

SOLANA

ZK PROOF

FHE

Compliance-Ready Confidential Transfer

Privacy-preserving transactions with regulatory compliance



Hide Amount



Hide Address



Hide Both

LatticA | ZK + FHE Infrastructure

On-Chain Transparency Breaks Privacy

Corporate Payroll

Company Wallet



Employee

AMOUNT

\$15,000

ADDRESS

0x1a2b...9f

TIMING

Monthly

Salary, bonus structure, employee wallets all PUBLIC

B2B Settlements

Firm A



Firm B

DEAL SIZE

\$50M

PARTNERS

Visible

FREQUENCY

Trackable

Deal sizes, partnerships, trading volumes EXPOSED

100%

of on-chain transactions are public

\$2.3B+

crypto payroll market exposed

0

compliant privacy solutions

Existing Solutions **Fall Short**

Feature	Solana Confidential	Dark Pools	LatticA
Amount Hidden	✓	✓	✓
Address Hidden	✗	✓	✓
Regulatory Compliance	Partial	✗	✓
Audit Capability	Limited	✗	✓



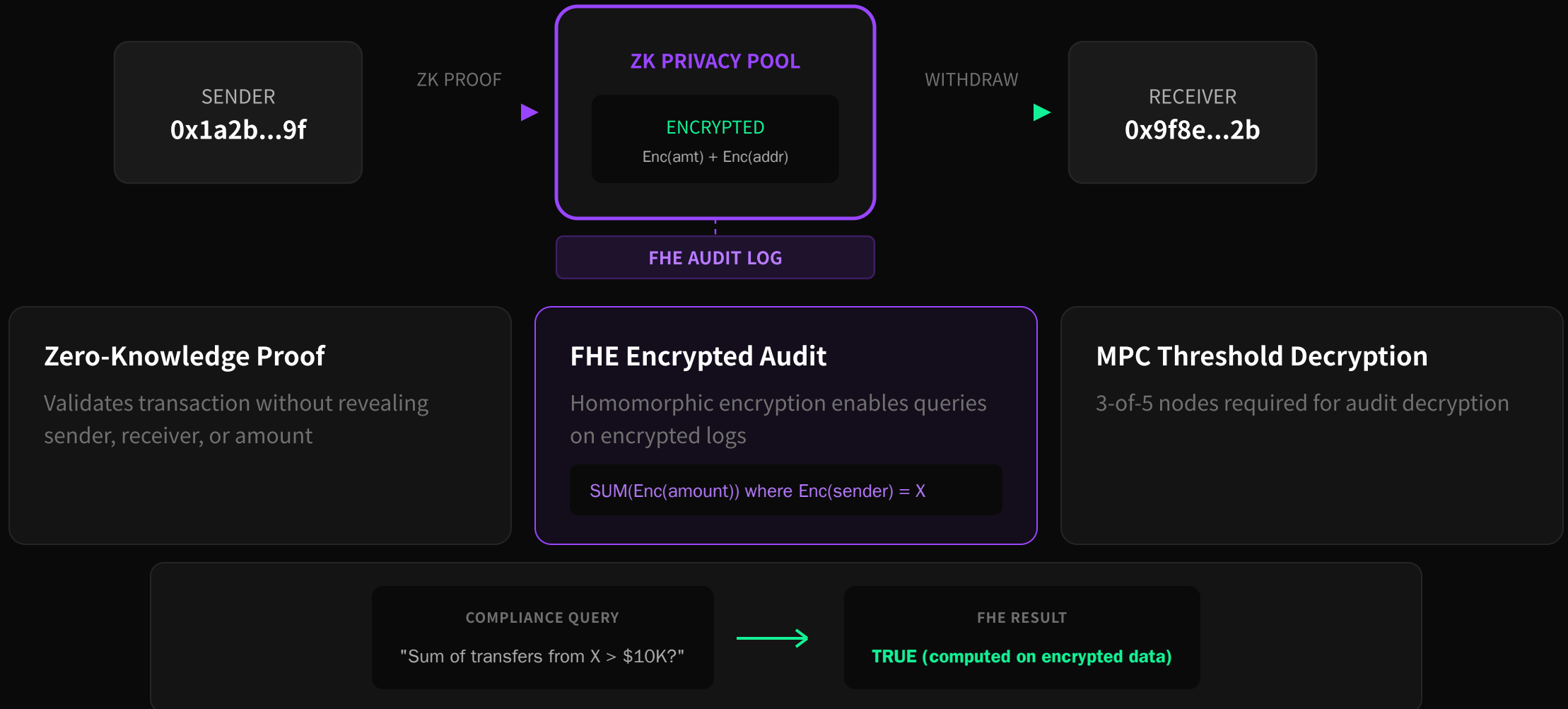
Tornado Cash Case Study

CEO sentenced to prison | \$1B+ in regulatory fines | Protocol sanctioned

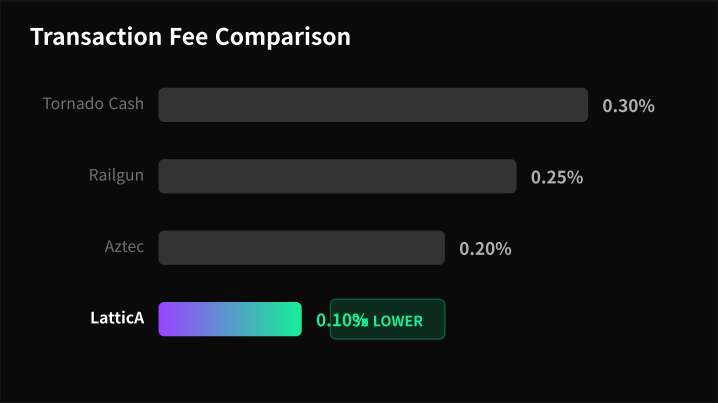
Privacy without compliance = Legal risk

OUR SOLUTION

ZK + FHE Architecture



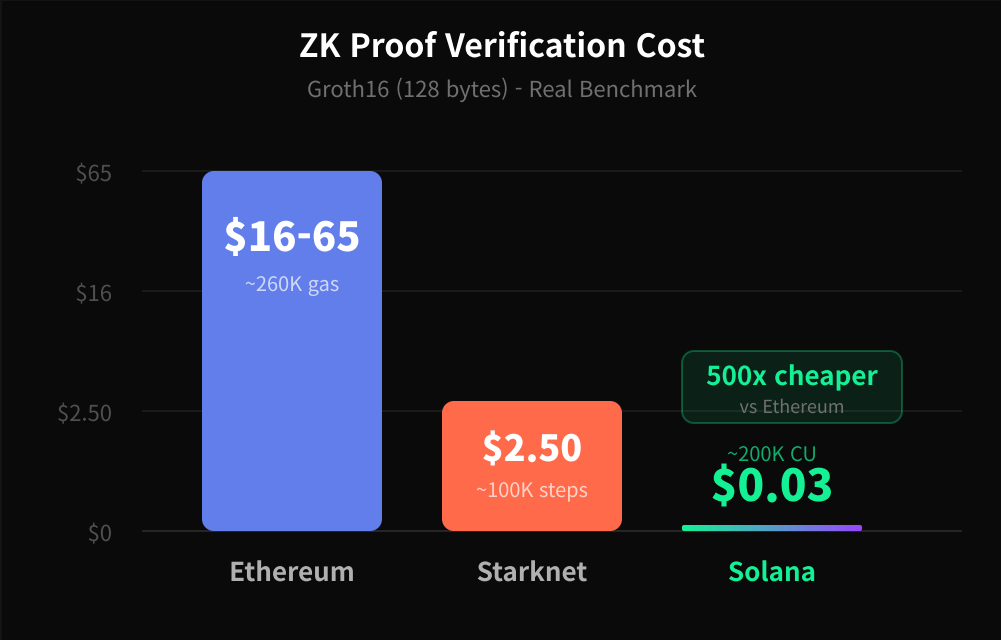
Market Size & Go-To-Market



Go-To-Market Phases

- Q1**
Solana Payroll
Crypto-native companies
- Q2**
B2B Settlements
Trading firms, DAOs
- Q3**
DeFi SDK
DEX, lending protocols
- Q4**
Multi-Chain
ETH, Polygon expansion

Why Solana



\$0.03
ZK Verification
Groth16 proof - 200K CU

400ms
Block Time
Near-instant finality

Token-2022
Native Extension
Built-in confidential transfer

Benchmark: Proving Time (M1 Mac)

4.0s
amount_audit

4.9s
pool_identity

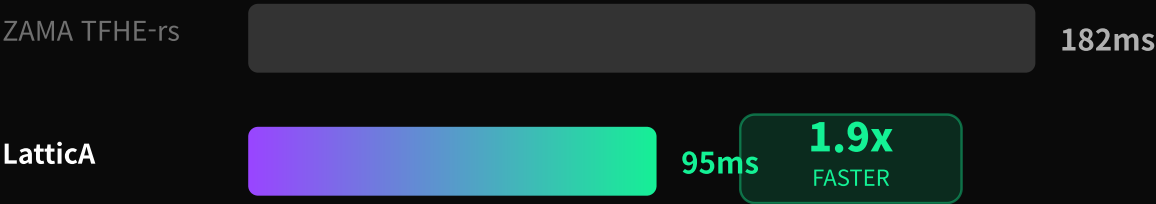
5.1s
pool_transfer

3.5GB
Peak RAM

Why LatticA

FHE Bootstrapping Performance (64-bit)

Add/Sub operation benchmark



Source: ePrint 2025/2150

01 Cross-Platform Determinism

CPU GPU FPGA

NTT-based (no FFT errors)

02 Compliance-First Design

AML/KYC Audit Logs Threshold Dec

03 Production Ready

Devnet Live Token-2022

Ready to bring compliant privacy to your platform

Contact Us