

Adversarial AI Resiliency Penetration Testing

Perimeter reconnaissance and targeted AI-powered vulnerability research used to identify, develop, and pressure test exploits against the unique technologies, configurations, and attack surface within your environment.

Traditional penetration testing validates known risks. Adversarial AI Resiliency Testing goes further by simulating how modern threat actors use AI-assisted reconnaissance, targeted vulnerability research, exploit development, and automated attack techniques to identify and exploit weaknesses unique to your environment. Through perimeter reconnaissance and AI-powered analysis, we uncover attack paths that may be overlooked by conventional assessments and evaluate how emerging threats could impact your organization.

Our expert-led approach combines offensive security expertise with advanced AI-enhanced attack methodologies to develop and safely pressure test realistic exploits against your systems, applications, and security controls. By emulating the tactics, speed, and scale of AI-enabled adversaries, we help organizations identify emerging risks, validate defensive effectiveness, prioritize remediation efforts, and strengthen resilience against rapidly evolving threats.

AI ENHANCED PEN TESTING SERVICES



WHAT IT ACCOMPLISHES:

Proactive vulnerability research and exploit development using the same tools and techniques that today's adversaries have access to



BEST FOR:

- Organizations preparing for the next generation of AI-powered cyber threats
- Companies with expansive attack surfaces, mission-critical systems, or valuable data that demand proactive security validation



TESTING METHODOLOGY:

- Reconnaissance and attack surface enumeration
- Targeted AI-powered code review of source-available attack surface, and AI-powered DAST scans of perimeter systems
- Operator driven assessment, working with AI-powered tooling, reducing false positives and increasing research speed

Go forward. **We've got your back.**

Founded in 2003, Tevora is a specialized management consultancy focused on cybersecurity, risk, and compliance services. Based in Irvine, CA, our experienced consultants are devoted to supporting the CISO in protecting their organization's organizations, people, and assets. We make it our responsibility to ensure the CISO has the tools and guidance they need to build their departments, so they can prevent and respond to daily threats.

Our expert advisors take the time to learn about each organization's unique pressures and challenges, so we can help identify and execute the best solutions for each case. We take a hands-on approach to each new partnership, and—year after year—apply our cumulative learnings to continually strengthen the company's digital defenses.

ACHIEVED ACCREDITATIONS



ACHIEVED ASSESSOR



AI SECURITY STRATEGY

Artificial Intelligence has prompted a new landscape of compliance frameworks, threat vectors, and security tools. We make it our job to understand and pioneer the security programs that account for—and take advantage of—all that AI brings to the table.

COMPLIANCE

The assessment is only the first step of your compliance journey. We'll help you understand your path to achieving and maintaining continuous compliance against the security and privacy frameworks you need to do business.

THREAT MANAGEMENT & RESPONSE

Whether proactive or in case of emergency, Tevora has your back in the face of threat actors. We offer comprehensive and targeted penetration testing, social engineering, and other tactics to find gaps before others can exploit them.

SECURITY INFRASTRUCTURE

Tevora takes a vendor-agnostic stance to help companies find the best fit software solutions for their security needs. And with knowledge of hundreds of solutions vendors across dozens of categories, we'll help you find your fit.

RISK & STRATEGIC SERVICES

Address risks before they become an issue. Proactive and comprehensive exercise to find and address weaknesses in your security program through Enterprise Risk Management, Third Party Risk Management, Business Continuity and Disaster Recovery exercises, and more.

RESOURCE AUGMENTATION

The complex and specialized work required by cybersecurity and compliance programs sometimes require a focused, expert resource. Tevora can supplement your internal team with flexible Governance, Risk & Compliance (GRC) support, expert DevSecOps support, or even executive-level CISO assistance.