

DATA SHEET

Application Security Testing

Identify exploitable vulnerabilities and unknown risks before threat actors do

Expanding Risk Exposure

Businesses and public organizations are increasingly turning to applications to innovate, stay competitive and improve experiences with their customers, employees, and partners. But an expanding applications footprint increases an organization's attack surface for cyber threat actors, or inadvertently risk unauthorized access and data loss. At the same time, organizations often lack the internal resources and expertise to keep up with an ever-changing security landscape, let alone test and assess their networks, applications, and overall security programs. They need expert help to elevate their security profiles, reduce risks and achieve compliance.

How Secureworks® Helps

The Secureworks Adversary Group is a dedicated team of top security testers leveraging a goal-based methodology that has been honed by years of testing and insights from thousands of tests annually. Our elite team exceeds the OWASP Top 10 to assess and test the state of your applications and provide actionable recommendations to enhance security. Our application security testing experts hold a unique combination of application development and security testing experience to provide organizations with the knowledge and efficiency needed to conduct thorough security evaluations that identify and expose areas of risk.

Secureworks provides application security assessments that arm you with insights to strengthen your security posture and provide assurance that your web applications, mobile applications, and web services (e.g., APIs) are secure. Protect your brand and gain peace of mind by leveraging our deep knowledge of the Tactics, Techniques and Procedures (TTP) of threat actors.

Web Application Security Assessment

External Applications

Web applications represent an organization's connection to the Internet and its customers, partners, and suppliers. Web applications are critical assets that drive customer awareness, revenue, and sales activity. This makes web applications attractive targets for threat actors, and the source for most reported security breaches.

Customer Benefits

- Gain assurance that your mobile applications, web applications, and APIs are secure
- Receive actionable recommendations to enhance security
- Reduce your risk and improve operational efficiency
- Maintain the confidence of your customers, employees, and business partners
- Meet compliance demands

Internal Applications

Applications that are accessible through an organization's internal network drive business processes and house sensitive information such as intellectual property, customer data, employee information, and sales data.

With Secureworks, you can:

- Assess your applications for known vulnerabilities
- Identify business logic flaws before attackers do
- Validate the effectiveness of your perimeter controls
- Evaluate the security controls in place for your applications
- Test to determine specific areas of weakness and their risk to your organization

Mobile Application Security Assessment

The Secureworks Mobile Application Security Assessment examines the security and compliance risks of your entire mobile application, its associated backend systems, and the interaction and data flow between them.

- Examine the application interfaces and supporting infrastructure to determine possible attack vectors
- Analyze internal controls to expose vulnerabilities that are not apparent from end-user interface testing only
- Perform detailed manual technical testing to identify potential risks, vulnerabilities and threats

Web Service or API Testing

Web service or APIs are typically used as connective tissue between applications (middleware) to connect systems and support business operations. Examples include business to business (B2B) translations and backend e-commerce functionality. Testing application web services or APIs requires advanced knowledge of the coding techniques and packages used in delivering applications and services.

We will:

- Evaluate low-profile Web Service and API components as part of your existing web or network infrastructure testing regimes
- Uncover potential unknown components and risks
- Support many web services and API frameworks

Service Features

- Tests assess web applications, mobile applications, and APIs to identify vulnerabilities
- Expert guidance and recommendations will improve security postures
- Testing includes, but is not limited to, the OWASP top 10 most critical application security flaws
- Many Web Services and API frameworks are supported
- Thorough review of not just the application but whether a hacker could gain access to the network or data behind it

Custom Application Security Testing

Organizations commonly develop or use custom, **thick client** software to manage critical business operations. Secureworks can perform advanced adversarial testing of these applications to discover unprotected sensitive information, weaknesses in client/server communications, and paths to local or remote data and system exploitation.

Many large enterprises depend on mission-critical IT ecosystems to run their business or offer these services to customers in the form of Software as a Service (SaaS). Secureworks offers a unique **Whitebox Ecosystem Assessment** that performs both static and dynamic analysis of each individual ecosystem component, tying each together with a well-defined research methodology. This proven approach is effective in discovering critical ecosystem vulnerabilities before the adversary can find and exploit them.

Enhancing Your Testing Program

No individual, stand-alone test provides a comprehensive picture of an organization's security. Each adversarial test has its own objectives and acceptable levels of risk. Secureworks works with you to determine what combination of techniques you should use to evaluate your security posture and controls to identify your vulnerabilities.

- [Application Security Testing](#)
- [Red/Purple Team Exercises](#)

About Secureworks

Secureworks® (NASDAQ: SCWX) is a global cybersecurity leader that protects customer progress with Secureworks® Taegis™, a cloud-native security analytics platform built on 20+ years of real-world threat intelligence and research, improving customers' ability to detect advanced threats, streamline and collaborate on investigations, and automate the right actions.



For more information,
call **1-877-838-7947** to
speak to a Secureworks
security specialist
[secureworks.com](https://www.secureworks.com)