

ASSESSMENT

Vulnerability
Assessment
Penetration Testing
Web Application
Testing
Source Code Review

Source Code Assessment

Description

During source code reviews, our consultants walk through code line-by-line, looking for flaws that would allow an attacker to take control of your application, perform a denial of service attack against it, or use it to further their access on to your network. This allows us to take a much more holistic view of your application and identify vulnerabilities and exposure points that would have otherwise been hidden.

BENEFITS:

- *Reduce False Positives*
- *Reduce Development Costs*
- *Fix Flaws Before Exploitation*

REMEDIATION

Vulnerability
Remediation
Policy Development
Secure System Design
Procedure
Development
Security Training

Methodology

Our source code assessments use a multi-pronged approach to discover all of the weaknesses in your applications. State of the art source code analysis tools are used along with line by line inspection in order to uncover flaws. During these assessments, we often discover security issues such as the following:

- **Cross-site scripting vulnerabilities**
- **Obsolete API usage**
- **Native interface calls**
- **Weak cryptographic algorithms**
- **Hardcoded sensitive information**
- **Improper exception handling**
- **Dangling pointers**
- **Insecure error handling**
- **Improper bounds checking**
- **Backdoors**
- **Code injection vulnerabilities**
- **Unnecessary code complexity**
- **Application logic issues**
- **Denial of Service vulnerabilities**

RESPONSE

Incident Response
Forensics
Expert Witness
Support
Program Development

Deliverables

Upon completion of the engagement, you will receive the following items:

- Executive Summary Risk Matrix
- Detailed Technical Findings with Remediation Steps
- Strategic Next-Step Recommendations

Our executive summary risk matrix assists management with spending security dollars most effectively. We take the guesswork out of the vulnerability remediation process by providing an implementable action plan to immediately begin reducing the risks facing your organization.