Penetration Testing

Proactively uncover avenues of attack to protect your systems, data, products and people.

How do you establish and manage your attack surface so malicious threat actors don't exploit your vulnerabilities?

Establishing and managing a secure attack surface begins with comprehensive visibility. At SubRosa, we undertake a holistic review of your digital assets, identifying potential weak points. Through rigorous penetration testing, we simulate real-world attack scenarios, uncovering vulnerabilities before threat actors can exploit them. Coupled with continuous monitoring and timely updates, we ensure that your defenses not only stand strong today but evolve ahead of emerging threats. With SubRosa by your side, you don't just manage vulnerabilities - you master them.

Test your network, applications, people and processes to protect your data

- Identify potential avenues an attacker may use against you.

- Simulate cyber attacks to test your response teams and verify skill and training levels.

- Manage your vulnerability landscape with continuous, in-depth vulnerability management services.

- Secure your applications with secure code review, static and dynamic application security testing.

SubRosa's Differentiators

- With 1000's of tests performed annually, our penetration testers have extensive frontline experience identifying and tackling cyber threats.

- Our former DoD, military and law enforcement engineers average 12 years of experience and cover most mainstream certifications.

- Proprietary vulnerability scanning & penetration methodologies ensure a fresh perspective on your target systems.

- Seasoned developers and security practitioners provide highly technical expertise for your web application landscape.

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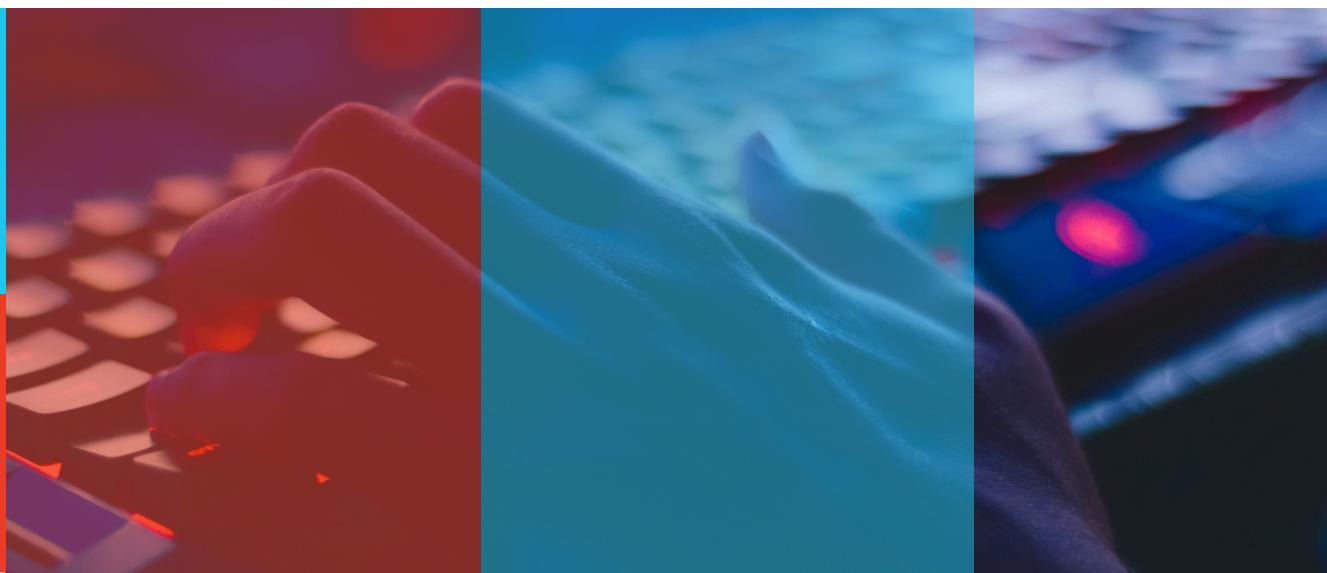
Penetration Testing Services

Application Security Testing

Scrutinizes software ecosystems from standalone and mobile applications to web services and their interlinked APIs. Through meticulous analysis, we identify potential weak points, rank vulnerabilities by urgency, and provide actionable solutions for fortified security.

Network and Infrastructure Testing

Probes your network infrastructure, assessing both external and internal touch points. By simulating real-world attack vectors, we uncover weak links, prioritize them based on risk level, and offer strategic solutions to enhance your network's resilience.

IoT & SCADA Testing

Evaluation of networked resources is pivotal to set a foundational security stance, pinpoint vulnerabilities, glitches, and misconfigurations, culminating in a strategic roadmap for remediation. We meticulously identify plant machinery, product hardware, and IoT gadgets that might be revealing sensitive information, granting unwarranted entry, or are susceptible to command interference.

Red Team Assessments

Our red team experts emulate real-world cyber adversaries, using their tactics, techniques, and procedures to challenge your defenses. Through stealthy, team-based efforts, we seek to navigate past your security measures, pinpointing the very gaps that genuine threats might exploit. Comprehensive evaluations encompassing social engineering, tangible security measures, and network breaches help us present a clear picture of your security position, paired with actionable remediation insights.

Vulnerability Analysis

Drawing upon SubRosa's seasoned analysts, we conduct meticulous network vulnerability scans on client infrastructures, aiming to detect and evaluate any existing vulnerabilities and misconfigurations. Once our analysis is finalized, we furnish detailed remediation suggestions to elevate your foundational security stance and thwart prospective cyber threats.

Social Engineering Testing

Using SubRosa's deep understanding of human behavior, we simulate deceptive tactics employed by real-world attackers to manipulate individuals into divulging confidential information. By assessing vulnerabilities in human factors, we provide insights into potential lapses and deliver strategies to bolster awareness and resilience against manipulative cyberattacks.

Open Source Intelligence (OSINT)

Uncover the extent to which your business emails might be exposed on the dark web with SubRosa's thorough open source intelligence analysis. This proactive approach reduces the potential for social engineering plots and targeted phishing campaigns. SubRosa provides a comprehensive report detailing compromised emails and the nature of the disclosed data.

Physical Penetration Testing

Probe your organization's physical defenses with SubRosa's comprehensive physical penetration testing. Our experts simulate real-world intrusions to assess building security, access controls, and staff awareness. Upon evaluation, we offer detailed insights and recommendations to bolster your tangible security measures, ensuring an all-encompassing protective shield.

Secure Code Review

SubRosa's approach to secure code review is threefold: engage with code developers to ascertain intent, meticulously inspect the code, and deliver insightful results. Pairing this with SAST tools, we ensure a blend of manual discernment and automated precision, guaranteeing the integrity of your application's code.