

PRAETORIAN SECURE SOLUTIONS

DIACAP Support Services: Industry experts in certification and accreditation (C&A), information security consulting, risk management advisory services, security design and configuration, and project management. We provide innovative Information Assurance (IA) strategies and risk management information technology security solutions to the Department of Defense (DoD), US Federal Government, corporations, and non-profit organizations.

Our DoD 8570.01 compliant security engineer's possess comprehensive risk management, certification & accreditation (C&A), security engineering, certification implementation planning, documentation artifact, and policy creation experience developed from managing certification and accreditation compliance strategies for major corporations and the Department of Defense (DoD) customers.

The Praetorian Secure team developed C&A experience as Agents of the Certification Authority Representatives (ACAR) validating DoDI 8510.01 and DoDI 8500.2 compliance on behalf of the US Army Certification Authority (CA). We are experts at conducting DoD 8500.2 and FISMA IA control validation, Security Test & Evaluation (ST&E), and creating certification and accreditation packages for submission to respective certification authorities (CA) and Designated Approval Authorities (DAA).

We use sophisticated network-scanning tools and industry-certified (CISSP, CCNA, MCSE) employees to effectively deliver enterprise-wide security and compliance solutions to small, medium-sized, and large organizations

throughout the United States. Praetorian Secure, LLC. is a Service Disabled Veteran Owned Small Business (SDVOSB). Please review our capabilities brief under the main menu "About Us" then select "Praetorian Information" and download our brochure.

How Praetorian Secure Solutions can help with IT Security?

Praetorian Secure Solutions (PSS) information security professionals have in-depth experience helping organizations reduce risk exposure, maintain compliance (FISMA and DIACAP), and protect information/data assets. To increase the effectiveness of an organization's threat and vulnerability management, PSS professionals deliver technical testing expertise and advisory services that address prevention, detection and correction.

Sample Review Methodology:

- *Document Review*
- *Risk Identification*
- *Vulnerability Scan*
- *Data Analysis*
- *Report & Briefing*
- *Consulting and Advisory Services*

Security Assessment & Risk Mitigation

Services: PSS can help you better focus your efforts towards reducing your exposure to information security risks by undertaking an in-depth assessment and/or benchmarking analysis. We evaluate your organizations security framework against common standards (DISA, NIST, SCAP, or NSA) as well as other industry recommended security best practices. By using this service you can quickly and efficiently determine key security risks or gaps in your security program in order to facilitate corrective action.

Vulnerability Assessment: Vulnerability assessments are used to evaluate an organization's security level, identify any security issues and associated risk. Using the industries best vulnerability assessment tools, our PSS consultants will scan your network and connected systems to identify any potential vulnerability that could be exploited to gain unauthorized access.

Network Security Design and Policy

Review: PSS understands the level of risk associated with different network resources (routers, firewalls, IDS, switches) and the need to apply an appropriate level of assurance based on data sensitivity and availability requirements. Our staff will use expert tools and manual security configuration reviews to determine whether network devices are configured according to industry security design and configuration standards. Perimeter or boundary security is the basis for a robust defense in depth strategy (DiD) for protection of your critical information technology assets. The design review will include a review of Ports and Protocols, rules, access controls and segmentation.

Penetration Testing: Penetration testing takes the vulnerability assessment to the next level. Once vulnerability scans have been performed to identify potential vulnerabilities, our experienced PSS consultants, will then assess the results, choose and carefully exploit vulnerabilities in order to provide, where possible, convincing evidence of real threat exposures through the "proof of access". Using a risk and business focused methodology in combination with commercially available and customized tools. PSS will report in detail, how a user with malicious intent could gain unauthorized access to vulnerable systems and sensitive information such as customer or financial information, Personally Identifiable Information (PII), Health Insurance Portability and Accountability (HIPAA), email or sensitive system information (passwords, remote network and application access).

Web Application Security Assessment:

Using a combination of vulnerability assessment and penetration testing

techniques, PSS can evaluate the security and resilience of your critical web applications and underlying infrastructure. Our approach combines automated and manual testing methods, to carefully assess the target web application's ability to prevent intruder exploitations through increasingly sophisticated techniques such as SQL injection and cross site scripting (CSS).

Security Design and Mitigation Reviews:

PSS can help you examine your established security and control settings within their information technology and business operations areas. We review operating systems, firewalls, routers, databases, and anti-virus solutions. Not only do we diagnose problems, we also make cost-effective recommendations to help you improve your security posture, keeping it in line with your level of residual risk acceptance.

Praetorian Secure maintains DoD 8570.01 certified (CISSP, MCSE, and CCNA) information assurance professionals available for contracted security engineering engagements and vulnerability assessment. We will proactively assess your current security baseline and develop a comprehensive security plan for your critical assets based on DIACAP compliance requirements and industry best practices. The effort will ensure your organization meets certification and accreditation compliance.

Our Information Assurance staff is trained and experienced with the latest secure configuration and validation software and understands DoD standards for determining your compliance level.

IA Services Concept:

"The development of security policies and plans, along with the development of architectures, systems, and techniques to protect organizational assets is a growing industry and we at Praetorian Secure are leading the way. Our security conscious and dedicated professionals are creating new and innovative ways to protect your data and network infrastructures every day. By Praetorian Secure staying one step ahead of

the intruder, you stay one step ahead of the enemy."

Our Information Assurance (IA) Services:

- Oversee the efforts of security staff to design, develop, engineer and implement solutions to exceed FISMA and IA Program security requirements.
- Be responsible for the implementation, oversight and development of all IT security on the network.
- Gather and organize technical information about an organization's mission goals and needs, existing security products, and ongoing programs in the Security arena.
- Perform risk analysis that also includes risk assessments.
- Engage in planning, coordinating and implement the organization's information security programs.
- Provide support for facilitating and helping agencies identify their current security infrastructure and define future programs.

Policy Analysis: Our industry certified experts are well-verse in the various directives, laws, and regulations that govern today's organizations. We make it our mission to guide our customers through the confusing and ever-changing by-laws and get to the core requirements. Together we will work to create, implement, and maintain the security-related documentation and design system architecture in a team environment. Our technical expertise, attention to detail, and process expertise will refine the way Information Assurance (IA) is conducted in your organization and keep the mission secure.

Program Support: Praetorian Secure employees have been integrated into Government Information Assurance (IA) program offices to serve as team members, team leads, and project managers. Praetorian Secure truly is a reliable ally to have in your office, handling tasks ranging from assessing the overall effectiveness of the Program Support office to reviewing IA testing procedures. Our vast experience in establishing IA program procedures and policies will

become evident from the first day one of our associates steps into the office. We walk with pride at Praetorian Secure knowing that the information needed to run this great country, is safe, secure, and available.

Database and Data Protection Services:

As an additional value proposition, Praetorian has developed an innovative "Zero Day Vulnerability" mitigation and resolution service to protect high value (sensitive data), HIPAA and PII when an un-patched "severe risk" zero day vulnerability is exposed via industry experts. Currently, there is a "high risk Oracle database privilege escalation vulnerability" that exposes the sensitive data of everyone who uses the product in their critical infrastructure. This could lead to costly litigation and the database software provider has no patch out to fix the issue. An undetected hacker could actually escalate privileges due to an un-patched flaw and steal data. Praetorian in partnership with industry recognized experts from "Team Shatter" of Application Security Inc. have aligned our resources to provide specialized services to protect customers and mitigate these types of uncovered risks and potential financial liabilities. Soon you will see this service offering from Praetorian on Application Security Inc website <http://www.appsecinc.com/>.

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Strategic Alliances for Building Comprehensive Solutions:

Praetorian Secure, LLC has strategic partnerships established with some of the finest companies in the industry. We compliment our experience and services with a wide variety of security products and tools to better prepare our clients for the ever emerging threats and vulnerabilities of today’s business world. No matter the threat, we have the resources available to identify, mitigate, and remedy the situation.



Trusted Computer Solutions (TCS) is an industry leader in providing cross domain and cyber security solutions for both the private and public sectors. The company’s portfolio of security products include the SecureOffice® Suite, a group of cross domain solutions that allow the secure transfer and sharing of information; Security Blanket®, an industry award-winning operating system lock down and security management tool; and CounterStorm™, a behavioral, statistical and content-based anomaly detection system that rapidly identifies targeted and zero day attacks.

APPLICATION SECURITY, INC.

The award-winning AppSecInc product line, acknowledged as the industry's only complete database security, risk, and compliance solution, enables organizations to extend existing data protection measures to include the database, thereby tightening security and bolstering compliance. Our security experts, combined with our strong support team, deliver up-to-date database protection that minimizes risk while enabling business operations.



eEye's integrated vulnerability management and endpoint protection solutions detect vulnerabilities and threats, prevent intrusions, protect all of an enterprise's key computing resources, from endpoints to network assets to web sites and web applications, all while providing a centralized point of security management.