TYTO
Athene

MISSION-FOCUSED. CYBER-READY.

DoD Cybersecurity Solutions

Tyto Athene delivers mission-focused cybersecurity solutions powered by advanced automation, enhancing responsiveness, transparency, and resilience through our unique cyber engineering approach. We pioneered the first federally accredited multi-tenant Managed Security Operations Center, setting a new standard for collaborative defense.

Key Solutions

- **Security Operations Center (SOC) Optimization**

  Experienced in optimizing Security Operations Centers (SOCs) across complex networks provides valuable lessons in inter-SOC coordination, tool and process standardization, threat intelligence utilization, and fostering innovation.

- **Security Automation & Orchestration**

  Our automation expertise helps you address workforce shortages. Enables a consistent and efficient security operations with reduced resource requirements, ensuring cost-effective protection.

- **Zero Trust Architecture**

  Deep experience in designing and deploying Zero Trust architectures tailored to your specific requirements. We ensure continuous authorization and validation of every user and device, delivering proactive defense across all network classifications. Our experts understand that Zero Trust is an ongoing process of evolution and maturation and provide solutions that adapt to today's dynamic threat landscape.

- **Risk Based Compliance**

  Expert navigation in strict compliance frameworks (such as RMF) without sacrificing agility and balancing operational need against risk. Our extensive knowledge and expertise enables compliance with NIST, ISO, FedRAMP, FISMA, and other critical standards. This, coupled with our expertise and use of automation, enables consistent and efficient response to emerging cyber threats.

- **Secure Network Modernization / Operations**

  Tyto designs, implements, and operate mission networks across all security levels for customers across the globe. We integrate Zero Trust Architecture (ZTA) principles, ICAM, edge security, segmentation, continuous authentication, and real-time threat detection across endpoints, cloud, and on-premises systems.

> "Tyto was a key contributor to attaining the first-ever CSSP Certification and Accreditation for the United States Space Force. It accomplished this monumental milestone in under a year, a process that normally takes three years to complete." Tyto's mission obsession drives our personnel to excel and exceed expectations.

Key Benefits

- Mission Assurance: Solutions built to support and protect critical defense missions.

- Compliance Expertise: Deep knowledge of compliance frameworks including RMF and NIST.

- Enhances defense posture, enabling proactive response to threats and stay ahead of emerging threats. Continuous threat monitoring and proactive defense to mitigate cyber risks.

- Cleared, Experienced Personnel: Access to DoD-cleared experts with specialized defense experience.

- Scalable Security Architecture: Tailored solutions designed to grow with evolving needs.

- Rapid Incident Response: Minimized downtime through tactical containment and recovery.

Our Team Your Advantage

- **DevSecOps**

  Security integration into CI/CD pipelines, enhancing DevOps processes. Automate security controls implementation, integration of STIG and CIS images ensures robust, continuous protection as part of the software development lifecycle.

- **Cloud Security**

  Leveraging our expertise as a Certified Third-Party Assessment Organization (3PAO), we ensure continuous protection for your mission-critical systems. Our advanced cloud tooling, including Cloud Security Posture Management and Automated Moving Target Defense, creates a dynamic defense that thwarts attackers and safeguards your cloud workloads.

- **Multi-Domain Operations (MDO) & Classified Networks**

  Expertise in securing classified systems across land, air, sea, space, and cyber domains. Ensures seamless integration of cybersecurity across multi-tier, multi-organization, protecting mission-critical data and networks.
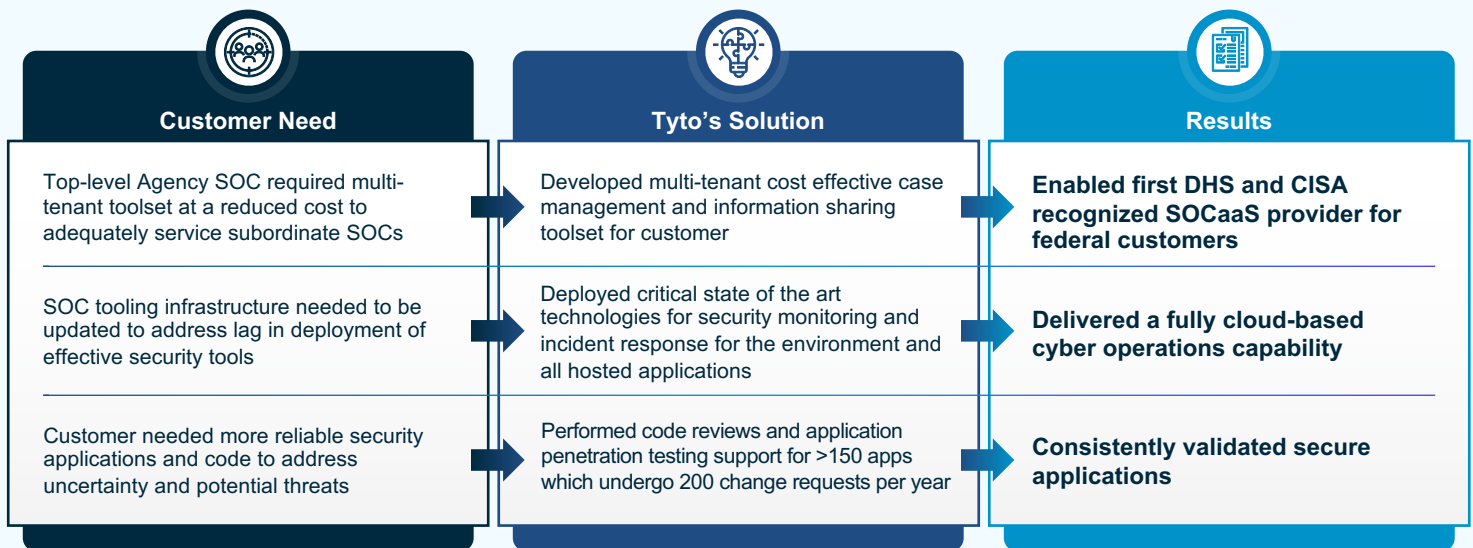
- **Post-Quantum Readiness**

  Starting with an inventorying process for relevant encryption hardware and software, Tyto Athene takes a risk-based approach to driving readiness for post-quantum cryptography. We implement a tailored, incremental modernization strategy, prioritizing modernization with minimal disruption.

- **Software Supply Chain Risk Management**

  Tyto Athene's comprehensive approach supports a wide array of SBOM standards and can tailor tool deployment to meet priority mission requirements. We protect SBOMs by encrypting SBOM data in transit and rest, and chosen a modular, scalable architecture allowing for flexibility, rich analytics and real time tracking.

Outcome Driven Approach

Customer Need	Tyto's Solution	Results
Top-level Agency SOC required multi-tenant toolset at a reduced cost to adequately service subordinate SOCs	Developed multi-tenant cost effective case management and information sharing toolset for customer	**Enabled first DHS and CISA recognized SOCaaS provider for federal customers**
SOC tooling infrastructure needed to be updated to address lag in deployment of effective security tools	Deployed critical state of the art technologies for security monitoring and incident response for the environment and all hosted applications	**Delivered a fully cloud-based cyber operations capability**
Customer needed more reliable security applications and code to address uncertainty and potential threats	Performed code reviews and application penetration testing support for >150 apps which undergo 200 change requests per year	**Consistently validated secure applications**

About Tyto Athene

Tyto Athene delivers mission-focused solutions that keep critical missions future-focused and future-ready. We utilize adaptive architecture and continuous integration to secure essential data, so our clients can make informed decisions, create decisive advantages, and drive dominance. We do more than solve the needs of now, we deploy what's next.

Certifications

- 2024 ISO 9001:2015 Certification – renewed
- 2024 ISO 17020
- 2024 Level 3 CMMI Services Certification
- FedRAMP 3PAO
- SOC 2 Type 2 Certification

For more information about our cybersecurity services, please email bd@gotyto.com

https://gotyto.com

Tyto GSI is registered in System for Award Management (SAM) as a Large Business under NAICS Code 541519.

TYTO Athene

DATA TO DOMINANCE