

# Application Penetration Testing

Bishop Fox's Application Penetration Testing (APT) exploits applications, APIs, or thick clients using the same tools and techniques that attackers do. Our team conducts end-to-end assessments ensuring critical vulnerabilities and logic flaws are discovered.

## Protect the Stack Before Adversaries Attack

Conducting over 7,000 application security assessments, Bishop Fox has quickly become the industry's most trusted provider for the evaluation of application security. Partnering with security, DevOps, and SecDevOps teams across the globe, we've seen the unique nature and challenges your organization will face in meeting application production and security demands. That's why we've built a flexible methodology capable of adapting to virtually any application's architecture, configurations, and procedures. Using a deep bench of experts with a diverse range of application knowledge, we'll apply our methodology using a selective blend of automated and manual processes that reveal the full spectrum of weaknesses across your applications. This process is critical to prioritizing corrective actions on the issues most dangerous in the hands of an attacker. With security and DevOps teams already overwhelmed, we'll cut through the noise you'll face with automated tools and overwhelming reports, delivering tactical and strategic mitigations that ensures your applications keep running with resilience against modern threats.



### KEY OUTCOMES

#### Reveal the Full Extent of Your Attack Surface

Proactively discover susceptible points of entry and keep adversaries on the outside looking in.

#### Uncover the Complete Spectrum of Application Weaknesses

Illuminate the hard to find and often overlooked issues adversaries know most security reviews will miss.

#### Adapt Engagements to Application's Unique Security Demands

Tailor engagements to the speed of your DevOps processes and uncover the flaws relevant to your application's unique design.

#### Break Free from the Limitations of Automated Testing

Identify often overlooked business logic and privilege escalation flaws that require creativity and problem solving only manual review can reveal.

#### Address Issues Before They Reach Production

Reclaim the upper hand with proactive identification of issues that can be corrected earlier in the software development life cycle.

#### Target Corrective Actions Where Needed Most

Act on identified vulnerabilities proven to have the highest likelihood and greatest potential impact to business operations.

# Cover the Full Spectrum of Application Security

**Attackers Have no Bounds. Neither Should Your Security Testing.**

At Bishop Fox, we've designed a comprehensive portfolio of services purpose-built to keep your growing applications safe from disruption. From strategic engagements that integrate security across the software development life cycle to in-depth manual and automated testing our experts will uncover tactical and strategic security issues that real-world adversaries specifically target.

		Plan	Code	Build	Test
THREAT MODELING	Establish a reusable model that proactively addresses security issues across the software development lifecycle				
ARCHITECTURE SECURITY ASSESSMENT	Identifies flaws and uncovers systemic improvements that enhance existing security controls and harden application defenses				
SECURE CODE REVIEW	Address source-code level vulnerabilities and risks before applications move into production				
HYBRID APPLICATION ASSESSMENT	Uncover application security risks and code-level vulnerabilities with automated and manual testing methods				
APPLICATION PENETRATION TESTING	Discover critical vulnerabilities and logic flaw issues with in-depth manual and automated testing methods				
MOBILE APPLICATION ASSESSMENT	Locate security deficiencies with in-depth manual and dynamic analysis of Android/iOS devices and applications				

## By The Numbers

**6,000+**

Offensive security projects delivered

**1,000+**

Global customers protected

**81**

Net promoter score

**16+**

Years of experience

## Trusted By Industry Leading Organizations



## Application Pen Testing Client Satisfaction

**100%**

Identification of threats & weaknesses

**95%**

Replication of adversaries skills & knowledge

**95%**

Acceleration of threat remediation

**91%**

Customization/adaptation of engagements

## About Bishop Fox

Bishop Fox is the leading authority in offensive security, providing solutions ranging from continuous penetration testing, red teaming, and attack surface management to product, cloud, and application security assessments. We've worked with more than 25% of the Fortune 100, eight of the top 10 tech companies, and hundreds of other organizations to improve their security. Our Cosmos platform was named Best Emerging Technology in the 2021 SC Media Awards, and our offerings are consistently ranked as "world-class" in customer experience surveys. We've been actively contributing to and supporting the security community for almost two decades and have published more than 16 open-source tools and 50 security advisories in the last five years. Learn more at [bishopfox.com](https://bishopfox.com) or follow us on Twitter.



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