NETWORK SECURITY SERVICES

As a consultative firm, Praetorian brings many years of experience to the table and our in-depth understanding, technical prowess, and business acumen add significant value in enhancing our clients’ security posture. Through time tested, thorough methodologies, our consultants will assess your organization’s security exposure in order to provide mitigation strategies, and assist in remediation efforts.

Praetorian’s network security services include policy reviews, configuration reviews, technical interviews, and security testing. A comprehensive security assessment can have many facets. Engagements are scoped to include one or more service lines depending on the needs of the client. Contact our sales team to discuss any of the risk assessment service lines below.

External Network Assessments
Identifies and examines network vulnerabilities for external, Internet facing systems to determine whether they can be exploited by an attacker to compromise targeted systems or used to gain access to sensitive information. An optional external penetration testing phase includes exploitation of the underlying vulnerabilities.

Internal Network Assessments
Identifies and examines network vulnerabilities for internal, Intranet systems to determine whether they can be exploited by an attacker to compromise targeted systems or used to gain access to sensitive information. An optional internal penetration testing phase includes exploitation of the underlying vulnerabilities.

Network Architecture Reviews
A network architecture review will evaluate the function, placement, and gaps of existing security controls and compare their alignment with the organization’s security goals and objectives.

Network Configuration Reviews
A review of network configurations will provide more in-depth, detailed information on the specifics for each network device than a network architecture review or penetration test can alone.

I recommend Praetorian... We would use them again to consult on security issues and best practices as they provide a valuable service and prompt, helpful deliverables.

Sunny Nair
VP, Systems Operations and IT at BancVue
Active Directory Reviews
Active Directory reviews are critical because of the role Active Directory plays in an environment and because the review allows us to identify vulnerabilities that cannot be detected through network testing.

Wireless Security Reviews
Wireless assessment services evaluate the security of your organization’s wireless implementations and provide recommendations for improvement. An optional wireless penetration testing phase includes exploitation of the underlying vulnerabilities.

Application Assessments
Our testing process examines how the application performs authentication, authorization, data validation, user and session management, encryption, and error handling. Through a thorough testing methodology, our consultants can ensure your publicly available service does not become a publicly exposed liability.

VPN Security Reviews
The VPN review compares your current configuration against recommended best practices and identifies any areas of concern. The assessment includes remote and onsite configuration review as well as an architecture review.

Firewall Security Reviews
Firewall security reviews are important because they identify vulnerabilities that cannot normally be detected through network penetration tests and black box network assessments.

Mobile Infrastructure Reviews
Mobile infrastructure reviews evaluate bring your own device policies and mobile security controls. The goal of this assessment is to identify potential holes in your organization’s security posture as it relates to mobile technology.

Social Engineering Testing
Social engineering is commonly defined as a technique that uses persuasion and/or manipulation to acquire unauthorized access. While email phishing is more prevalent, telephone and physical social engineering campaigns can also be used to induce human reaction.

ABOUT PRAETORIAN
Praetorian is a full-service information security consulting firm specializing in security assessments, application security, penetration testing, policy development, regulatory compliance, security research, and security training.

Its consultants come from a wide range of backgrounds and specialties. Previous employers include Symantec, McAfee, MIT Lincoln Labs, Rapid7, Sun Microsystems, Dell, IBM, Cisco, Morgan Stanley, Citi, National Instruments and PricewaterhouseCoopers.

The team members include published authors, patent holders, open source developers, industry researchers, and conference presenters.