

CASE STUDY

"At COE Security, we build, operate, and transfer world-class security solutions, empowering businesses with resilience and trust."

Joseph Henderson



CASESTUDY INTELLECTUAL PROPERTY RISK REVIEW: SAFEGUARDING INNOVATION & PROPRIETARY ASSETS

COE SECURITY LLC

USA | BRAZIL | UAE | INDIA



Measurable Impact Our Security in Numbers



- 1,500+ Global Engagements
- 95% Client Satisfaction
- 10+ Years of Cybersecurity Excellence
- 15K+ Critical Vulnerabilities Identified
- 1M+ Security Incidents Managed
- \$350M+ Costs Saved
- \$2.5B+ Transactions Secured
- 24/7/365 Threat Monitoring & Response
- Proactive Threat Hunting
- Cutting-Edge Security Technologies
- Dedicated Security Advisors
- Zero-Day Exploit Mitigation
- Incident Response Planning & Execution
- Security Awareness Training
- Customizable Security Solutions

**We're
Hiring!**

Client Profile

A multinational technology firm specializing in AI-driven software solutions, handling highly sensitive intellectual property (IP) assets, patents, and proprietary algorithms. The company needed a strategic approach to mitigate risks related to IP theft, data leaks, and compliance with international IP protection laws.

Challenges Faced

Organizations dealing with proprietary technology and intellectual property face critical security risks, including:

- **IP Theft & Insider Threats** Ensuring protection against unauthorized access, data exfiltration, and insider leaks.
- **Legal & Compliance Risks** Aligning with global IP protection frameworks such as WIPO, GDPR, and patent laws.
- **Third-Party & Supply Chain Exposure** Securing collaborations with vendors, contractors, and research partners.
- **Digital Espionage & Cyber Threats** Preventing cyberattacks targeting trade secrets, patents, and proprietary software.

Solution

The organization partnered with COE Security to conduct an Intellectual Property Risk Review, implementing a multi-layered approach to securing sensitive IP assets and proprietary data.



Compliance & Regulatory Mastery



- ISO 45001
- HIPAA & HITRUST
- NIST & NIST 800-171
- ISO 27001
- PCI DSS
- CMMC
- CIS Controls
- SOC 2
- CCPA & NYDFS
- EU CRA
- FedRAMP
- GDPR
- UK Cyber Essentials
- Essential Eight - Australia

Comprehensive IP Security Assessment

- Evaluated current IP protection policies, access controls, and data security frameworks.
- Conducted risk assessments to identify vulnerabilities in digital repositories, R&D databases, and cloud storage.
- Reviewed existing contracts, NDAs, and legal safeguards to prevent IP disputes and unauthorized disclosures.

Cybersecurity & Data Protection Strategies

- Implemented data loss prevention (DLP) solutions to monitor and restrict unauthorized IP transfers.
- Strengthened encryption protocols for securing patents, proprietary algorithms, and sensitive documentation.
- Established advanced monitoring and anomaly detection systems to identify potential IP breaches.

Third-Party & Vendor Risk Management

- Conducted due diligence on third-party collaborators to assess security measures for shared IP assets.
- Developed risk-based access control frameworks to limit vendor and contractor exposure to critical IP.
- Enforced compliance with data-sharing agreements to ensure protection under global IP laws.

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Our Cybersecurity Arsenal: Beyond Protection- We Build Resilience



- Application Penetration Testing (Thick/Thin)
- Mobile Application Penetration Testing
- API Penetration Testing
- Network Penetration Testing
- Operational Technology Security Testing
- Cloud Penetration Testing
- AI & LLM Security Audit and Pen Testing
- Red Teaming & Social Engineering Services
- Product & Hardware Penetration Testing
- IoT Security
- Security Operations Center Services (24/7)
- Custom Security Services

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Legal & Compliance Assurance

- Aligned IP protection policies with international intellectual property laws, GDPR, and industry regulations.
- Implemented contractual safeguards, including robust IP ownership clauses and cyber liability policies.
- Conducted IP risk training for employees to reinforce security best practices and legal awareness.

Results

With COE Security's Intellectual Property Risk Review, the organization achieved:

- Enhanced IP Protection Strengthened controls against unauthorized access, theft, and leaks of proprietary data.
- Regulatory & Legal Compliance Ensured alignment with global IP protection laws, reducing legal exposure.
- Improved Third-Party Security Established strict access control and compliance measures for external partners.
- Proactive Threat Mitigation Detected and prevented cyber threats targeting confidential intellectual property.
- Stronger Security Culture Increased employee awareness of IP security, reducing human-related risks.



Industries We Protect with Cutting-Edge Security



- Financial Services
- Healthcare
- Retail
- E-commerce
- Government
- Cryptocurrency
- Blockchain Technology
- Automotive
- Transportation/Logistics
- Energy & Utilities
- Hospitality/Tourism
- Entertainment/Media
- Manufacturing
- Education
- Telecommunications
- HiTech & Information Technology

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Hiring!**

Client Testimonial

COE Security played a critical role in strengthening our intellectual property security. Their expertise in cyber risk management, compliance, and insider threat mitigation helped us secure our most valuable assets

"Peace of mind in a world of cyber threats.
That's what we deliver."

Joseph Henderson

