

CASE STUDY

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

Joseph Henderson



CASESTUDY

ACHIEVING NIST 800-171 COMPLIANCE WITH COE SECURITY

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

Client Profile

A defense contractor working with the US government, handling controlled unclassified information (CUI) across multiple platforms and systems

Challenges Faced

As a contractor entrusted with sensitive government data the client recognized the critical importance of achieving NIST 800-171 compliance to protect controlled unclassified information (CUI). However the client faced several challenges in meeting the stringent requirements of the NIST 800-171 framework

- Risk Assessment and Compliance Alignment Identifying gaps in existing security controls and aligning them with NIST 800-171 requirements
- Policy and Procedure Development Developing and formalizing information security policies and procedures to meet NIST 800-171 standards
- Implementation of Security Controls Strengthening data protection strategies, securing CUI, and improving overall system resilience
- Audit Preparation and Support Ensuring readiness for a NIST 800-171 assessment by conducting internal reviews, control testing, and necessary remediation

**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

Solution

The defense contractor partnered with COE Security for comprehensive NIST 800-171 compliance support. Our team of cybersecurity experts provided a tailored approach to ensure the organization met all requirements for safeguarding CUI

Gap Analysis & Readiness Assessment

- Conducted a comprehensive risk assessment to evaluate the organization's security posture against NIST 800-171 controls
- Mapped existing security and compliance measures to NIST 800-171 requirements, identifying gaps and areas for improvement
- Developed a detailed roadmap for addressing gaps and achieving compliance

Policy & Control Implementation

- Assisted in developing and formalizing information security policies and procedures to meet NIST 800-171 standards
- Guided the implementation of technical controls, including encryption, access management, and network security strategies to protect CUI
- Established governance frameworks to maintain ongoing compliance with NIST 800-171

**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

Internal Assessments & Remediation

- Conducted internal audits and testing to assess compliance readiness for NIST 800-171
- Provided strategies and hands-on support to resolve vulnerabilities and ensure all necessary safeguards were in place
- Trained key personnel on NIST 800-171 standards and best practices for securing CUI

Results

With COE Security's expert guidance and strategic approach, the defense contractor achieved full NIST 800-171 compliance, resulting in

- Enhanced Security Posture Strengthened controls to protect CUI and reduce the risk of security breaches
- Regulatory Compliance Demonstrated adherence to NIST 800-171 standards, ensuring continued government contracts
- Operational Efficiency Streamlined data protection efforts and improved risk management processes across the organization
- Competitive Advantage Gained trust with government agencies and partners by showcasing a commitment to securing sensitive information

**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

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Hiring!**

Client Testimonial

Partnering with COE Security was pivotal in our ISO 27001 certification journey. Their expertise and structured approach ensured we were able to navigate the complexities of the framework with confidence and successfully achieve

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

Joseph Henderson

