

CASE STUDY

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

Joseph Henderson



COE SECURITY LLC

USA | BRAZIL | UAE | INDIA



CASE STUDY

SAFEGUARDING INNOVATION THROUGH PROACTIVE CYBERSECURITY MEASURES



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

Our client is a mid-sized technology company specializing in software development and digital solutions. With a rapidly expanding portfolio of proprietary technologies, the client recognized the critical need to secure their intellectual property amid increasing cyber threats and regulatory requirements.

Challenges Faced

Key security concerns included:

- Risk of unauthorized access and data exfiltration of proprietary source code
- Lack of comprehensive visibility into insider threats and privilege abuse
- Insufficient controls for protecting sensitive project documentation
- Difficulty aligning security posture with industry compliance standards

Solution

COE Security implemented a tailored Intellectual Property Risk Review Program, combining:

- Threat Assessment & Risk Analysis: Identification of key IP assets and evaluation of potential vulnerabilities.
- Access Control Enhancements: Implementation of role-based access and multi-factor authentication for critical systems.
- Continuous Monitoring: Deployment of real-time monitoring tools to detect suspicious activities and potential breaches.
- Compliance Framework Alignment: Integration of controls aligning with industry standards such as ISO 27001 and NIST.



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

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Cybersecurity Impact & Protection Measures

- Conducted comprehensive audits to identify IP exposure risks
- Hardened network perimeters to prevent unauthorized access
- Established incident response protocols specific to IP breaches
- Trained employees on IP security awareness and best practices
- Integrated automated alerts for anomalous user behavior

Governance & Readiness Improvements

- Developed policies for IP data classification and handling
- Instituted regular security reviews and governance reporting
- Created a risk management framework tailored to IP assets
- Strengthened vendor and third-party risk assessments related to IP

COE Security Service Portfolio

- Risk & Vulnerability Assessments
- Identity and Access Management
- Security Operations Center (SOC) Services
- Incident Response & Forensics
- Compliance & Regulatory Consulting
- Security Awareness Training
- Data Loss Prevention (DLP)
- Cloud Security Solutions
- Penetration Testing
- Policy & Governance Frameworks



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

Implementation Details

- Deployed multi-layered security controls across network and endpoints
- Integrated monitoring systems with existing infrastructure
- Conducted scenario-based training sessions for staff and management
- Delivered detailed documentation outlining new procedures and controls
- Provided ongoing compliance reporting and performance metrics

Results Achieved

- Reduced unauthorized access attempts by 80% within 6 months
- Improved detection coverage of insider threats by 65%
- Achieved compliance with key IP protection regulations
- Enhanced security team maturity score by 30%, reflecting increased readiness

Client Testimonial

"COE Security transformed our approach to protecting our intellectual property. Their expertise made complex security challenges manageable, giving us confidence in our cyber resilience."

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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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COE Security LLC

COE Security is a leading cybersecurity services provider, offering tailored solutions to evolving threats. We enable organizations to meet compliance, reduce risk, and strengthen cyber resilience through proven methods, expert execution, and a commitment to excellence.

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

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