

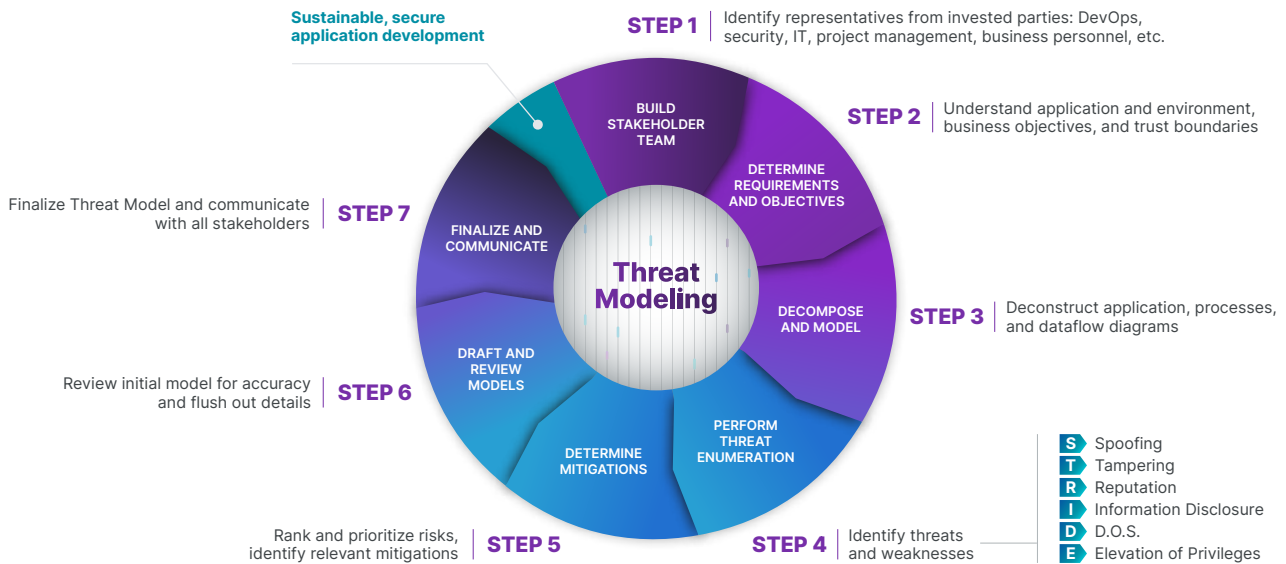
Threat Modeling

Bishop Fox's Threat Modeling proactively addresses security issues across the software development life cycle with in-depth analysis of application design, threats, and countermeasures that become foundational to ongoing DevOps processes.

Secure Applications from the Start

Bishop Fox's Threat Modeling lays a strong foundation for sustainable, secure application development. Our battle-tested experts work directly with key stakeholders across your organization, taking the time to understand security objectives and DevOps processes that are critical to proactively addressing security issues. Applying the gold standard in threat modeling frameworks, our experts deconstruct each stage of your design process, highlighting key processes and dataflows that crossover into pre-defined trust boundaries. We also bring threat intelligence from thousands of offensive application engagements to identify weaknesses in the design process and illuminate how and where attackers could take advantage in real-world attack scenarios.

Building off our baseline methodology, we give you the power to expand the reach of your Threat Modeling engagement to cover the full spectrum of application security, including depth of design analysis, identification of application vulnerabilities, and opportunities to strengthen security architecture. As a result, we can deliver critical insights into tactical and strategic mitigations that become foundational to the software development life cycle. Ultimately, your Threat Model will harmonize security objectives and DevOps processes –enabling you to proactively address security issues without impacting agility and speed.



Synchronize DevOps and Security Objectives

Gain collective buy-in and continued adoption of secure design processes with full integration of invested stakeholders throughout the Threat Modeling process.



Create a Practical Model Built on a Strong Foundation

Build a resilient and proven model using the gold standard of methodologies and Bishop Fox's proprietary application threat intelligence.



Understand Every Facet of Application Design

Breakdown application design processes and pinpoint dangerous instances where sensitive data crosses over into trust boundaries.



Uncover Critical Threats and Weaknesses

Identify how and where real-world adversaries could take advantage of your security deficiencies at each stage of the design process.



Identify and Prioritize Mitigations

Determine the tactical and strategic countermeasures that are critical to hardening applications against your most significant threats.



Establish an Agile and Reusable Model

Ensure secure application design for years to come with a documented and repeatable Threat Model that doesn't impact speed and agility.

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



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're an active participant in the security community and have published more than 15 open-source tools and 50 security advisories in the last five years. Learn more at bishopfox.com or follow us on Twitter.

