PLANCKNET

Production-Grade Execution Kernel

Pre-Seed • December 2025

PlanckNet is a deterministic stress-testing kernel that decomposes portfolio losses into **market moves**, **liquidity impact**, and **control interventions** — so risk teams can **attribute losses** and **identify what fails first** under stress. Integration: REST API, runs in your environment, deterministic reports.

THE PROBLEM

Institutions can't explain why portfolios break.

Standard tools aggregate risk into black-box metrics (VaR, Vol) that hide failure modes. Liquidity impact is ignored or crudely estimated. Stress tests are one-off reports — not reproducible experiments. When losses happen, teams can't isolate the cause.

OUR SOLUTION

Deterministic, decomposed stress experiments.

Same input seed → identical crash path → fully debuggable. Every step separates: market shock vs. liquidity cost vs. guard intervention. Test circuit breakers before crises, not during. Think "flight recorder for stress tests."

CORE TECHNOLOGY

📊 **RPO**
Risk Propagation through correlations

💧 **LSO**
Liquidity cost by depth & urgency

🛡️ **Drift Guard**
Testable circuit breakers

🔄 **Deterministic**
Same seed = same crash

BUSINESS MODEL

$5-10K	$100-150K	3-6 mo	HF / AM
Monthly Pilot	Annual License	Sales Cycle (HF)	Target ICP

CURRENT STATUS

- ✓ Working simulation engine (V18.3.4.2)
- ✓ Live demo with API + console
- ✓ 1,700+ lines formal specification
- ✓ Multi-portfolio with 3 archetype strategies
- ✓ 3 founders (Quant, Eng, Business)
- ○ Academic advisor (in progress)

THE ASK

$200K Pre-Seed

Instrument: SAFE
Valuation Cap: $2.5M – $3.0M
Discount: 20%
Dilution: ~6-8%
Runway: 9 months
Milestone: 2-3 Paid Pilots + Seed-ready

Book a 15-min Demo
founders@plancknet.io

CONFIDENTIAL