

# AT&T Consulting

## Application Security Health Check Assessment Bundle

In today's global marketplace, organizations increasingly rely on web applications and web-enabled solutions to achieve business goals. Many of these run across enterprise networks, interact with business partners, and touch end customers. Given the mobility of the modern workforce and the interconnected nature in which organizations conduct business, applications often transcend organizational borders and go beyond the traditional network perimeter.

Within this extended enterprise network, the impact of vulnerable software applications is significantly magnified. Compromised applications can pose a real threat to business operations, both within the enterprise and across the supply chain.

To address this threat, application security should be included as part of a well planned security and risk management program. A holistic application security strategy, along with a disciplined software security approach built into all the phases of your application development lifecycle, is essential to maintaining application health. In addition, application security can be key to achieving compliance with regulations and various industry standards.

### Application Security Assessment

Historically, security efforts have been focused on a traditional perimeter defense model with network and endpoint security elements. Network controls such as enclave architectures, firewalls, and intrusion detection/prevention solutions were intended to isolate

and protect systems and data from malicious traffic. Anti-Virus and other client-side security products were deployed to protect the end system from corruption and compromise due to malicious content or programs. Until recently, however, little attention has been focused on the security of the application itself. Today, the problem of application security is widely acknowledged. Applications are increasingly becoming enforcement points for enterprise business risk decisions and security policy. Applications must be designed and built securely so that they can withstand attempts to circumvent the controls they were intended to enforce.

Sensitive application data has become a high-value target. Applications drive revenue for lines of business, increase operational efficiencies through task automation or optimization, and often provide the customer their first experience with the organization through online interaction. If an application fails due to a security incident, the organization can be negatively impacted in all of these areas. As a result, regulations and industry standards have become more stringent in requiring assessment and resolution of these risks. Application security testing and assessments are now a compliance requirement for many industries in addition to being a best practice.

### Solution

AT&T Consulting can help you better assess and understand the security of your applications and proactively address these

### Benefits

- Engage with experts
- Focus on critical areas of application functionality
- Accelerate time with fixed level of effort
- Deliver assessment results for informed decisions
- Help avoid unnecessary expense and potential brand tarnish

### Features

- Review network and application data flow documentation
- Perform automated scanning
- Provide expert analysis of scan results
- Conduct detailed manual testing
- Create report detailing recommendations



risks. AT&T Consulting offers the Application Security Health Check Assessment Bundle, which offers a focused review of the ability of a targeted web application to protect the confidentiality, integrity, and availability of the data it processes; its ability to enforce user role and access decisions; and its capabilities to withstand common attempts at compromise. This Bundle includes the following activities:

- Review available network and application data flow documentation.
- Perform up to 4 hours of automated scanning for application-level vulnerabilities against a single web-based application.
- Perform up to 4 hours of expert analysis on scan results to confirm and verify that all vulnerabilities identified in the scan are in fact present.
- Conduct up to 28 hours of detailed manual testing to identify critical application security threats which are not readily detectable through automated scanning.
- Provide a report detailing prioritized recommendations for remediation of identified issues and areas of the web application which warrant additional review and a debrief meeting with key stakeholders (approximately 4 hours total).

AT&T has a comprehensive application security strategy that can assist organizations define and implement a meaningful application security program, from a governance, process, and technology perspective. Our goal is to help you create a sustainable program to allow you to establish and easily maintain your application security posture.

#### Key Benefits

Benefits of the AT&T Consulting Application Security Health Check include:

- Quickly engage with experts in the application security field.
- Focus on critical areas of application functionality such as payment processing, authentication, and user interaction.
- Accelerate time to engage with fixed level of effort. Should additional time be recommended, this approach provides an opt-in decision point for customer consideration.
- Assessment results allow organizations to make informed decisions to mitigate threats to identified applications.
- Help avoid unnecessary expenses associated with application security breach recovery, and avoid potentially embarrassing public exploitation of their internet presence.

AT&T Consulting takes a collaborative Trusted Advisor approach with our clients. AT&T Consulting works closely with you to gain a strong understanding of your business model, data flows, data repositories, network architecture, and systems that support your business. This allows us to perform a thorough assessment while we are on site and puts us in a position to provide strategic and tactical advice regarding go-forward application security considerations.

#### AT&T Security Solutions: Expertise from a Trusted Provider

AT&T provides a unique, world-class portfolio of assessment, compliance and related security services. Our experience, expertise, and commitment to open standards have established us as a strategic and trusted advisor. By leveraging AT&T, you can expect best-in-breed solutions, a global network with proven technology, and a cost-effective program-based approach to meet your security and compliance needs.

**For more information, contact an AT&T representative or visit [www.att.com/consulting/security](http://www.att.com/consulting/security).**