

Security Testing Services



Web, Application, Network, and Mobile

The most rigorous security testing can only be done effectively by employing highly-skilled human analysis and best-in-class tools.

Our proven methodologies consistently uncover vulnerabilities others may have missed, and provide you with a comprehensive plan to mitigate the threats and weaknesses that put your critical systems, applications, and data at risk.

BSI offers a continuum of Security Testing Services, performed by some of the most skilled and knowledgeable Consultants in the industry. We specialize in performing comprehensive Web, Application, Network, and Mobile testing, and we'll walk you through every finding to ensure you understand each vulnerability and how best to address it to keep your systems and data safe.

Our process simulates an attack by a malicious individual or team, using a proven, thorough methodology that involves a high degree of skilled human analysis combined with effective use of automated tools and techniques. Our comprehensive reporting and attention to detail will help you prioritize and remediate high-risk security vulnerabilities before they can be exploited by real-world attackers.

Our Application Security and Penetration Testing services are designed to identify and address your technical security risks. BSI's expert testers help you:

- Understand the real risk and exposure presented by your web, application, network, and mobile platforms
- Find your security and architecture flaws before the bad guys do
- Educate your executive and technical stakeholders so that you can make informed decisions on how to address your exposures
- Prioritize your remediation plan and associated IT spending, based on your real risk profile
- Understand the root cause of your vulnerabilities, so that you can address them now and in the future
- Support a secure architecture and development program throughout every stage of your systems lifecycle



...making excellence a habit.™

Application Security and Penetration Testing Overview

1 Application Security / Code Review

- Our Code Reviews include a deep-dive inspection of your application's codebase, using both manual techniques and automated tools.
- Our application Architecture/Design review provides valuable feedback to help you integrate security throughout the development process.
- Our Application Security Program Development helps you build security into your Software Development Life Cycle (SDLC).
- Our application security consultants have years of real-world, hands on experience building and defending security-critical applications.

2 Network Penetration Testing

- We perform thorough testing using our proven, proprietary methodology; our process includes the use of leading commercial and open source testing tools and sophisticated manual testing and analysis.
- Our skilled testers chain exploits together to achieve specific goals, and provide you with an analysis of your network from an attacker's perspective.
- Our process results in an actionable, custom-written report containing exploit examples and expert advice tailored to your business, not just automated scan results.

3 Web Application Security Testing

- Our approach looks at your applications using both manual techniques and automated tools, and uncovers both common and obscure vulnerabilities that can lead to service disruption or compromise.
- Our process looks at both application-specific vulnerabilities as well as issues related to business logic and platform. The result is a cost-effective, comprehensive test designed to maximize both accuracy and coverage.
- We'll walk you through every finding to ensure you understand each vulnerability and how best to address it.

4 Mobile Application Security Testing

- We have extensive experience testing mobile applications on a wide variety of platforms, including iOS™, Android™, Windows™, and BlackBerry™.
- Our process includes a combination of sophisticated manual and automated testing used to thoroughly analyze the device, server, and client components of your application.
- Our experienced team of testers has a big-picture approach to security, and our proven methodology helps you uncover serious security exposures, including insecure storage or transmission of sensitive information, sensitive client-side business logic, and mobile platform-specific vulnerabilities.



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