST · **Status:** Shipped · **Period:** 2025-04 to 2025-12

Identity-anchored transport daemon in Rust: attested-identity tokens bind every handler invocation to its auth state.

Top outcomes

Auth-state drift

Baseline: Possible (handler could dispatch against a stale session)

Impossible — daemon refuses to dispatch on unverified chain

Handler dispatch latency

Baseline: About 5 milliseconds

About 12 milliseconds (token verification overhead)

Audit chain

Baseline: Probabilistic — reviewer cannot replay

Deterministic — replay byte-by-byte