

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

ENHANCING SECURITY INTELLIGENCE AND AWARENESS WITH MANAGED SERVICES



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

Client Profile

A mid-sized organization handling high-volume transactions. Rapid growth and complex regulatory requirements left the company concerned about employee readiness against sophisticated social-engineering attacks.

Challenges Faced

Key security concerns included:

- Lack of centralized threat intelligence driving proactive detection
- Increasing phishing and business-email compromise attempts targeting staff
- No formal security-awareness program; employees unaware of red flags
- Exposure to industry-specific compliance risks

Solution

COE Security implemented a fully managed Security Intelligence & Awareness program, combining:

1. Managed SIEM & Threat Hunting: Continuous log aggregation, analytics, and proactive threat hunts to detect anomalies.
2. Phishing Simulation Campaigns: Quarterly simulated phishing exercises to identify at-risk users.
3. Interactive Awareness Training: Role-based, bite-sized modules covering phishing, social engineering, and data handling.
4. Real-Time Threat Feeds: Integration of open and proprietary threat intelligence feeds to stay ahead of emerging tactics.

**We're
Hiring!**



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

Compliance & Regulatory Mastery

Gap Assessment & Regulatory Alignment

A tailored gap assessment against relevant standards identified control weaknesses in user training and incident documentation. Our managed services delivered the necessary policies, audit reporting, and evidence packages to streamline upcoming audits

Risk Management & Due Diligence

Proactive threat hunting uncovered dormant phishing campaigns. These were remediated through prioritized patching, account hardening, and targeted user coaching. Monthly risk dashboards ensured leadership maintained full visibility into residual risks.

Managed Security Intelligence & Awareness Portfolio

- 24/7 Security Monitoring & Alerting
- Intrusion Detection & Proactive Threat Hunting
- Managed SIEM with Advanced Analytics
- Vulnerability & Patch Management
- Incident Response & Remediation
- Threat Intelligence Subscription & Enrichment
- Security Log Management & Forensics
- Phishing Simulation & Reporting
- Interactive User Awareness Training
- Compliance Reporting & Audit Support

**We're
Hiring!**



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 a cloud-native SIEM solution, integrated with existing platforms and endpoints.
- Onboarded threat feeds from leading CTI providers and open-source communities.
- Launched the first phishing simulation within two weeks, immediately identifying click-rates on faux-phishing emails.
- Rolled out quarterly micro-learning sessions via our LMS, achieving high completion within 30 days.
- Delivered monthly executive dashboards and quarterly briefings.

Results Achieved

- 60 % Reduction in Successful Phishing Attempts
- 75 % Faster SOC Triage (mean time to triage reduced by 75 %)
- Full Compliance achieved ahead of audit, with zero critical findings
- Employee Awareness Score: Improved from baseline to over 90 % in quarterly assessments

Client Testimonial

COE Security's intelligence-driven approach transformed our security posture. Their simulated phishing and training programs have made our team our first line of defense.

**We're
Hiring!**



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

**We're
Hiring!**

COE Security LLC

COE Security is a leading cybersecurity services provider, offering comprehensive solutions to address the evolving threat landscape. We have a proven track record of helping organizations of all sizes mitigate risks, strengthen defenses, and recover from cyberattacks. Our team of experienced cybersecurity professionals possesses deep expertise in the latest technologies and best practices, enabling us to deliver tailored solutions that meet your unique security needs.

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

Joseph Henderson

