

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 80% of common attack behaviors are missed by EDR, SIEM, and MSSP out-of-the-box solutions.

Companies continue to spend on security products to minimize their threat exposure. However, even though security controls are in place, it doesn't mean they're working effectively. They may be poorly configured or have inadequate processes that are not specifically tuned to an organization's threat landscape. Security vendors tune their products (SIEM, SOAR, XDR, etc.) to a baseline setting out of the box, but they must be tailored for efficacy. One study showed 39% of IT professionals surveyed claim that the cybersecurity skills shortage has led to an inability to learn or use security technologies to their full potential.¹ Organizations spend thousands on technical security controls, only to learn the basics, and remain at risk.

The Solution

NetSPI BAS blends technology with human intelligence to validate the efficacy of your existing security controls. NetSPI BAS allows you to leverage pre-built plays and create your own custom playbooks tailored to your environment, including specific threat actors and malware techniques, to identify detection coverage gaps in your security stack. Gain insight from our security experts and educate your SOC team to simulate real-world attacker behaviors, not just indicators of compromise, and learn from step-by-step instructions to identify and mitigate potential threats. Track and share efficacy of your security capabilities over time with comprehensive dashboards mapped to the MITRE ATT&CK framework as well as industry benchmarks to compare your company readiness to those of peers in your industry.

 Test security controls, processes, and procedures

 Fine-tune organizational security controls

 Visualize security spend return on investment

A leading financial institution assumed that 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.



Evaluate security posture and attack readiness

Test your controls with simulated attacker and malware plays

Understanding how an attacker views your environment and how ready your organization is to defend it is critical. NetSPI BAS includes pre-built attack simulations, the ability to create customized plays, and expert support to educate teams and enable security improvement for real-world attack preparation.

- Customize plays or use pre-built options
- Deploy easily with our lightweight, web-based agent
- Learn from our actionable insights and expert support



Validate and fine-tune security controls

Discover which security controls are lacking, misconfigured, or need further tuning

Organizations have many security tools (SIEM, SOAR, XDR, etc.) positioned to identify risks, however, due to time and resource constraints, they are 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 control, process, and procedure gaps
- Gain insights if attacks were logged, detected, alerted, prevented, or responded to
- Obtain remediation guidance from security experts and additional resources



Strategic security planning and return on investment

Visualize the impact and ROI of security investments

NetSPI BAS gives you dashboards mapped to the MITRE ATT&CK framework to illustrate which phase of the security kill chain poses the most risk. Our executive dashboards give you a detailed view of overall security posture over time to directly connect spending to impact and validate ROI.

- Utilize Workspace, Timeline, and Heat Map dashboards for ease-of-use
- Leverage results to evaluate security product effectiveness
- Benchmark security posture versus competition

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), Attack Surface Management (ASM), and Breach and Attack Simulation (BAS).