NetSPI™

Breach and Attack Simulation (BAS)

Validate the efficacy of security controls with a combination of technology and human intelligence

The most trusted products, services, and brands are secured by NetSPI

The challenge

NetSPI's data shows nearly 75% of common attack behaviors are missed by out-of-the-box EDR, SIEM, and MSSP solutions.

Companies continue to invest heavily on security products to manage their threat exposure. However, having security controls in place with advanced technology doesn't guarantee their effectiveness. Security tools like EDR, SIEM, SOAR, and XDR are often deployed with inadequate, outdated, or default configurations that fail to meet the specific needs of an organization's unique environment. The cybersecurity skills shortage adds to this challenge; one study found that 39% of IT professionals claim the skills gap has led to an inability[1] to configure security technologies to their full potential.

The solution

NetSPI BAS simulates network and system cyberattacks to validate the efficacy of your security detection controls by blending industry leading technology with human intelligence. Perform security readiness assessments by leveraging pre-built attack simulations and creating custom playbooks tailored to your needs to test specific threat actors, malware techniques, data exfiltration, and more. Gain insights from our security experts and educate your SOC team to simulate real-world attacker behaviors. Learn from detailed instructions to identify and mitigate potential threats to fine-tune your detection controls. Track and share efficacy of your security capabilities over time with timelines, vendor comparisons, and dashboards mapped to the MITRE ATT&CK framework.

✓ Validate security controls

⚠ Improve ransomware detection capabilities

📊 Demonstrate security spend return on investment

A leading financial institution assumed their security tools were tuned to at least 50% coverage rate, however, NetSPI BAS found them to only have 5%. Once they deployed NetSPI BAS in their environment, they were able to fine-tune detective controls and increase their detection coverage levels by over 500% within a year.

Validate security detection controls
Fine-tune controls and improve detection coverage

Organizations have many security tools (EDR, SIEM, SOAR, XDR, etc.) positioned to identify risks, however, due to time and resource constraints, they are often not tuned effectively. NetSPI BAS can execute attack simulations to determine whether you have gaps or misconfigurations within your security controls, response processes, and procedures.

- Discover existing security control, process, and procedure gaps
- Automate simulated attacks to validate controls to fine-tune your security stack and track improvement over time
- Obtain remediation guidance from security experts and additional resources

Strengthen ransomware defenses
Improve detection capabilities to prevent ransomware attacks

NetSPI BAS comes with a pre-built ransomware playbook that simulates our security experts' observations of TTPs, behaviors, and patterns that specific ransomware operators use.

- Assess how well security controls can detect ransomware
- Act on prevention guidance and continuously fine-tune detection controls
- Detect ransomware earlier in the cyber kill chain to prevent full-scale attacks

Visualize the impact and ROI of security investments
Strategic security planning and return on investment

NetSPI BAS provides graphs of ROI and program progress for security leaders to use at the executive and Board level to justify spending on security tools, hiring staff, and using third-party support.

- Track progress to evaluate and demonstrate security program effectiveness
- Compare security vendor performance and detection capabilities
- Benchmark detection coverage with other BAS customers

You deserve The NetSPI Advantage

250+ In-house security experts

Intelligent process

Advanced technology

Your proactive security partner

NetSPI is the proactive security solution used to discover, prioritize, and remediate security vulnerabilities of the highest importance. NetSPI helps its customers protect what matters most by leveraging dedicated security experts and advanced technology, including Penetration Testing as a Service (PTaaS), External Attack Surface Management (EASM), Cyber Asset Attack Surface Management (CAASM), and Breach and Attack Simulation (BAS).