

EMERGING TECHNOLOGY. HUMAN IMPACT.

EVERY SYSTEM. EVERY SOLUTION. EVERY TIME

CYBER CAPABILITIES

Everybody knows the emergence of new technologies and ever-present attacks from our adversaries have made cybersecurity more important now than ever before. Cybersecurity as an afterthought no longer suffices. Octo integrates cybersecurity into everything we do from network protection for the Army to securing log files for the Department of Health and Human Services. Security is always top of mind.

Program Management:

From inception to delivery, Octo's experienced cybersecurity experts marry cybersecurity risk management with project risk management and strategic planning to produce holistic cybersecurity solutions.

Data Strategy:

Data collection, storage, and analysis are critical to managing cybersecurity intrusions and their proper response. By understanding government requirements and what the agency's attack surface looks like, we are able to develop more powerful data strategies. The right data strategies turn ill-informed protection work into insightful defensive realities!

Systems Engineering:

Regardless of what type of system your agency is implementing, Octo can help design that system with maximum cybersecurity. Whether internal or publicly available, Octo's Systems Engineers place special emphasis on cyber. Our engineers are certified with the industry's latest standards to include CISSP and CEH. Plus, our experience includes building cybersecurity into systems large and small.

Cybersecurity Solutions:

All our service offerings build up to comprehensive solutions. From vulnerability assessments to Governance, Risk Management, and Compliance (GRC), from threat modeling to continuous monitoring, Octo is your answer. We build and integrate solutions that support and enforce FISMA and NIST guidance. Let us help protect your agency and bring the same level of defense we've shared with the rest of the Federal Government.

Our Capabilities:



Agile DevSecOps



Alliance



Artificial Intelligence



Blockchain



Cloud & Infrastructure



Cyber



Data Sciences



DDF



Open Source

Our Credentials:

When you work with Octo, you work with a company with real world emerging technology experience supported by mature development processes focused on the user – processes that offer ROI and have mission-centric human impact.



CMMI DEV / 4SM

ISO 9001



ISO 20000



ISO 27001



U.S. Army – Defensive Cyber Operations: The Octo cybersecurity team aided the PdM DCO, PM CAD, and PM CPS in supporting defensive cybersecurity acquisitions and sustainment of the Cyber Protect Brigade. We remediated Garrison Defensive Platform (GDP) to support the deployment of at-distance cyber capabilities and tested solutions for risk and compliance with DoD regulations. We also supported RMF efforts for GDP, DDS, DDI, Modular DDS, Phalanx, and BDP.



U.S. Army – Reserve Component Automation Systems: The Octo cybersecurity team assists with consolidation and implementation of security principals and controls across the reserve system. In support of this effort, Octo developed RCAS' continuous monitoring strategy, A&A policies and procedures, and Security architecture. We also implemented RCAS' RMF IAW SDLC Process that helped build security changes into software development.



Health and Human Services (HHS): Subject to DHS' CDM directive to implement security monitoring, HHS relies on log data, which can become corrupted, resulting in vulnerabilities and unreliable reports. Octo created Logchain using blockchain to catalog log files, changes, deletions, and updates. The first solution to harness blockchain in HHS for cybersecurity, Logchain can identify who made changes and from where. HHS can expand Logchain through nodes that can replicate functionality to encompass all areas of HHS.



Substance Abuse and Mental Health Services Administration (SAMHSA): Harnessing cutting edge security tools, we help SAMHSA provide mental health support and resources for some of the nation's most at-risk individuals and communities. Octo's cybersecurity experts create and maintain systems for applications and infrastructure teams, working with SAMHSA to assess security posture, remediate vulnerabilities, address issues, and update documentation.



The National Institutes of Health (NIH): Octo's cybersecurity experts support the NCI through vulnerability management, software assurance, configuration compliance, CDM activities for A&A and the Department of Homeland Security, and forensic and investigative activities. Masterful use of NIH standard tools and close working relationships with the NIH IRT/TMIR/DFIR teams as well as the NCI CIO and ISSO allow the NCI to continually participate in first-adopter, pioneering work with new cutting-edge platforms/tools from leading industry providers to ensure the continued healthy security posture of the NCI.



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