

SOLANA

ZK PROOF

FHE

Compliance-Ready Confidential Transfer

Privacy-preserving transactions with regulatory compliance



Hide Amount



Hide Address

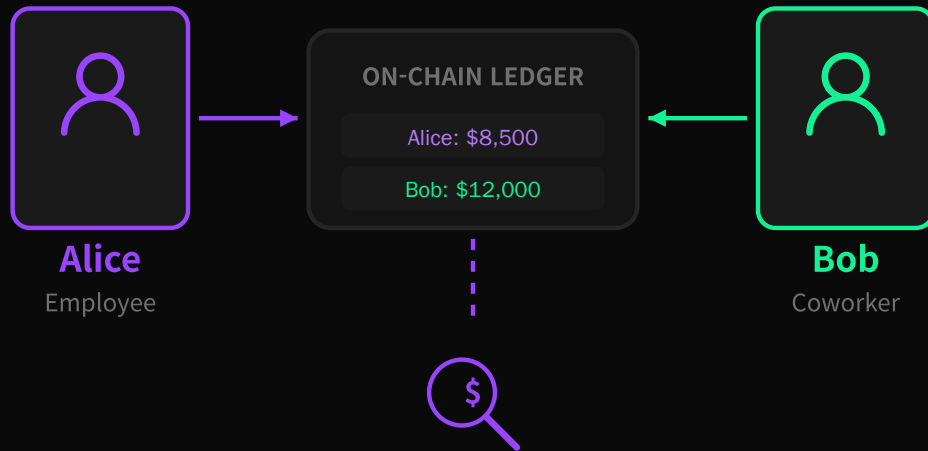


Hide Both

LatticA | ZK + FHE Infrastructure

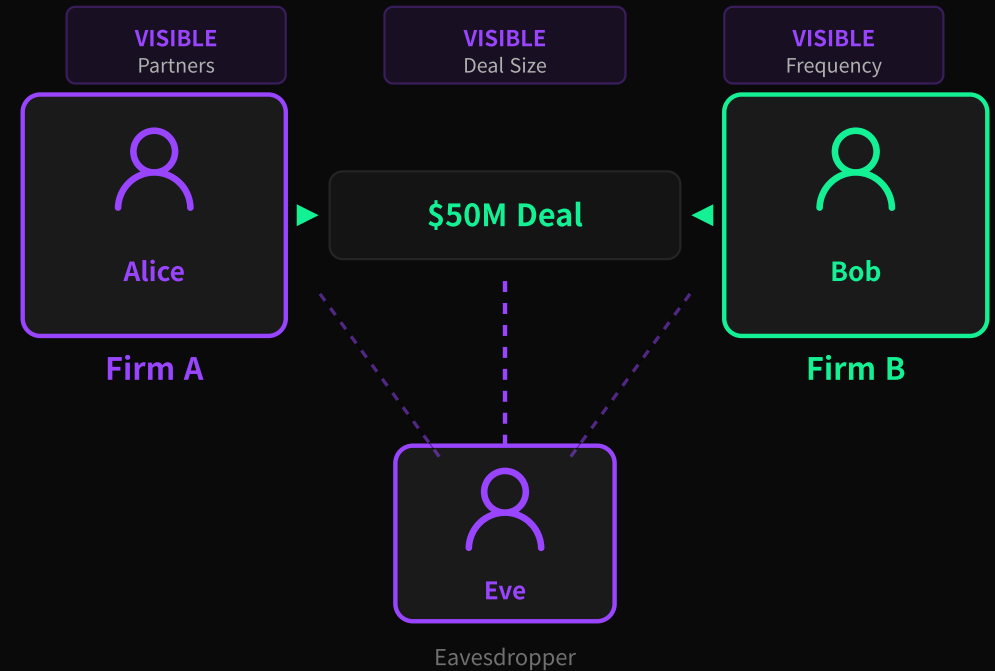
On-Chain Transparency Breaks Privacy

Payroll Exposure



Anyone can compare:
All salaries are PUBLIC on-chain

B2B Deal Exposure



100%

of on-chain transactions are public

\$2.3B+

crypto payroll market exposed

0

compliant privacy solutions

CURRENT LANDSCAPE

Existing Solutions **Fall Short**

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

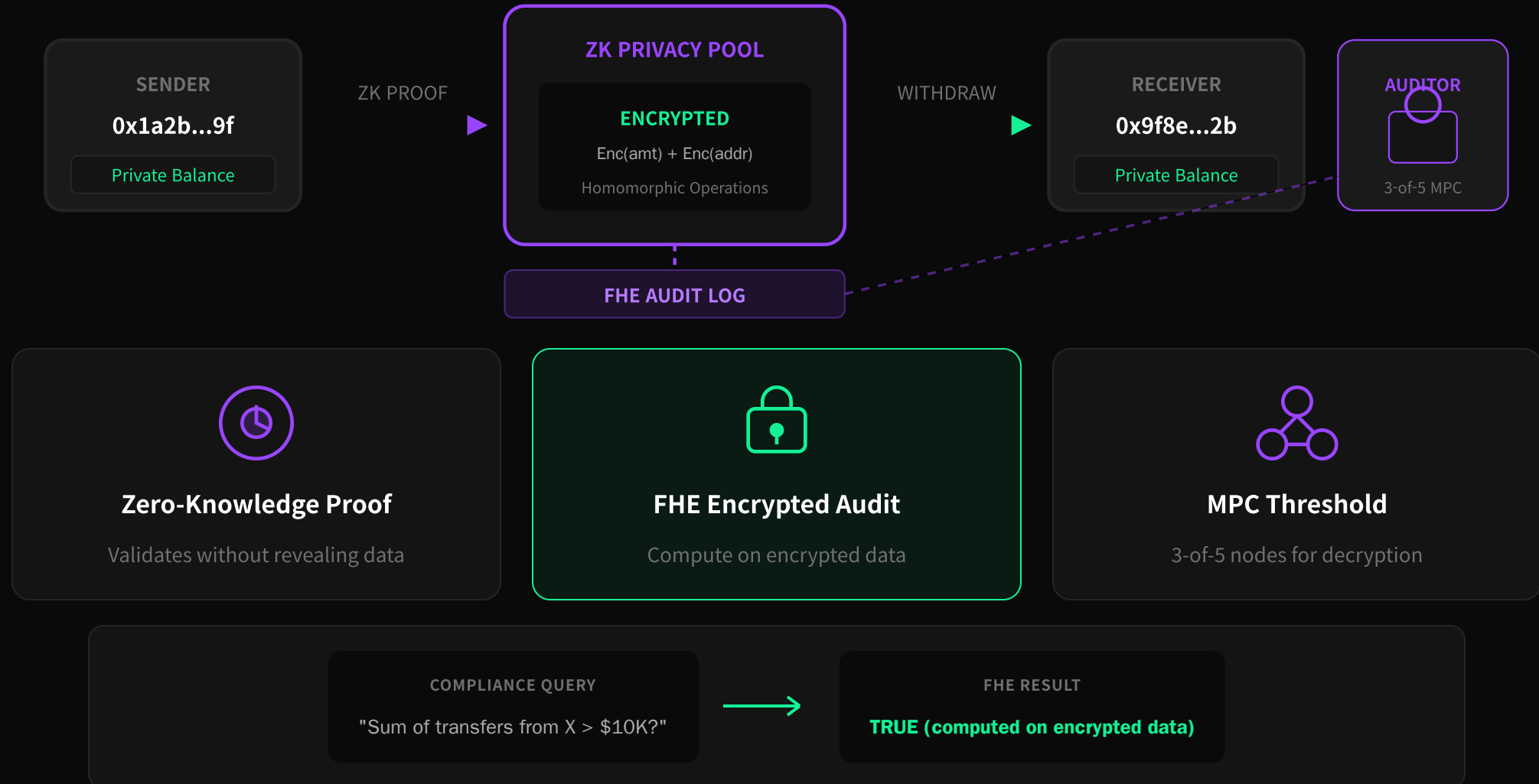
**Tornado Cash Case Study**

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

Privacy without compliance = Legal risk

OUR SOLUTION

ZK + FHE Architecture



MARKET OPPORTUNITY

Market Size & Go-To-Market

TAM
\$850B
Global Crypto Volume

SAM
\$25B
Privacy-Sensitive Tx

SOM
\$2.3B
Crypto Payroll + B2B

Go-To-Market Phases

Q1

Solana Payroll

Crypto-native
companies

Q2

B2B Settlements

Trading firms, DAOs

Q3

DeFi SDK

DEX, lending
protocols

Q4

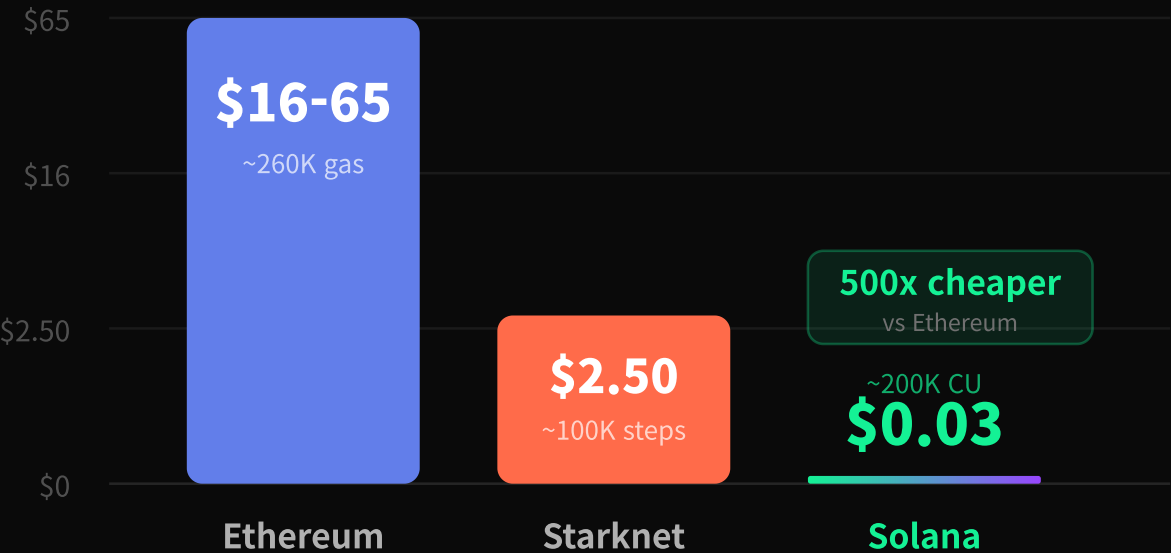
Multi-Chain

ETH, Polygon
expansion

Why Solana

ZK Proof Verification Cost

Groth16 (128 bytes) - Real Benchmark



\$0.03

ZK Verification

Groth16 proof - 200K CU

400ms

Block Time

Near-instant finality

Token-2022

Native Extension

Comparable to Token Extension

Benchmark: Proving Time (M1 Mac)

4.0s

amount_audit

4.9s

pool_identity

5.1s

pool_transfer

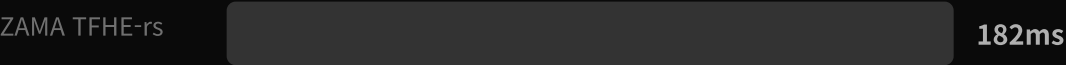
3.5GB

Peak RAM

Why LatticA

FHE Bootstrapping Performance (64-bit)

Add/Sub operation benchmark



Source: ePrint 2025/2150



Cross-Platform Determinism

CPU

GPU

FPGA

NTT-based (no FFT errors)



Compliance-First Design

AML/KYC

Audit Logs

Threshold Dec



Production Ready

Devnet Live

Token-2022

Ready to bring compliant privacy to your platform

Contact Us