



# 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](#)**

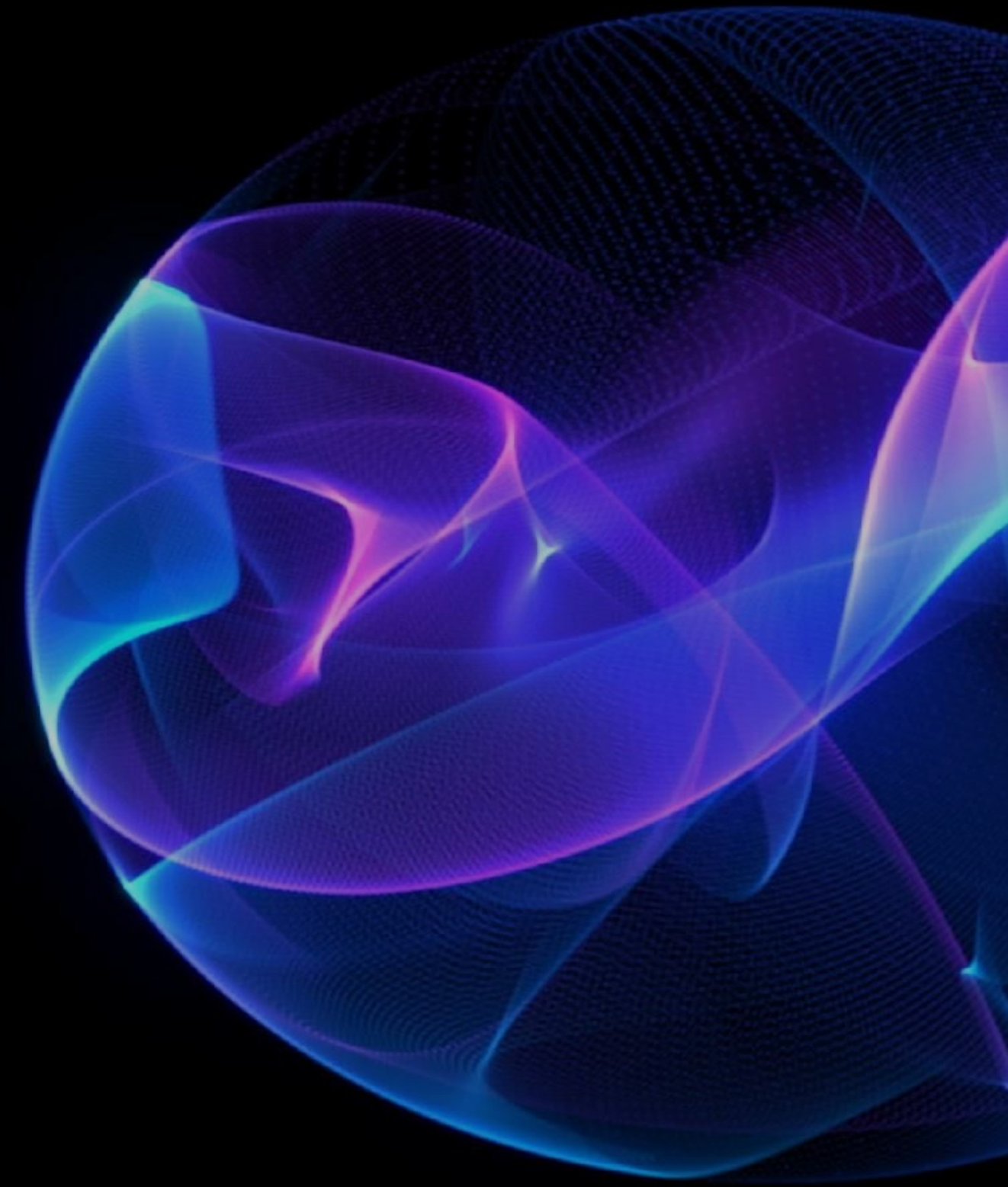
2023 IP Market Valuation: USD **\$2-2.5 Billion**

**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.**



Patent: US10878429B2

# 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



Patent: US11257098B2

# Licensing Pillar 3:

# Satellite-Secured Communication

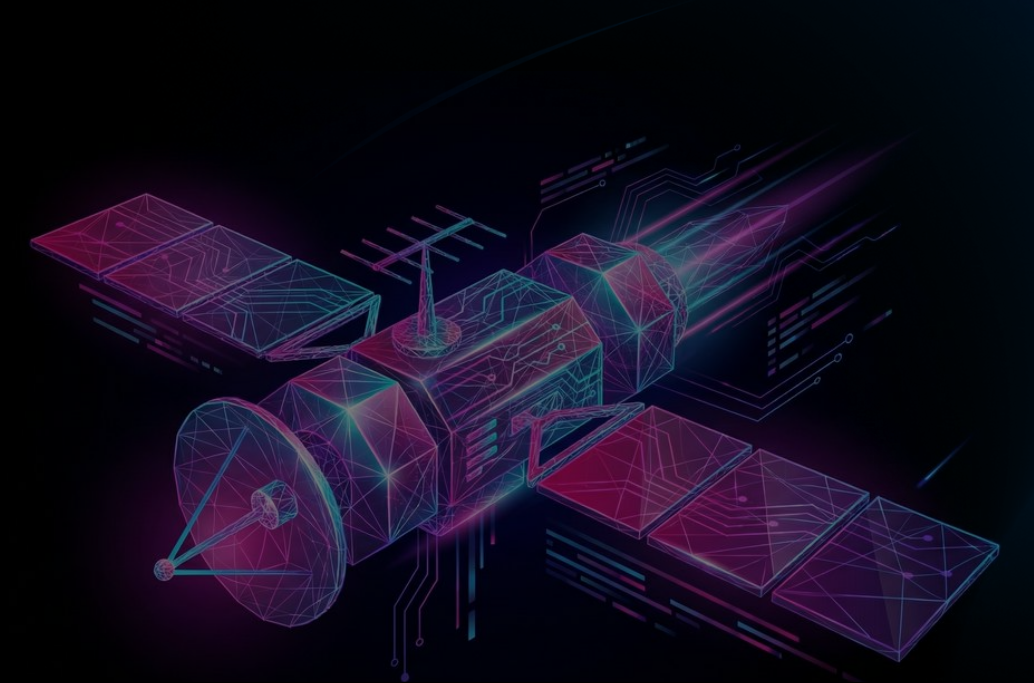
**Why it matters:** Terrestrial networks fail. Markets don't stop.

**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

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- 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

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- 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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