

VALIX

The Security Leasing Protocol

Unifying Security Across All Blockchains

Generalized, Economically Unified Security Layer for Heterogeneous Subnets

The Security Fragmentation Crisis

\$50B+

Staked
Across
Fragmented
Networks

Security Fragmentation

- Each subnet/app-chain needs its own validator set
- Isolated security islands with no shared trust
- Duplicated infrastructure and capital requirements

Cold Start Problem

- New subnets can't bootstrap secure validator sets
- Small subnets remain vulnerable to attacks
- High barriers to entry for

Economic Inefficiency

- Validators locked into single chains
- Capital underutilization across networks
- No scalable security model for multi-chain future

Massive Addressable Market

\$2.1T
Total
Crypto
Market
Cap

\$50B+
Staked Assets
500+ Active Subnets/App-Chains

Segment	Market Size	Growth Rate
Avalanche Subnets	\$5B+ staked	200% YoY
Cosmos App-Chains	\$15B+ staked	150% YoY
Polkadot Parachains	\$8B+ staked	100% YoY
Custom Subnets	\$22B+ staked	300% YoY

Key Drivers

- Multi-chain infrastructure adoption accelerating
- Modular blockchain architecture becoming standard
- Security-as-a-Service demand growing exponentially

VALIX: Security Leasing Protocol

Main chain
validators lease
security to subnets
without moving
stake

- How It Validators Works:**
- register stake on main chain
 - Subnets** bid for security in Dynamic Fee Market
 - Stake Escrow** locked in ACCS contract (trustless guarantee)
 - Automatic Matching** creates leases
 - Validators** earn fees in subnet

Key Innovation:

Trustless Economic Guarantee - Subnet security backed by main chain value without trusted intermediaries

Three Groundbreaking Features

1. Atomic Cross-Chain Slashing (ACCS)

Trustless Economic Guarantee

- Validators lock stake in escrow on main chain
- Subnets submit cryptographically verifiable proof-of-malice
- **Immediate, trustless slashing** without intermediaries

2. Heterogeneous Verification Module (HVM)

Generalized Interoperability

- Standardized interface for **all VM types**
- Supports EVM, Move VM, Cosmos SDK, Substrate, Custom VMs
- Light-client-verified state proofs
- **True heterogeneous**

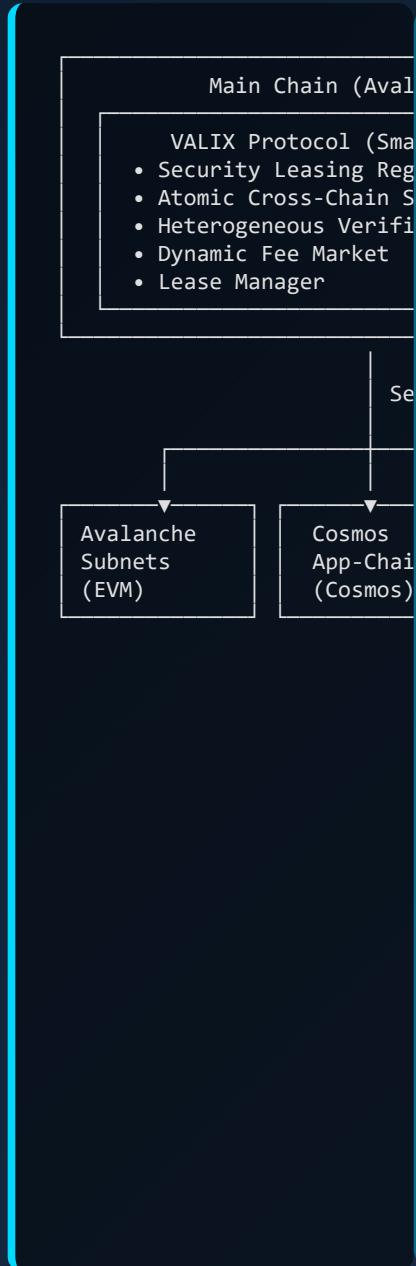
3. Dynamic Fee Market

Sustainable Economic Model

- Subnets bid for QoS-based security leasing
- Validators offer stake with price and QoS requirements

Technology Architecture

Trustless, Multi-Chain Security Infrastructure



Key Technical Advantages:

- ✓ Trustless (no trusted intermediaries)
- ✓ Multi-VM support (EVM, Move, Cosmos, Substrate, Custom)
- ✓ Cryptographic guarantees (not trust-based)
- ✓ Economic security (backed by main chain stake)

VALIX

Platform Features

For Subnets:

- **Security**
Dashboard -
Real-time
security metrics
- **Fee Market**
Interface - Bid
for security with
QoS
requirements
- **Lease**
Management -
Monitor active
leases and
validators
- **Analytics** -
Security score,
validator

For Validators:

- **Stake**
Management -
Register and
manage available
stake
- **Offer Creation** -
Set prices and
QoS
requirements
- **Portfolio View** -
Monitor all active
leases across
subnets
- **Reward Tracking**
- Track earnings

For Developers:

- **SDK & APIs** -
Easy integration
for any subnet
- **Documentation**
- Comprehensive
guides and
examples
- **Testing Tools** -
Local testnet and
simulation tools

Business Model

Revenue Streams

1. Protocol Fees (5% of rewards)

- Collected from all validator rewards
- Distributed to VALIX token holders
- Sustainable, recurring revenue

2. Subnet Registration Fees

- One-time fee for subnet registration
- Tiered pricing based on security requirements
- Estimated: \$1,000 - \$10,000 per subnet

3. Premium Features

- Advanced analytics and monitoring
- Priority support and SLA guarantees
- White-label solutions for enterprises
- Estimated: \$500 - \$5,000/month per subnet

4. Enterprise Licenses

- Custom integration and dedicated support
- Private subnet deployment
- Estimated: \$50K - \$500K enterprise client fees

Go-to-Market Strategy

Phased Market Entry

Phase 1: Foundation (Months 1-3)

- ✓ Complete smart contract suite
- ✓ Security audit completion
- ✓ Testnet deployment
- ✓ Developer documentation

Phase 2: Early Adopters (Months 4-6)

- Launch on Avalanche Fuji testnet
- Partner with 3-5 early subnet projects
- Onboard 10-20 validators
- Community building

Phase 3: Mainnet Launch (Months 7-9)

- Mainnet deployment on Avalanche C-Chain
- Expand to Cosmos ecosystem
- Target 50+ subnets, 100+ validators
- \$10M+ TVL

Phase 4: Scale (Months 10-12)

- Multi-chain expansion (Polkadot, Ethereum L2s)
- Enterprise partnerships
- 200+ subnets, 500+ validators
- \$100M+ TVL

Competitive Landscape

VALIX vs.
Alternatives

Feature	VALIX	Cosmos Hub	Polkadot	EigenLayer
Heterogeneous VMs	✓ All	✗ Cosmos only	✗ Substrate only	✗ EVM only
Trustless Slashing	✓ ACCS	✗ Manual	✗ Manual	⚠ Partial
Dynamic Pricing	✓ Fee Market	✗ Fixed	✗ Fixed	⚠ Limited
Cross-Chain	✓ Native	⚠ IBC only	⚠ Parachains only	✗ Single chain
Cold Start Solution	✓ Yes	✗ No	✗ No	⚠ Partial

Our
Competitive
Advantages

1. Only solution supporting cross-chain heterogenous VMs
2. Trustless slashing via ACCS (no manual intervention)
3. Market-driven pricing via Dynamic Fees
4. Universal

Traction & Milestones

Current Status



Completed:

- Complete smart contract suite (5 core contracts)
- Three groundbreaking features implemented
- Multi-chain adapters (Avalanche, Cosmos, Generic)
- Comprehensive test suite (100+ tests)
- Full



In Progress:

- Security audit preparation
- Testnet deployment
- Early adopter partnerships
- Community building



Upcoming:

- Q2 2024: Security audit completion
- Q2 2024: Testnet launch
- Q3 2024: Mainnet launch
- Q4 2024: Multi-chain expansion

Team

Technical Leadership

- **Blockchain Architects** - 5+ years experience in DeFi and infrastructure
- **Smart Contract Developers** - Audited protocols handling \$100M+
- **Full-Stack Engineers** - Modern web3 development expertise

Advisors (To Be Announced)

- Former executives from leading blockchain projects
- Security audit firms
- Validator operators and subnet developers

Open Roles:

- Head of Business Development
- Head of Marketing & Community
- Security Researcher
- Developer Relations Lead

Financial Projections

3-Year Revenue Forecast

Year 1 (2024)

- Subnets: 50
- Validators: 100
- TVL: \$10M
- Protocol Fees: \$500K
- Registration Fees: \$250K
- Premium Features: \$300K
- Total Revenue: \$1.05M

Year 2 (2025)

- Subnets: 200
- Validators: 500
- TVL: \$100M
- Protocol Fees: \$5M
- Registration Fees: \$1M
- Premium Features: \$2M
- Enterprise: \$2M

Year 3 (2026)

- Subnets: 500
- Validators: 1,500
- TVL: \$500M
- Protocol Fees: \$25M
- Registration Fees: \$2.5M
- Premium Features: \$10M
- Enterprise: \$10M

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Funding Ask

Investment Opportunity

Seed Round:
\$3M

Use of Funds:

- **40%** - Team expansion (15 people)
- **25%** - Security audits and formal verification
- **20%** - Marketing and community building
- **10%** - Infrastructure and operations
- **5%** - Legal and

Milestones with Funding:

- ✓ Complete security audit (Q2 2024)
- ✓ Launch testnet with 10+ subnets (Q2 2024)
- ✓ Mainnet launch (Q3 2024)
- ✓ Reach \$10M TVL (Q4 2024)
- ✓ Expand to 3+ blockchain ecosystems (Q1 2025)

Valuation:
\$15M pre-money

Vision

The Future of Multi-Chain Security

Our Vision:

VALIX becomes the universal security layer for all blockchains

- **2024:** Launch on Avalanche, establish market leadership
- **2025:** Expand to Cosmos, Polkadot, Ethereum L2s
- **2026:** Universal standard for subnet security
- **2027:** \$1B+ TVL, 1,000+ subnets

Impact:

- **Democratize blockchain security** - Any project can access enterprise-grade security
- **Unlock \$50B+ in validator capital** - Enable efficient capital utilization
- **Accelerate innovation** - Remove security barriers for new projects
- **Create new economic model** - Sustainable validator economics across chains

Why Perfect Timing Now?

Market Readiness:

- ✓ Multi-chain infrastructure mature
- ✓ Subnet/app-chain adoption accelerating
- ✓ Validator ecosystem seeking new revenue streams
- ✓ Security fragmentation recognized as critical issue

Technology Readiness:

- ✓ Cryptographic primitives proven (light clients, state proofs)
- ✓ Smart contract infrastructure mature
- ✓ Cross-chain bridges operational
- ✓ Our solution technically

Competitive Window:

- ⏱ First-mover advantage in heterogeneous security
- ⏱ 12-18 month window before competitors catch up
- ⏱ Network effects strengthen position over time

Call to Action

Join Us
in
Building
the
Future

For Investors:

- Transformational opportunity in \$50B+ staking market
- First-mover advantage in heterogeneous security
- Strong technical foundation with working product
- Massive addressable market with clear path to scale

For Partners:

- Subnet Projects - Get enterprise-grade security from day one
- Validators - Unlock new revenue streams across multiple chains

For Developers:

- Open Source - Contribute to groundbreaking protocol
- SDK & Tools - Build on top of VALIX infrastructure
- Documentation - Comprehensive guides and examples

Unifying
Security
Across All
Blockchains

Website: valix.io (Coming Soon)

GitHub:

Let's github.com/sheik0x/unifiedsecuritylayer **Thank**
Connect

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