Services Overview

OVERVIEW

Clear Skies Security, LLC (Clear Skies) is an IT security consulting company that specializes in helping our customers find security weaknesses in computer networks and applications, and then provide specific remediation steps to eliminate the risks. Clear Skies assists our clients to ensure the security of any applications they deploy or purchase, and we will always act as a trusted security advisor to lower the overall security risks to the organization.

The elite professionals at Clear Skies specialize in security assessments to include:

- Penetration Testing
    - o Annual PCI Pen Testing
- Application Assessment/Code Review
- Internal Security Assessment
    - o Wireless Testing
    - o VOIP Assessments
    - o Virtual Server Security Assessment
    - o Social Engineering
    - o War Dialing
- ISO Gap Analysis
- Secure Code Training

PENETRATION TESTING

A Penetration Test (Pen Test) examines the entire customer environment for vulnerabilities, at all levels of the infrastructure to include the network, operating systems and applications. Pen Testing provides a picture of overall risk that cannot be achieved by any other means.

Tasks:

- Automated vulnerability scanning
- Manual exploitation to simulate realistic hacking scenarios
- Provide detailed actions and strategies to reduce identified risks

APPLICATION ASSESSMENTS

Application Assessments take the standard Pen Test to the next level by providing in-depth analysis of business applications. This can include custom developed applications as well as commercial off the shelf applications.

Tasks:

- Thoroughly evaluate the full functionality of an application to identify security strengths and weaknesses
- Identify flaws in the application design, coding, logic, and configuration through manual testing
- Some limited source code review may be done to identify and exploit logic errors, especially around web applications, that no automated scanners can identify
- **NEW** - test mobile applications (iOS, Android, Blackberry, and Windows Mobile) to ensure security best practices are implemented properly throughout the application

INTERNAL ASSESSMENT

The Internal Security Assessment is not a simple automated vulnerability scan, but rather a comprehensive evaluation of security controls in place against best practices. Clear Skies' methodology combines extensive technical testing with specialized analysis of findings to present a comprehensive view of the risks associated with each identified vulnerability.

Tasks:
- Network/Host/Database Testing
- Wireless Testing
- War Dialing
- VOIP Assessments
- Virtual Server Security Assessment
- Social Engineering/Physical Security

SECURE CODE TRAINING

Most of a developer's education is based on writing code that is well documented, easily re-usable, and efficient. Rarely do developers receive any formalized training on how to write secure code. The increase in application issues across all organizations and the success of the recent automated SQL Injection attacks is evidence of this.

Tasks:
- Specialized training in the language being used by the developers to provide insight on writing more secure code
- Showcase bad examples of code and how it can be leveraged into different attack vectors
- Show how the same code can be written more securely

ISO GAP ANALYSIS

The Clear Skies ISO 27002 Gap Assessment is a structured and comprehensive assessment of the client's existing security posture.

Tasks:
- Extensive information gathering processes to fully understand the client's business processes
- Develop sound risk management processes specific to the customer's needs
- Ensure the policy framework is in line with industry best practices

SERVICE BENEFITS

While there are many competitors that all claim to perform security assessments, when examined more closely, it is evident that Clear Skies is different.

Benefits:
- Extensive manual evaluation leveraging the skills and experience of its elite consulting staff
- In-depth analysis of the findings to provide a comprehensive view of the risks associated with the vulnerabilities
- High quality project deliverables based on years of customer feedback

OUR ASSESSMENTS UTILIZE 80% MANUAL TESTING TECHNIQUES FOR MAXIMUM RESULTS

Clear Skies
SECURITY
Intelligence. Secured.