



SSDF Crypto Marketplace

Infrastructure for Enforceable Digital Commerce.

STATUS: AUDIT-READY

PHASE:
INSTITUTIONAL SEED

CONTACT:
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The 'Trust Gap' in Digital Commerce

Payments are instant and final, but delivery remains based on faith.

MODEL	PAYMENT FINALITY	DELIVERY ENFORCEMENT
Web2 (Stripe/PayPal)	Reversible (Chargeback Risk)	Administrative (Slow/Biased)
Web3 (Wallet Transfers)	Irreversible (Final)	Non-Existent (The Void)
SSDF Infrastructure	Irreversible (Final)	Cryptographic  (Atomic/Trustless)

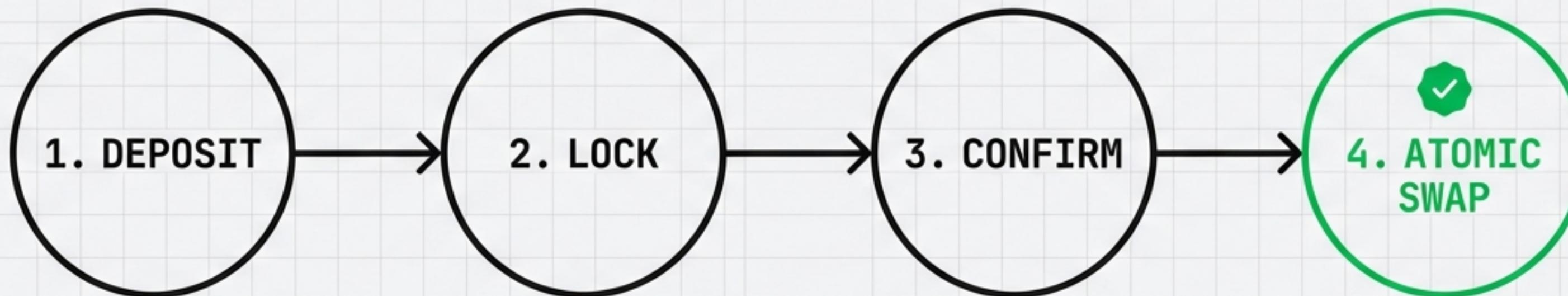
THE VOID: No infrastructure exists for atomic digital goods delivery.

Problem: Chargebacks hurt honest sellers (Web2).
Scams hurt honest buyers (Web3).

The Solution: Cryptographic Enforcement

We don't just process payments; we enforce the deal.

TRUTH #1: ATOMIC FULFILLMENT



Buyer funds locked in
Smart Contract (USDC).
Non-Custodial.

Funds held.
Delivery verified
off-chain.

Buyer confirms
receipt via HLE.

Funds release to Seller
+ NFT Receipt mints to
Buyer simultaneously.

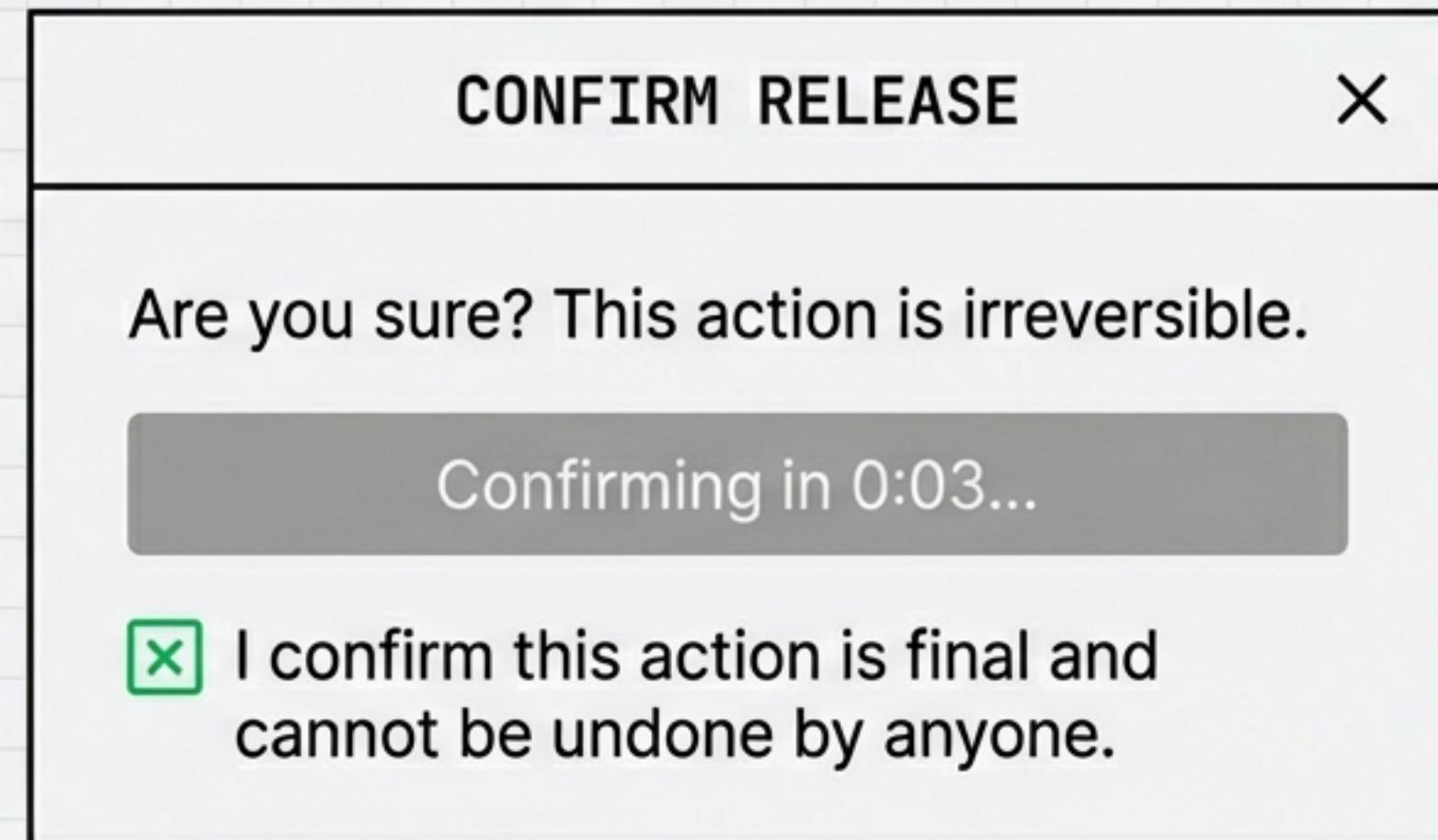
Payment and Delivery happen in the same block, or not at all.

UX Innovation: Human Layer Enforcement (HLE)

Technology fails if humans don't understand it. We gate irreversibility with comprehension.

Features

- ↳ **Mandatory Onboarding Gates:** Users must affirm “Truths” regarding finality.
- ↳ **Comprehension Quizzes:** Gate access until understanding is proven.
- ↳ **The Regret Buffer:** Forced 3-5 second delay on irreversible actions.

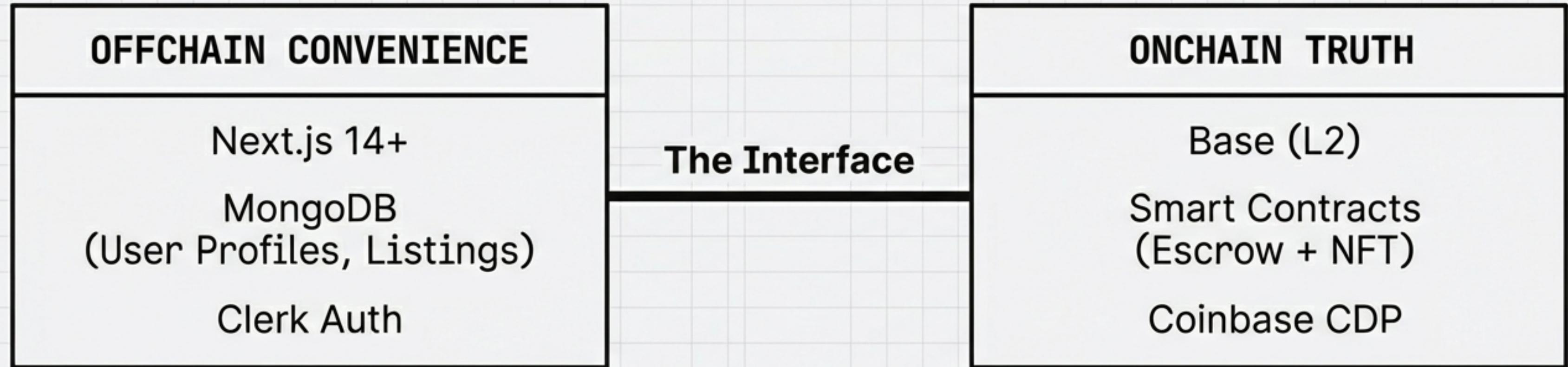


4.2% Drop-off Rate
(Negligible Friction)

93% Comprehension Rate

Technical Architecture & The ‘Never List’

The architecture of our trust system and the immutable rules that govern it.



THE NEVER LIST (HARDCODED CONSTRAINTS)

1. **NEVER** Custody Funds (Smart Contract holds funds).
2. **NEVER** Instant Admin Actions (Time-locks required).
3. **NEVER** Allow Offchain Resolutions (Onchain truth is absolute).

System Invariants: Trust as Code

The rules that cannot be broken, even by the founders.

Invariant #1: Cryptographic Finality

Once released, transactions
are irreversible.

Invariant #2: Non-Custodial Enforcement

Funds move only via user
action or timeout.

Invariant #3: Time-Bound Human Intervention

Admin refunds require
24-hour delay.

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```

```
modifier onlyAfterDelay() {  
    require(block.timestamp >=  
        e.timeout + adminRefundDelay);  
}
```

Audit Green
STATUS: DEPLOYED &
VERIFIED ON BASE

The Compliance Moat

Why Stripe or Shopify cannot easily copy this: Regulatory Risk Aversion

Traditional Fintech

-  **High Custody Risk**
- Legacy Banking Rails
- Money Transmitter Licenses Required

SSDF

-  **Non-Custodial (FinCEN Exemption)**
 - Smart Contract Rails
 - Delegated KYC (Coinbase)
 - Compliance Legible from Day 1

SSDF avoids being a money transmitter by design—funds are held by the code, not the company.

Business Model & Unit Economics

We sell enforcement, not just processing.

5% Transaction Fee

(vs 10% Gumroad, 2.9% Stripe)

CAC: ~\$250

(Scaled)

LTV: ~\$1,800

(3-Year)

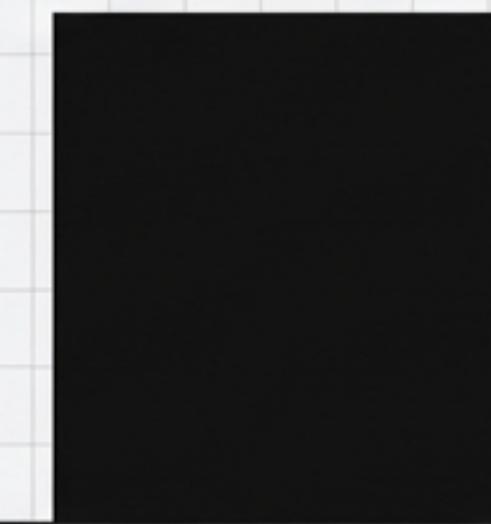
LTV/CAC: >7x

Seller Revenue Retention

95%



~87%



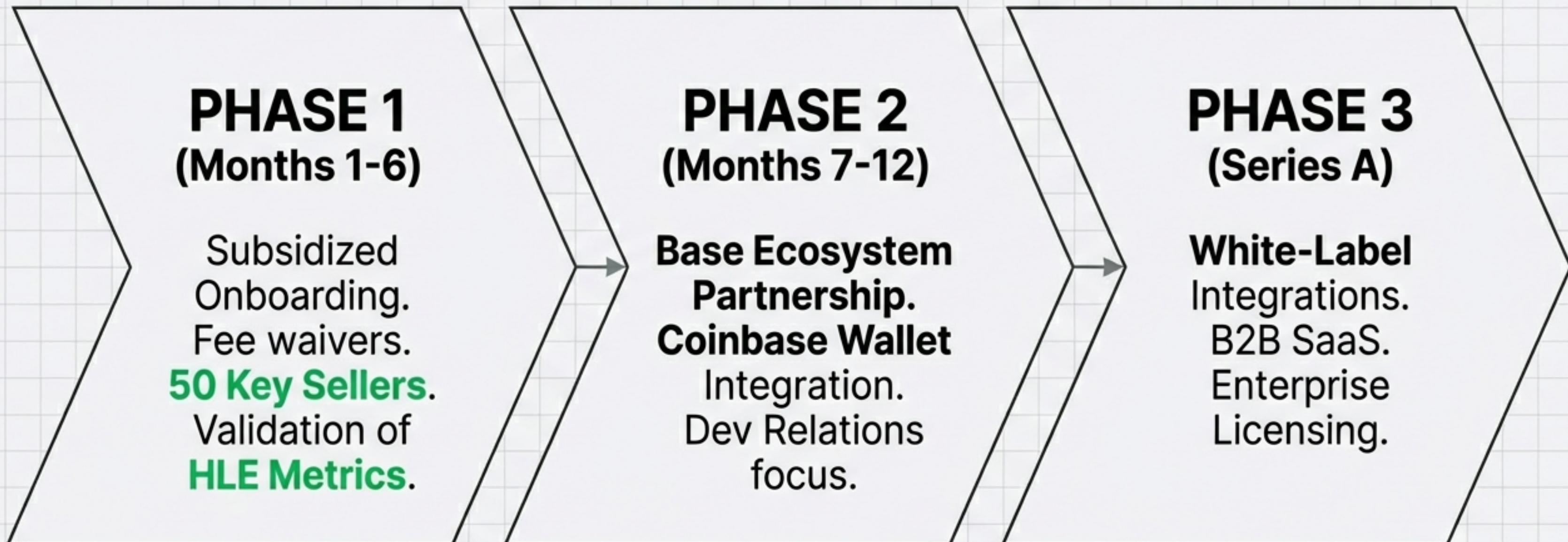
SSDF

Web2 Stack

(Gumroad + Fees + Chargebacks)

Go-to-Market Strategy: Phased Expansion

Strategy: Leverage the Base Ecosystem Fund & Coinbase Infrastructure.



Traction & Readiness: Code Complete

Status: Audit-Ready | Phase: Institutional Seed

THE LAUNCH CHECKLIST

-  1. **Smart Contracts:** Deployed & Verified on Base.
-  2. **Testing:** 95% Coverage (Atomicity, Reentrancy, Gas).
-  3. **Legal:** Custody Opinion Ready.
-  4. **UX:** HLE Validated (4.2% drop-off).

TERMINAL – TEST RESULTS

```
> pnpm test:full  
  
> 42/42 tests passed.  
> Gas usage: <300k.  
> Vulnerabilities: 0.
```

Roadmap: Controlled Expansion

Philosophy: Growth without mutation.

○ **v1.2 (Launch)** JetBrains Mono
Inter, Core Escrow + NFT + HLE.

○ **v1.3 (Growth)** JetBrains Mono
Batch Releases, Reputation System.

○ **Optional AI Modules**
Assistive, Never Sovereign.
AI assists listings/disputes but **never controls** funds.

⚠ **Invariant #5:**
AI Non-Sovereignty Enforced.

The Ask

\$1.8M Seed

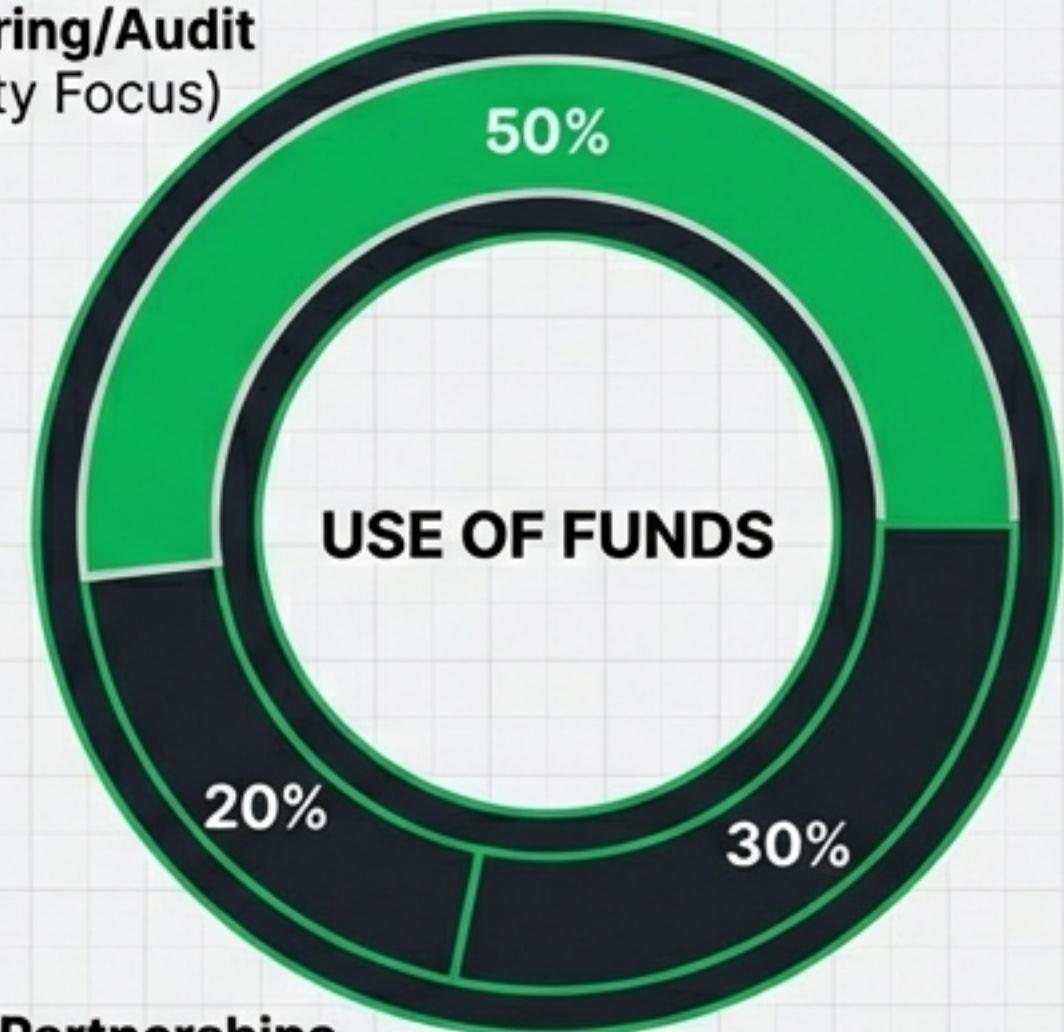
SAFE, \$12M Cap

18-Month Runway

Milestone Target: \$500k ARR & Series A Readiness.

USE OF FUNDS

Engineering/Audit
(Security Focus)



GTM/Partnerships

Operations/Legal Buffer
(Compliance Focus)

Enforceable Commerce.

Trust as Code, Not Assumption.



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