



From Banking and Brokerage to Shopping and eCommerce, customers increasingly interact directly with companies through Web Applications. For years, IT organizations have invested in Web Application Security Testing. And with good reason. Computer banking errors quickly make the news and create negative brand awareness. Web Applications are only part of the story. The reliability of the infrastructure they run on is just as important. Most firms spend far less on Web Application Security Testing than they should.

A Web Application Vulnerability Assessment (WAVA) quickly brings to light weaknesses and points directly to corrective actions needed.

## Why Choose Arsin?

*Web Application Vulnerability Assessment Service is ideally suited to firms looking to enhance the capabilities of their security resources, the maintenance and upkeep of security tools and knowledge while still maintaining in-house control and operation of Web Application Infrastructure.*

## Commitment

Our corporate mission is "Empowering our customers to be competitive through strategic deployment of quality solutions and agile engineering processes. We will achieve this by our commitment to innovation and intellectual property."

## Focused Expertise

We are focused, specialized, 'best-of-breed' vendors of Web Application Security Testing Services.

## Methodology

Our robust Web Application Security Testing methodologies, strong Web Application Security Testing skills and use of market leading Security Testing Tools successfully provide the correct service needed to our Clients.

## Quality

We have institutionalized Security Testing processes that result in Performance Improvement on the Web Applications tested.

## Partnership

We aim to grow our association with our customers beyond the immediate business opportunity. We go the extra mile to make our relationship a long-term and mutually beneficial partnership.

## People

Arsin is led by a strong Management Team with extensive experience in Testing and Development. More importantly, our Web Application Security Testing Team, is comprised of bright, experienced and certified testing professionals.

## Web Application Vulnerability Assessment (WAVA)

With WAVA, there's no need to worry about constantly upgrading your security software. Arsin's WAVA utilizes the latest tools and vulnerability assessment methods.

Arsin's Security Testing Team uses the information gathered during the WAVA process to launch Black Box Testing. These tests run quickly, saving time and money while increasing confidence in the reliability of your Web Applications.

## RESULTS

- ▶ Written analysis of findings
- ▶ Catalogue of analysis logs
- ▶ Assessment of all identified vulnerabilities
- ▶ Remediation recommendations to the identified vulnerabilities

*"U.S. companies will spend 10 times more on infrastructure security by 2011 than they do now."*  
Gartner Group, 2001

## Web Application Security Testing Service Feature

### HIGHLIGHTS

- Leading Security Tools used for Scanning and Vulnerability Checking
- Web Application Server and Database Level Checks
- Comprehensive Vulnerability Assessment reports prepared by our Security Team, not a report generated by Automated Tools
- Assessments completed in very short periods and quick, reliable and secure remediation's provided to the client
- One-time Web Application Vulnerability Assessment or Periodic Assessment Based on Client requirements.
- All Security Consultants pass rigorous background checks
- Enabling Robust Web Application Security
- Arsin's Web Application Security Remediation's lower your costs, so you can use the freed up dollars to invest in strategic initiatives critical to your business
- Arsin's comprehensive and flexible Security Solutions ensure improved Security Levels and minimized downtime
- Using data gathered during Vulnerability Assessments, our Security Testing Experts help Clients discover and eliminate vulnerabilities to plan for tomorrow's business needs
- Built upon the three strategic pillars Process, Quality and Continuous improvement our Proven Processes and Methodologies lower your IT operational costs

### BENEFITS

- Increased confidence in system reliability
- Use of latest Web Application Vulnerability Assessment Tools from leading vendors
- Fast & Efficient Web Application Security Test Engineers

## Process & Methodology

Arsin's WAVA stands between faceless remote services and expensive "end-to-end" engagements. The WAVA provides the flexibility of a one-time "check-up" as well as the necessary Web Application Security Infrastructure to support scheduled or periodic re-evaluations, leveraging the original planning and test setup efforts.

Advanced Security Tools hosted on a secure server outside the corporate firewall are used to actively map, probe, and identify known vulnerabilities that could be used to disrupt or misappropriate Client resources.

Our focused approach and robust Web Application Security Testing Methodology helps you achieve your strategic goals:

- ▶ Continuously drive down your operating costs, which are increased due to potential attacks, while driving up the quality and effectiveness of your web applications by providing mitigations to the vulnerabilities
- ▶ Increased Web Application Security Testing process improvements by carrying forward the lessons learnt from previous engagements
- ▶ Test and Monitor the Security of your Web Applications
- ▶ Improve your Web Application Security by using our deep and diverse technical skills and our proven application testing techniques.
- ▶ The Web Application Security Testing Team goes through a detailed process. The results found during a WAVA allow the team to develop apt solutions and suggestions for the remediation of the vulnerabilities found

The test process employed by Web Application Security Testing Team involves the following:

- ▶ Phase 1: Information Gathering/Assessment
- ▶ Phase 2: Planning & Analysis
- ▶ Phase 3: Vulnerability Detection
- ▶ Phase 4: Attack / Penetration Testing (if the Client requires PT)
- ▶ Phase 5: Analysis & Reporting

## Web Application Security Testing Activities include:

- ▶ Plan: Our Security Team works with you to define the assessment scope.
- ▶ Execution: Working at your location, the Web Application Security Testing Team conducts a series of tests on the Web AUT(Application Under Test). Tests can be scheduled to minimize impact on peak production loads.
- ▶ Analyze: As test execution results are analyzed and risks are ranked by severity manual investigation of specific anomalies may be undertaken to accurately classify risks and provide mitigation to these risks found.
- ▶ Report: A Comprehensive WAVA Report-complete with remedial recommendations is prepared and presented

## Web Application Vulnerability Assessment Scope

### Scope of Analysis

Vulnerabilities take many forms and new vulnerabilities are discovered almost daily. WAVA focuses on vulnerabilities in the Client Web Applications.

The WAVA, by using market leading security testing tools, is capable of analyzing a growing list of security risks in the following areas:

- ▶ Cross Site Scripting (XSS)
- ▶ Injection Flaws
- ▶ Information Leakage and Improper Error Handling
- ▶ Broken Authentication and Session Management
- ▶ Insecure Communications
- ▶ Backdoors
- ▶ Denial of Service
- ▶ Remote File Access
- ▶ SMTP

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- ▶ Use of recommendations for corrective actions to mitigate the vulnerabilities found in the Web Applications under Test
- ▶ Efficiency savings associated with identifying and fixing vulnerabilities before a malicious user misuses the Web Application rather than during a crisis

### ROI to the Client

- ▶ Arsin's WAVA Technology provides economic efficiency, and quality benefits
- ▶ Time and money saved through use of Arsin's WAVA methodology
- ▶ Time and money saved through use of expert opinions as opposed to less-experienced staff researching the loss due to a breach in security

### Trust

Our goal is to make sure you know at least as much as hackers already know about your Web Application Security Vulnerabilities and to provide you with a detailed, technically sound, sophisticated action plan for improving your Web Application Security.

All of our Security Consultants are full-time employees who have passed a rigorous background check and are Ethical Hackers understanding their responsibility to the Client and aware of all the compliance issues and International Cyber Crime Laws.

At Arsin, we exclusively focus our talent and experience in meeting your needs capably, comprehensively and cost-effectively. Arsin clearly comes out ahead of other players in this market, with its focused capabilities, passionate Web Application Security Testing team and demonstrates strength in improving the end-user experience.

For More Information call **(408) 653-2020** or email: [info@arsin.com](mailto:info@arsin.com)

### Corporate Headquarters - US

4800 Great America Parkway  
Suite 425  
Santa Clara, CA 95054-1228

Tel: (408) 653-2020  
Fax: (408) 653-2030