SOLUTION BRIEF

APPLICATION SECURITY TESTING

Our Industries

Government
Justice and Public Safety
Health
Energy
Commercial

CHALLENGE

As an increasing number of companies place more and more valuable resources on internet accessible networks and systems, the likelihood of these networks and systems being attacked increases. Furthermore, harvesting user data from insecure systems is becoming increasingly profitable for attackers. The incidence of attacks that compromise both business and user data is increasing; the cost of these attacks continues to increase in step. Companies often assume their networks and data are secure, however without comprehensively testing these assumptions they may be more vulnerable than they believe.

OUR SOLUTION

The best practice for protecting systems is defence-in-depth. One aspect of this defence strategy is to validate the effectiveness of the controls currently in place. Sierra's Offensive Security Certified Professional (OSCP) penetration testers attempt to exploit known vulnerabilities in servers and systems, as well as the most commonly found vulnerabilities in custom built applications. These vulnerabilities can then be remediated before the system is offered to its intended audience, which can decrease the likelihood and severity of real-world attacks.

By introducing application security testing early in the development cycle, the cost of remediating any issues identified is decreased. If these issues are discovered after the application is launched not only are users and the organization's reputation impacted, but the cost of remediation grows dramatically.

As a premier solutions and custom-built services provider, Sierra Systems has a comprehensive security services offering that includes application security testing which can be added to projects at any stage of the software development lifecycle.

This service is only one piece of a good security strategy, one that often includes third-party testing. Having technical security consultants available to analyze third-party test results allows confidence to grow when dismissing false positives and confirming true positives.

As a deliverable, Sierra produces a report detailing all tests run, their results, and any recommended remediation. This report also details the risk and potential impact of not performing the recommended remediation.

Cost to Remediate Security Issue
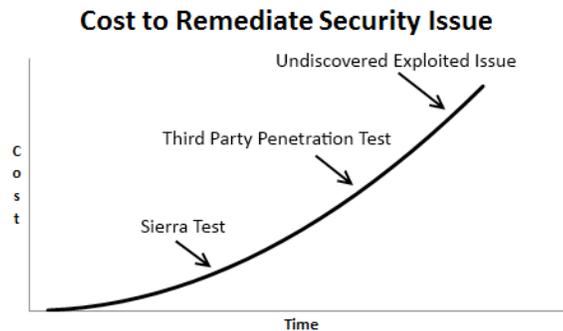
OUR SERVICES

Selecting the right service partner for a custom development initiative is a critical decision. Sierra has over four decades of expertise providing IT services to the Canadian market. With Sierra Systems as your service partner you benefit from our deep technical expertise as well as our strong industry experience.

Our Custom Development practice provides full lifecycle support to build high-quality applications that conform fully with your requirements. Using our proven methodology and framework our experts can define application requirements, analyze application characteristics, develop, test, implement and secure custom applications that meet your needs.

LEARN MORE

To learn more about how Sierra's Custom Development solutions can help you secure your applications, contact us:

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