

CASE STUDY

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

Joseph Henderson



CASESTUDY

ENSURING COMPLIANCE AND CYBER RESILIENCE WITH NYDFS CYBERSECURITY REGULATION

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 mid-sized financial services firm providing investment and wealth management solutions to clients across New York

Challenges Faced

With increasing regulatory scrutiny and evolving cyber threats the client needed to comply with the New York Department of Financial Services Cybersecurity Regulation 23 NYCRR 500. The organization faced significant challenges in aligning its security framework with the regulation's stringent requirements

- **Cyber Risk Assessment** Identifying vulnerabilities and assessing security gaps against NYDFS requirements
- **Governance and Policy Implementation** Establishing a cybersecurity program and governance framework to meet regulatory expectations
- **Incident Detection and Response** Implementing real-time monitoring and a structured incident response plan
- **Compliance Documentation and Reporting** Ensuring accurate record-keeping and timely submission of compliance reports to regulators

Solution

The financial services firm partnered with COE Security to develop and implement a comprehensive compliance strategy tailored to NYDFS Cybersecurity Regulation 23 NYCRR 500. Our experts provided structured guidance and technical support to help the organization achieve compliance efficiently



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

Risk Assessment and Gap Analysis

- Conducted a full cybersecurity risk assessment to evaluate compliance with NYDFS 23 NYCRR 500 requirements
- Identified security gaps and developed a remediation roadmap to address regulatory deficiencies
- Established a governance framework with clear roles and responsibilities for cybersecurity oversight

Policy Development and Security Implementation

- Assisted in drafting and formalizing cybersecurity policies procedures and governance documents
- Strengthened identity and access management encryption and multi-factor authentication controls
- Implemented continuous security monitoring and threat detection to enhance cyber resilience

Incident Response and Compliance Reporting

- Developed a structured incident response plan with defined escalation procedures and regulatory reporting timelines
- Conducted cybersecurity awareness training to ensure compliance with employee security responsibilities
- Established compliance reporting mechanisms for submitting NYDFS certifications and breach notifications

**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

Continuous Compliance and Regulatory Readiness

- Conducted periodic security assessments and simulated cyberattack exercises to validate readiness
- Implemented automated compliance tracking to monitor and maintain adherence to evolving NYDFS regulations
- Provided ongoing advisory support to ensure the organization remained compliant with regulatory updates

Results

With COE Security's expertise the financial services firm successfully achieved compliance with NYDFS 23 NYCRR 500 leading to

- Strengthened Cybersecurity Posture Enhanced protection against cyber threats with robust security controls
- Regulatory Compliance Met all NYDFS requirements ensuring adherence to state financial regulations
- Improved Incident Readiness Established an effective incident response framework reducing risk and exposure
- Increased Customer and Stakeholder Confidence Reinforced trust by demonstrating commitment to cybersecurity and data protection

**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!**

Client Testimonial

COE Security provided the expertise and strategic approach we needed to navigate NYDFS 23 NYCRR 500 compliance. Their guidance helped us strengthen our cybersecurity framework meet regulatory obligations and enhance trust with clients and regulators.

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

Joseph Henderson

