SIMPLESTATES - DATASHEET

PlanSignal [ID: SSE-01]

Plan and entitlement fact emitter. Read-time only. No enforcement.

DATA PLATE

- Input: billing events (e.g., Stripe webhooks) -> stored plan state
- Output: JSON plan and entitlement facts at read time
- Reads: no side effects
- Execution: request-time reads only (no background execution)
- Deps: PostgreSQL

INVARIANTS

- Plan state is not authorization
- Absence of a restriction is not permission
- Returned state is application-evaluated

NON-GOALS

- Authentication
- Authorization / enforcement
- Request blocking
- Security or compliance claims
- Background jobs

FAILURE MODES

- Webhook delivery failure -> stale billing truth
- Out-of-order events without idempotency -> incorrect state
- Plan mapping misconfiguration -> wrong emitted plan state
- Database/network failure -> reads fail or return partial data

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Self-hosted evidence and fact artifacts.
StateMirror preserves evidence. Companion primitives expose focused facts.
Applications own decisions and outcomes. Verification checks evidence integrity.