SHADOW
ILLUMINATE YOUR RISK.

INTELLIGENT WAVES
ANYTIME. ANYWHERE. ANY DOMAIN.

CAPABILITY STATEMENT

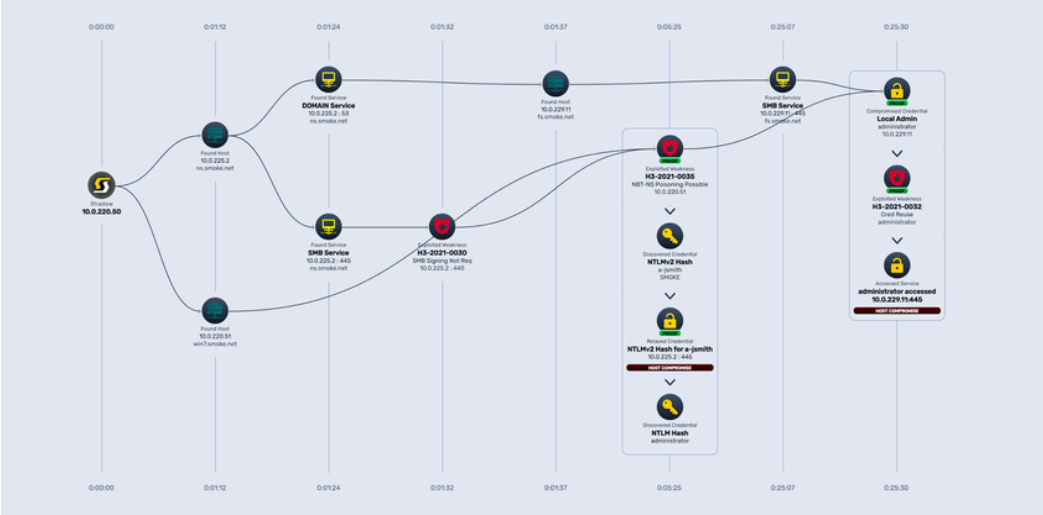
Overview:

Shadow* enhances the security posture of your enterprise environment by autonomously finding exploitable weaknesses in your network, providing in depth risk assessment clarifying critical impacts, and verifies fix actions resolved vulnerabilities. There are no required agents to install, no red teams to schedule, no code to write, and no consultants to hire.

What We Do:

PROVIDES PATH, PROOF, AND IMPACT:

- **Shadow** shows you the actual attack paths for every weakness it discovers, revealing and detailing each step an attacker could take to penetrate your enterprise environment.
- It uncovers vulnerabilities in your security posture that go beyond known CVEs and patchable vulnerabilities.
  - Easily compromised credentials
  - Exposed data
  - Misconfigurations
  - Poor security controls
  - Weak policies
- Weaknesses are prioritized based on their impact on your organization so you know immediately what you should fix first. **Shadow** also provides detailed guidance to support your remediation.



Autonomously Chains Attack Vectors: **Shadow** moves laterally through your network, chaining weaknesses together just as an attacker would and then safely exploits them.

Breadth of Coverage: On-prem infrastructure, external attack surface, cloud infrastructure, identity and access management infrastructure, data infrastructure.

Prioritizes: Shadow shows you what weaknesses are truly exploitable in your network and which have the most critical impacts to your organization so you can prioritize your remediation efforts. It also identifies systemic issues that allow you to remediate many weaknesses with a single change, such as a policy fix.

**Powered by Horizon3.ai's NodeZero™*

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Use Cases:

Continuous Vulnerability Detection: Implement **Shadow** for continuous monitoring and rapid vulnerability detection, enabling immediate response to reduce attack surface and remediation time.

Remediation Verification: Utilize **Shadow** to retest and confirm effectiveness. This rapid verification helps prevent lingering or inadequately addressed vulnerabilities.

Vulnerability Prioritization: Utilize **Shadow** to assess and prioritize vulnerabilities by severity, exploitability, and business impact, helping focus remediation on critical issues.

Compliance Assurance: Use **Shadow** for continuous testing and reporting to showcase compliance with cybersecurity regulations like SOC2, HIPAA, DORA, CMMC, and GDPR, providing evidence of proactive vulnerability management.

Preemptive Threat Detection: Leverage **Shadow's** continuous pen testing data for threat hunting. Analyze vulnerability patterns, seek anomalies, and proactively identify potential threats to improve early detection and response capabilities.

Determining Data Under Threat: Use **Shadow** for penetration testing, simulating attacker behavior to uncover vulnerabilities. **Shadow** identifies potential data exposure risks by mapping vulnerabilities to compromised data assets, enhancing data risk awareness.

Evaluating the Impact Scope of a Compromised Credential: Employ **Shadow** for a compromised credential attack, aiming to escalate privileges, move laterally in the network, and access sensitive data. The achieved access level in this scenario defines the credential's impact.

Validating Effectiveness of Credential Policies: Utilize **Shadow** for credential-based attacks to test and evaluate adherence to your organization's credential policies, gaining insights into their effectiveness.

Assessing Effectiveness of Security Tools: After implementing **Shadow** for autonomous pen testing, oversee EDR and SIEM alerts and responses. Their effective detection and response indicate normal operation, while any issues might necessitate tool refinement or upgrades.

For more information on Shadow, contact: products@intelligentwaves.com

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FACT SHEET

Why **Shadow**?

Accuracy: Shadow* will help you focus on fixing problems that matter, saving you and your team from chasing down unexploitable vulnerabilities and false positives.

Effort: You're up and running an autonomous penetration test in minutes using our self-service portal or API. There are no credentialed agents to install or attack scripts to write.

Speed: You can assess your entire organization in a matter of hours, versus waiting weeks or months for consultants to manually run tests and produce reports.

Coverage: With **Shadow**, you can assess your entire network, not just a sample. Our algorithm fingerprints your external, internal, identity, on-prem, Internet of Things (IoT), and cloud attack surfaces.

Remediation: Our goal is to create a bias for action – helping you quickly find exploitable problems, fix them and then verify that the problems no longer exist. Red and Blue teams must work together, and **Shadow** sets the conditions for a Purple Team culture.

Unlimited: You may be secure today, but what about tomorrow when your environment has changed? Your **Shadow** subscription is unlimited. Use it as often as needed to assess your security posture. Quickly compare to your previous results to verify where weaknesses have been fixed and see where new ones have been found.

DISCOVER

- On-demand, self-service pen tests
- Attack paths spanning on-prem, cloud, perimeter
- Chain misconfigurations, defaults, vulnerabilities, and credentials at scale

CORRECT

- Prioritize exploitable vulnerabilities
- Secure critical data
- Quickly remediate and retest

CONFIRM

- Verify detection and response
- Verify cyber resilience and systems hardening
- Verify compliance and posture

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