CAPABILITY STATEMENT

Building Trust. Creating Clarity. Securing Confidence.

CYBER CASTELLUM

Cyber Castellum is a cybersecurity consulting firm that identifies security vulnerabilities and builds effective security programs for government, education, healthcare, financial services, and critical infrastructure organizations. Our services span the full security lifecycle: assessing and testing systems, building security into applications, achieving and maintaining compliance, reducing human risk, and adopting cloud, AI, and emerging technologies securely. Since 2018, we have completed more than 1,000 cybersecurity assessments and earned repeat work from state and city agencies, federal programs, and commercial clients.

Cyber Castellum is a certified minority-owned small business.

COMPANY DATA

CAGE: 8E8R5 **UEI:** YE4CABYFY2A7

NAICS: 541519, 541512, 541511, 541618, 541690, 423430, 541611, 518210

Contract Vehicle: GSA MAS

Certifications: SBA 8(a) · NYS MBE · NYC MBE · PANYNJ MBE

CORE COMPETENCIES

ASSESS → BUILD → COMPLY → TRAIN → MODERNIZE

SECURITY ASSESSMENT & TESTING — ASSESS

- Vulnerability Assessment & Analysis
- Web App Security Assessment
- Secure Code Reviews
- AI Adversarial Testing
- Phishing & Social Engineering
- Penetration Testing
- Mobile App Security Assessment
- Wireless Assessment
- Endpoint Security Assessment
- Hardware Security Testing
- Red Team Operations
- API Security Testing
- Cloud Security Assessment
- VDI Security Assessment
- Physical Security Testing

BUILD — APPLICATION SECURITY & DEVSECOPS

- Application Security (SDLC)
- Threat Modeling & Risk Analysis
- DevSecOps Advisory

COMPLY — GOVERNANCE, RISK & COMPLIANCE

- Cybersecurity Compliance
- Advisory Services
- Fractional CISO

TRAIN — HUMAN RISK & SECURITY AWARENESS

- Security Awareness
- Phishing Simulations
- Developer Training
- IR Tabletop Exercises
- Executive Briefings

MODERNIZE — CLOUD, AI & EMERGING TECH

- Cloud Security Architecture
- AI Security & Governance
- Blockchain Security

STAFF CERTIFICATIONS

CISSP · CSSLP · OSCP · OSEP · GPEN · GXPN · GWAPT · GMOB · GREM · Security+

Also held: CEH, OSCE, GCIH, Certified CMMC Professional. Coins: Zero-Point Security Red Team Ops.

STANDARDS & FRAMEWORKS

FISMA · FedRAMP · NIST SP 800-53 · NIST CSF · NIST SP 800-171 · CMMC · HIPAA · IRS Pub 1075 · PCI-DSS · ISO 27001/27002 · SOC 2 · NERC-CIP · CIS Benchmarks · CISA SCuBA · OWASP · NENA (NG911)

TECHNOLOGY PARTNERS

tenable · Checkmarx · RAPID7 · VERACODE · opentext · PlexTrac

PAST PERFORMANCE

CYBER CASTELLUM

NYS Department of Health

2018–2028

Security testing of Medicaid systems (eMedNY, MAPP, DiRad portal), vulnerability management, vendor security workbook reviews, Early Intervention risk validation, and privacy governance for Medicaid data and PHI.

NYS Board of Elections

2020–2026

Independent security review for voting system certification: oversight of lab source code reviews and analysis of test plans and results for ES&S, Dominion, and Clear Ballot systems.

NYC Office of Technology and Innovation

2021–2025

IT Security Project Manager for Next Generation 911: security scanning, NIST and NENA control implementation, and operational readiness validation. Also delivered Cisco ISE services to DoITT.

NYS Homeland Security & Emergency Services

2025–2028

Program management for the ICS-OT Risk Assessment Program, leading critical infrastructure stakeholder work groups with the Office of Counter Terrorism.

MTA & NYS Bridge Authority

2021–2026

Internal and external penetration testing of toll collection infrastructure, including the MTA Central Business District Tolling Program (CBDTP).

NYS OAG, OSC, NYSLRS, NYSED & CUNY

2019–Present

Web application, penetration, and vulnerability assessments of 50+ applications and systems, including multi-phase testing of the NYSLRS system redesign and a BMCC Microsoft 365/Entra review.

FDNY, NYS ITS & NYS OMH

2025–2027

Cloud and network security support for FDNY, technical solution architecture for ITS, and AWS security architecture for OMH modernization.

IRS Safeguards

2023–Present

Developed Safeguard Computer Security Evaluation Matrices (SCSEMs), the IRS test plans for systems handling federal tax information (FTI), and conducted computer security reviews of state and federal agencies for compliance with IRS Publication 1075.

Commercial Clients

2021–Present

Large insurance company: NIST SP 800-53 assessment for CMS certification and a three-year testing program. **SaaS company:** five consecutive years of testing. **Global life insurer:** CI/CD security integration. **Blockchain project:** node and protocol security testing.

CLIENTS

NYS Department of Health · NYS Board of Elections · NYS & Local Retirement System · NYS Office of the Attorney General · NYS Office of the State Comptroller · NYS Education Department · NYS DHSES · NYS ITS · NYS Office of Mental Health · NYS Bridge Authority · MTA · NYC Office of Technology and Innovation · FDNY · CUNY BMCC · Internal Revenue Service

DIFFERENTIATORS

Eight Years in NY Government

25+ task orders across more than a dozen New York State and City agencies since 2018, with repeat awards year after year.

Trusted With Sensitive Data

Medicaid data, PHI, federal tax information, and election systems, under HIPAA Business Associate agreements.

Certified, Hands-On Testers

CISSP, OSCP, OSEP, GXPN, GPEN, and CRTO-certified staff who test manually, not just scan.

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