Web Application Assessment

Web Application Assessment Overview
Web applications are the foundation for many customer and partner self-service capabilities. The same factors that make them attractive in these scenarios – standards-based protocols, client-server technologies and ubiquitous access to name a few – also make them attractive to hackers.

A web application security assessment is based on state-of-the-art “black box” security testing methodologies and provides cost-effective validation that your critical Internet-facing applications do not present unmitigated risk to your business.

Web Application Assessment Benefits
Data security breaches are in the news on at least a weekly basis. Hackers are now motivated by profit and not just fame and prestige. They are commonly employed by foreign governments, terrorists and organized crime. While the state of software security has improved in many regards, web application vulnerabilities remain as the most damaging in reputation, and costly, of all technical security vulnerabilities. While developers have to write perfect software every time, attackers only need to find one flaw in order to successfully compromise data.

As a critical step in a secure software development lifecycle, security testing, especially during the Quality Assurance and Testing phases, increases the confidence in custom and often complex software.

Our Proven Methodology
The Insight Networking approach starts with understanding your business environment: what is the purpose of the application, who will be accessing it and what types of data (especially “regulated” or sensitive data) are present. We analyze the relationships between the application, its users and other data and systems within your IT portfolio.

With this basic understanding of how the application facilitates your business, Insight embarks on our technical testing processes. Using industry-recognized tools, manual “hacking” techniques and our collective experience, we evaluate the ability of the application to withstand a dedicated and persistent attempt to violate the security model. We evaluate such critical factors as application architecture, input validation routines, user interface security models, session management and user persistence and database interface methods – all in an attempt to identify weaknesses that can lead to abuse.
Once the data is collected, Insight prepares an initial briefing to discuss the results with your team, especially web developers but also including IT and business management. If, during the data collection phase, we encounter findings of significant risk, we will alert your team to their presence immediately in order to facilitate timely resolution. After the initial briefing, Insight analyzes all of the data, producing the final report.

The final report identifies unmitigated risk within the application targeted to an IT or business manager. It also provides ample screenshots and background information appropriate for developers with sufficient detail to facilitate immediate and complete remediation.

**Success Stories**

Insight has delivered its unique blend of security and business risk management assessment to a wide variety of industries, including:

- State and municipal government agencies
- High-tech companies
- Financial services industry
- Manufacturing
- Logistics and Transportation
- Healthcare

**Fast Facts**

- Cisco Gold Certified Partner
- HP Platinum Partner
- IBM Premier Business Partner
- Lenovo Premier Business Partner
- Microsoft Gold Certified Partner
- Lifecycle Management Services
- ISO 9001:2008 Integration Labs
- Advanced Technology Labs
- IT Management Services with a 24x7 Network Operations Center
- 432,000 square foot Distribution Center
- $130M ‘ready to ship’ inventory, $3.3B virtual inventory
- 2,500+ technical certifications

**ABOUT INSIGHT**

Insight Networking is a strategic business unit of Insight, a technology solutions provider serving global and local clients in 170 countries. Today, thousands of clients, including more than 80 percent of the Global Fortune 500, rely on Insight to acquire, implement and manage technology solutions to empower their business. Insight provides software and licensing services globally. In addition, we offer a comprehensive portfolio which also includes networking, hardware and value added services for our clients in North America and the U.K. We are aggressively expanding our global capabilities by introducing new offerings, including hardware and services, to meet emerging needs for our clients worldwide. Insight is ranked No. 484 on the 2009 Fortune 500.