



# Maritime & Aviation

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

# Centralized Identity, Access & Communication Is Failing

**Every 11 seconds an enterprise is hit by a cyber attack. The average breach now costs \$4.88M. The architecture is the cause.**

- Vessel and aircraft hijacking remains a multi-billion-dollar exposure
- Forged seafarer credentials and pilot licenses undermine operational safety
- Port and airport breaches enable cargo theft and uncontrolled access at scale
- IMO 2021 cyber resolution, FAA Part 121, EASA, and TSA demand tamper-proof records
- Mid-ocean and in-flight operations need comms terrestrial networks cannot deliver
- Every vessel, aircraft, and port operation is downstream of an identity, access, or communication event

# Three Patented Pillars Available for Licensing

License independently, in pillar combinations, or as a unified architecture.



01

**Blockchain Identity  
Authentication**



02

**Encrypted Access Control with  
Hyperledger Logging**



03

**Satellite-Validated  
Communication**

License one pillar, two pillars, or all three — full design freedom on your end.

# Five Patents. Thirty-Three Countries. Independently Appraised.

Trajectory: \$2.5B (2023, Sagacious IP) → \$5B (2025, Elevate) → projected \$6.5B (2026). Licensees gain exclusive or non-exclusive rights depending on region and vertical.

2026 IP Market Valuation: USD **\$6.5 Billion**

**5 Patents**

Projected – based on Elevate Dec 2025 methodology. Not a formal appraisal.

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

**4 Patents**



[view the valuation report](#)

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

**2 Patents**



[view the valuation report](#)

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

# Why Licensing Is the Lowest-Risk Path

## What licensing delivers:

- Patented mechanisms your team controls
- OEM-style integration into existing architecture
- No dependency on external SaaS platforms
- Compliance-grade control of all data & processes
- Flexible: non-exclusive, vertical, regional, OEM

## What maritime and aviation operators

### demand:

- Infrastructure ownership
- Security governance
- Compliance controls
- System integration on their terms
- Operational workflows under their control

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

# Four Licensing Models

## Non-Exclusive Licensing

- Access to patents + core algorithms
- Multi-year licensing term
- Best fit: shipping operators, airlines, port and airport operators, and satcom vendors seeking patent-backed capability without exclusivity

## Technology Vertical Exclusivity

- Exclusive rights within a specific technology domain
- Example: exclusive satellite-comm rights for maritime fleet operators
- Best fit: domain specialists (satcom, avionics, classification societies, cockpit/bridge access) wanting exclusivity within one

MARAV sub-vertical  
**Pricing, payment structure, and term sheet under mutual NDA. All models multi-year.**

## Regional Exclusive Licensing

- Exclusive rights for defined geographic markets
- Protects competitive advantage in your region
- Best fit: regional port authorities, flag-state operators, or national airspace authorities wanting an exclusive moat within their geography

## Enterprise OEM Licensing

- Integrate Silakab patented logic into proprietary platforms
- No Silakab branding — your product, your brand
- Best fit: avionics, marine-comms, vessel-management, and port-OS vendors embedding the IP into products they ship to operators

# About Silakab

## Company Snapshot

- Headquartered in Brooklyn, New York — Silakab Corp.
- Founded by Konstantinos and Alexandros Bakalis
- 5-patent global blockchain portfolio (all 5 granted; Patent 5 granted 2026, grant number forthcoming)
- Protection across 33 countries (US, EU, UK, Switzerland, Japan, Australia, South Korea, India)
- Independently appraised at \$5B (2025); projected \$6.5B (2026)
- Counsel: Weber Rosselli & Cannon LLP

## What We Do

- License the foundational blockchain IP for identity, access, and communication
- Building Clear Chek SaaS — paper/plastic IDs to blockchain credentials
- Developing Input Device app — physical-access blockchain extension
- Licensing dialogue open to satcom operators, avionics primes, cruise and shipping majors, and classification societies
- [Learn more at silakab.com](https://silakab.com)

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

# License the Patents. Build the Future on Foundational IP.

## Next Steps:

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

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