### **CASE STUDY**

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

Joseph Hendersor





**CASESTUDY** 

PROTECTING SENSITIVE INFORMATION AND ACHIEVING HITRUST CSF CERTIFICATION

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 <u>Hiring!</u>

#### **Client Profile**

A leading healthcare services provider with multiple locations and a growing digital footprint, handling sensitive patient data across its platforms.

#### **Challenges Faced**

As a healthcare organization entrusted with vast amounts of sensitive patient information, the client recognized the need to enhance its security posture and achieve HITRUST CSF certification. However, the complexity of the HITRUST framework, combined with stringent regulatory requirements (HIPAA, HITECH, and state-level privacy laws), presented significant challenges:

- Risk Assessment and Compliance Alignment: Identifying security gaps and aligning current controls with HITRUST CSF requirements.
- Policy and Procedure Development: Establishing and documenting information security policies and procedures to meet HITRUST's stringent controls.
- Implementation of Security Controls: Strengthening cybersecurity defenses, improving data governance, and implementing necessary technical safeguards.
- Readiness and Audit Support: Preparing for HITRUST validation through internal assessments, control testing, and remediation efforts.

#### Solution

The healthcare provider partnered with COE Security for end-to-end HITRUST CSF certification support. Our team of cybersecurity and compliance experts provided a structured, phased approach to achieving certification:



# 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

#### **Gap Analysis & Readiness Assessment**

- Conducted a comprehensive risk assessment to evaluate the organization's security posture against HITRUST CSF controls.
- Mapped existing security and compliance measures to HITRUST requirements, identifying gaps and areas for improvement.
- Developed a tailored roadmap to address deficiencies and ensure a smooth certification process.

#### **Policy & Control Implementation**

- Assisted in developing, updating, and formalizing security policies and procedures to align with HITRUST CSF.
- Guided the implementation of technical controls, including encryption, access management, network security, and data protection strategies.
- Established governance frameworks to maintain compliance and security best practices.

#### **Internal Assessments & Remediation**

- Conducted internal audits and control testing to evaluate readiness for certification.
- Provided remediation strategies and hands-on support to address identified vulnerabilities.
- Trained key personnel on HITRUST compliance and best practices for data security.





## 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

#### **HITRUST Certification Audit Support**

- Assisted in preparing for the external HITRUST CSF validation assessment.
- Provided real-time support during the assessment to address auditor inquiries and demonstrate compliance efforts.
- Ensured documentation and evidence submission met HITRUST assessor. requirements.

#### Results

Through COE Security's strategic guidance and expertise, the healthcare provider successfully achieved HITRUST CSF certification, resulting in:

- Enhanced Security Posture: Strengthened cybersecurity framework and reduced data breach risks.
- Regulatory Compliance: Demonstrated compliance with HIPAA, HITECH, and other industry regulations.
- Operational Efficiency: Streamlined security operations and improved risk management processes.
- · Market Differentiation: Gained a competitive edge by showcasing commitment to patient data protection and cybersecurity excellence.





# 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



#### **Client Testimonial**

Partnering with COE Security was instrumental in our HITRUST CSF certification journey. Their expertise, structured approach, and ongoing support helped us navigate the complexities of the framework with confidence.

"Peace of mind in a world of cyber threats.

That's what we deliver."

Joseph Henderson

