



Clear Skies Assessment Services

Your Trusted Security Advisor for all of your Assessment Needs

Services 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
- Application Assessment/Code Review
- Internal Security Assessment
 - Wireless Testing
 - VOIP Assessments
 - Virtual Server Security Testing
 - Social Engineering
 - War Dialing
- Policy 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. Done properly, this provides a picture of overall risk that cannot be achieved by any other means. Testing techniques include both automated vulnerability scanning to find common issues, and extensive manual analysis to simulate the same activities a hacker would use.

Vulnerabilities identified during the Pen Test are documented in detail along with recommended actions and strategies to eliminate the risks in the future. The risk of each issue is evaluated based on the impact and likelihood to your organization, and then an overall risk rating is calculated.

If an exploitation scenario is successful, a detailed step-by-step description is provided to show how the exploits actually worked, and what data could be compromised as a result. Screen captures are utilized to document and showcase the entire process so that the issues can be re-created if necessary.



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. The goal of the Application Assessment is to thoroughly evaluate the full functionality of an application to identify security strengths and weaknesses in the application design, coding, logic, and configuration. Similar to the Pen Test, the Application Assessment looks at the application environment from a “black box” approach, and does not examine the source code specifically. When necessary, some limited source code review may be done to identify and exploit logic errors, especially around web applications.



Internal Assessment

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

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



Policy Gap Analysis

The Clear Skies ISO 27002 Gap Assessment is a structured and comprehensive assessment of the client’s existing security posture. Clear Skies’ methodology for an ISO Gap Assessment utilizes extensive information gathering processes to fully understand the client’s business processes. Armed with this knowledge, the Clear Skies team can develop sound risk management processes specific to the customer’s needs while ensuring the policy framework is in line with industry best practices.



Secure Code Training

Most of a developer’s formal 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. The purpose of this service is to have specialized training in the language being used by the developers to provide insight on writing more secure code. The training walks through bad examples of code and how it can be leveraged into different attack vectors and then shows how the same code can be written more securely to reduce the overall risk of compromise.



Service Benefits

While there are many competitors that all claim to perform quality security assessments, when examined more closely, it is evident that Clear Skies is different. Clear Skies’ methodology provides for more extensive manual evaluation leveraging the extensive skills and experience of its elite consulting staff. This provides in-depth analysis of the findings to provide a comprehensive view of the risks associated with the vulnerabilities.

Clear Skies’ experience in this field is evidenced by the quality of our project deliverables. Other security companies tend to deliver simple vulnerability assessments as it allows them to use consultants with little experience.

Clear Skies has the mentality that if it can’t be done right then we don’t want to do it at all. This vigilant focus on quality of the deliverables and the unbiased recommendations to truly help protect our customers sets us apart from the competition.



Clear Skies
SECURITY

Intelligence. Secured.