



Financial Services

License the Patents Powering the Future of
Secure Identity, Access, and Communication



Licensing opportunity

You embed the technology.

You own the deployment. Silakab supplies the patents and IP.

Use Cases

- Banking (retail, commercial, and investment)
- Pension Funds
- Wealth management firms
- Hedge funds
- Stock trading platforms
- Global exchanges
- Broker-dealers
- Payment networks
- Asset managers
- Trading infrastructure providers

The Financial Sector's Critical Vulnerabilities

These vulnerabilities cost firms billions annually.

- Synthetic identity fraud
- Manipulated KYC onboarding
- Credential cloning & access breaches
- Insider access misuse
- Data interception & communication attacks
- Compliance failures due to weak audit trails
- Infrastructure outages disrupting trading and operations

What Silakab Licenses

Silakab licenses three patented technology pillars that financial institutions can embed into their platforms, tools, systems, and infrastructure:



01

Blockchain Identity

Authentication



02

**Encrypted Access
Control with Hyperledger
Logging**



03

**Satellite-Validated
Communication**

These technologies form a tamper-proof foundation for identity, access, and communication across financial institutions.

Global Patent Portfolio

Licensees gain exclusive or non-exclusive rights depending on region & vertical.

2025 IP Market Valuation: USD **\$5 Billion**

4 Patents



[view the valuation report](#)

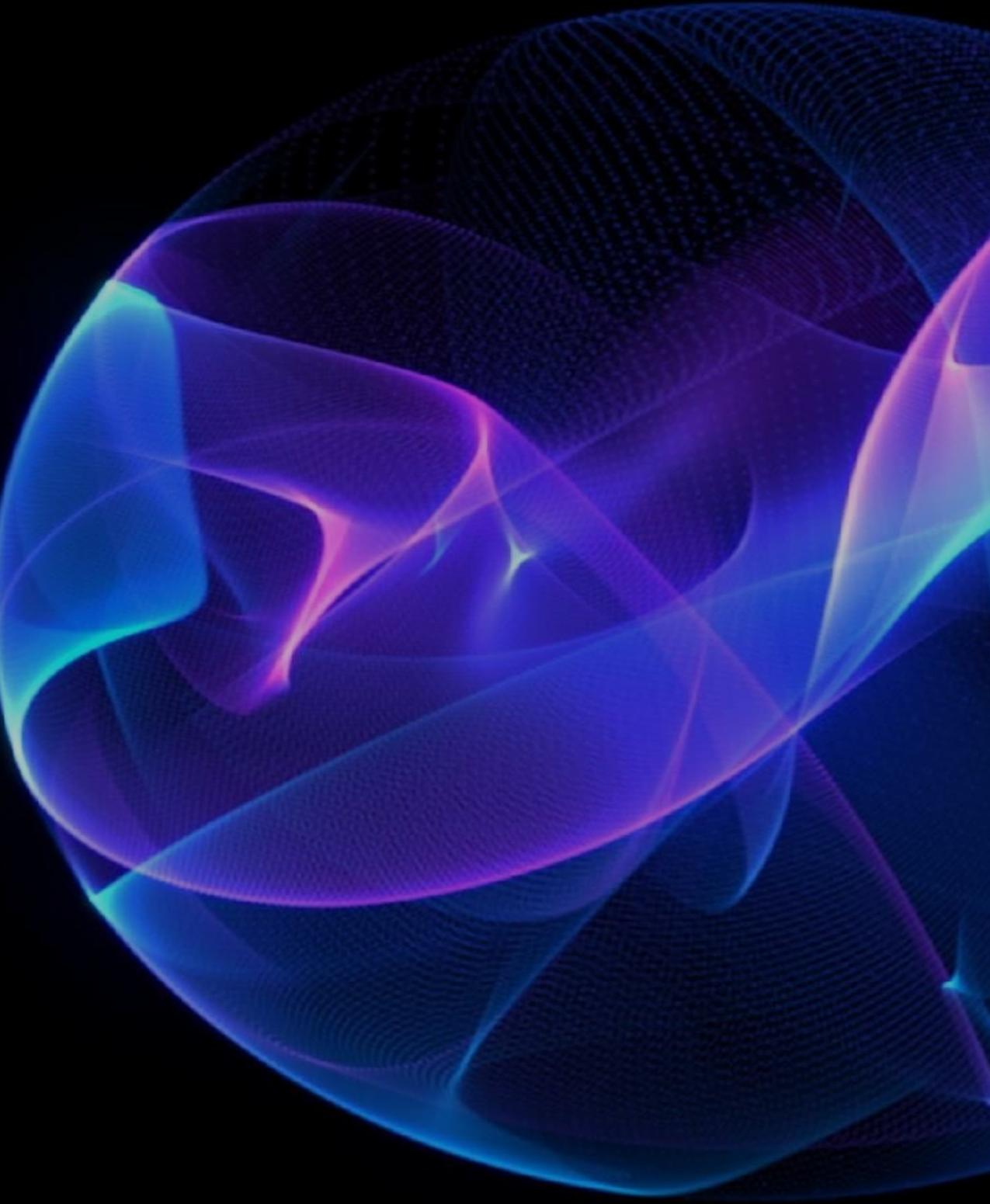
2023 IP Market Valuation: USD **\$2-2.5 Billion**

2 Patents



[view the valuation report](#)

- US
- EU
- UK
- Switzerland
- Japan
- Australia
- South Korea
- India



Why Licensing Instead of Buying Solutions?

Financial institutions demand full control over:

- Infrastructure
- Security governance
- Compliance controls
- System integration
- Operational workflows

Silakab's technology licensing model delivers:

- Patented mechanisms your team controls
- OEM-style integration into your existing architecture
- No dependency on external SaaS platforms
- Compliance-grade control of all data & processes

You build. You deploy. Silakab empowers you with the patents.

Licensing Pillar 1: Blockchain Identity Authentication

Banks, wealth managers, and trading firms can integrate:

- Immutable blockchain-based identity verification
- Biometric + physical ID authentication
- Fraud detection using blockchain comparisons
- Permanent logging of invalid identity attempts

Use Cases:

- KYC / AML onboarding
- Account creation for trading & brokerage
- High-value client authentication (private/wealth)
- Trading terminal access
- Cross-border identity verification

Why Financial Institutions Need Identity Licensing

- Eliminates forged IDs and synthetic identities
- Reduces onboarding fraud
- Enhances customer trust & regulatory compliance
- Creates immutable audit trails for regulators
- Provides cross-platform identity integrity for global firms



Patents: US20220277317 & US11257098B2

Licensing Pillar 2: Secure Access Control



Financial institutions can integrate:

- Encrypted, one-time-use access codes
- Key-fob or device-level secure entry
- Hyperledger-backed access records
- Multi-layer validation for mission-critical environments

License technology that makes unauthorized access mathematically impossible.

Benefits to Banks, Trading Firms, and Asset Managers

- Access keys cannot be cloned
- Every entry attempt is logged immutably
- Zero-trust access architecture
- Complete audit trail for FINRA, SEC, OCC, FCA, ESMA
- Eliminates unverified system access

Use Cases:

- Vault access
- Branch & secure room access
- Data center & rack-level control
- Trading floor restricted zones
- Clearing & settlement system control
- Trading desk and algorithmic system access

Licensing Pillar 3: Satellite-Secured Communication

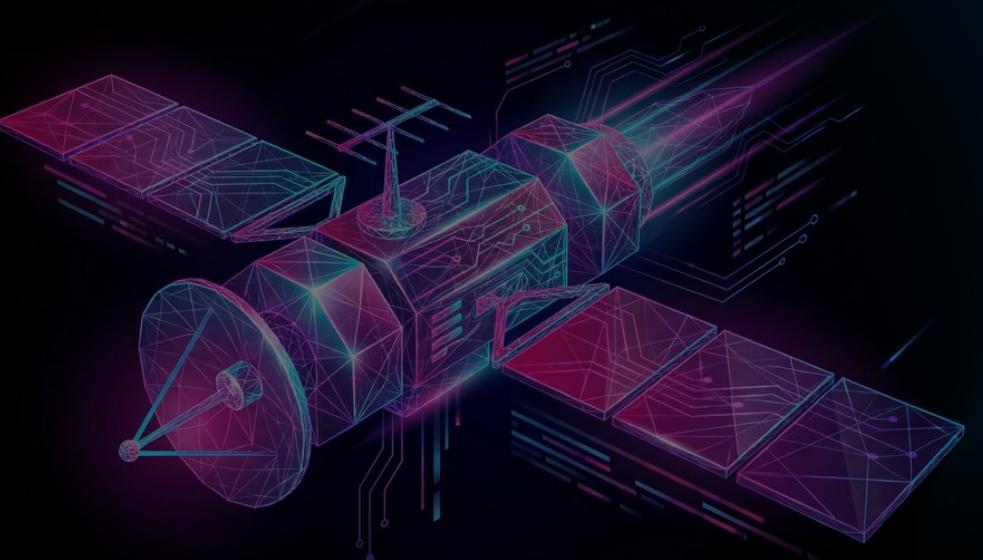
Why it matters: Terrestrial networks fail. Markets don't stop.

Financial institutions can embed satellite-verified communication into:

- Trading systems
- Inter-branch communication
- Global wealth management networks
- Market data systems
- Remote trading & operations
- Disaster recovery infrastructure

Use Cases for Satellite Communication Licensing

- High-frequency trading backup communication lines
- Remote wealth advisor communication
- International private banking coordination
- Brokerage disaster recovery
- ATM / branch continuity
- Hedge fund satellite-based command/control



Unified Architecture (Licensing Model)

Licensees integrate patented logic into any of the following systems:

- Banking core platforms
- Identity verification systems
- Market trading platforms
- Clearing and settlement systems
- Wealth management platforms
- Hedge fund operational systems
- Mobile banking applications
- ATM and branch networks
- Private bank client portals

Silakab licensing = full design freedom.

Financial Industry Segments

Silakab Serves

Retail & Commercial Banking

Identity, access, secure communication, compliance

Wealth Management & Private Banking

Ultra-secure client authentication & messaging

Broker-Dealers & Trading Firms

Trader identity verification, trading system access

Stock Exchanges & Clearing Houses

Fraud-proof identity + communication resilience

Pension Funds

Patented security infrastructure with durable, long-term licensing returns.

Investment Banks

Secure trading terminal access, deal room communication

Hedge Funds

Secure algorithm access, confidential communication channels

FinTech & Neobanks

Embedded KYC & secure access

Licensing Benefits for Financial Institutions

- Patent-backed competitive advantage
- Regulatory-grade security architecture
- Reduced fraud losses across identity & access
- Lower compliance and audit burden
- Technology neutrality: integrate into any system
- Multi-region exclusive rights available
- Lower R&D burden—adopt proven IP
- Future-proof against emerging threats

Why Silakab's Patented IP Is Unique

Capability	SILAKAB	Other Providers
Blockchain identity verification	✓	Partial
Immutable ID-image comparison	✓	✗
Encrypted key-fob access	✓	Rare
Hyperledger access logs	✓	✗
Satellite-validated communication	✓	✗
Multi-layer integrated system	✓	✗
Licensing-friendly IP portfolio	✓	✗

No other single licensing portfolio matches Silakab's scope.

Why Silakab's Patented IP Is Unique

Step 1 – Patent Licensing Scope Selection

Choose identity, access control, communication, or full-stack licensing.

Step 2 – Territory & Exclusivity Options

North America, Europe, APAC, LATAM.

Step 3 – Integration Advisory (Optional)

Your engineers embed the patented logic into internal systems.

Step 4 – Certification & Compliance Mapping

For KYC, AML, SEC/FINRA, FCA, ESMA, MAS, etc.

Step 5 – Deployment

You own infrastructure, data, and operational control.

Sample Licensing Models

Non-Exclusive Licensing

- Access to patents and core algorithms
- Multi-year licensing
- Suitable for banks, fintech, broker-dealers

Technology Vertical Exclusivity

- e.g., exclusive rights for satellite communication in HFT environments

Regional Exclusive Licensing

- Exclusive rights for defined markets
- Protects competitive advantage

Enterprise OEM Licensing

- Integrate Silakab into proprietary platforms
- No branding required

Financial ROI

Licensees typically achieve ROI through:

- Lower fraud losses
- Lower cost of compliance
- Faster onboarding
- Higher cybersecurity posture
- Reduced downtime risk
- Enhanced client trust
- Long-term competitive differentiation via exclusive IP

Silakab licensing = high-value, low-risk security modernization.

Broad Cross-Industry Applicability of Silakab's Patents

Industries

- Banking & Financial Services (Retail, Commercial, Investment)
- Wealth Management & Private Banking
- Hedge Funds, Trading Firms & Stock Exchanges
- Insurance & Pension Funds
- Government & National Security
- Healthcare & Life Sciences
- Defense, Aerospace & Aviation
- Transportation, Automotive & Logistics
- Energy, Utilities & Critical Infrastructure
- Enterprise IT, Data Centers & IoT

Representative Use Cases

- Blockchain-based identity verification & KYC/AML
- Fraud-proof client, employee, and device authentication
- Secure access to vaults, data centers, trading systems, vehicles, and facilities
- Immutable audit trails for regulatory compliance
- Secure, resilient communication for distributed and remote operations
- Business continuity and disaster-recovery communication
- Protection of high-value physical and digital assets

License the Patents Redefining Security for the Global Financial Industry.

Identity. Access. Communication. Fully secured. Fully yours to control.

Next Steps:

- Request licensing overview
- Review patent portfolio
- Schedule a legal/technical briefing
- Explore exclusivity options

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