NEHEMIAH
SECURITY

AtomicEye ASM
Minimize your attack surface and maximize security efficiency

The Problem

Security operators have a big job. Network vulnerabilities are constantly increasing in number as digital transformation accelerates. Knowing this, cyber attackers are working tirelessly to increase in variance and sophistication. To top it off, business risks are higher than ever. One breach can send a company into a multi-year recovery process.

For these reasons, companies struggle to manage their overall security risk. Part of the struggle is due to a lack of visibility into key factors such as vulnerabilities, cyber threats, and business impacts. This lack of visibility is often compounded by a lack of control—an inability to do anything about the threats that are revealed.

Nehemiah Security's Solution

AtomicEye ASM (Attack Surface Manager) is a powerful security risk management platform that provides continual visibility and control at the 'atomic' level. Visibility is achieved by automatically and continually scanning each endpoint to inventory a massive number of attributes and configurations. Control is attained through automated remediation per set protocols—no human involvement necessary. With these capabilities, the attack surface is minimized, the likelihood of a breach is lowered, and security risk management is put into motion.

Continuous, automated management

AtomicEye ASM leverages intelligent agents residing on each endpoint to gather a massive number of observable attributes from each system. A standard Windows 10 machine, for example, generates as many as 2 million attributes per scan. The continuous scanning of endpoints at this granular level enables AtomicEye ASM to detect vulnerabilities instantaneously and to execute a remediation immediately, if necessary. Vulnerabilities can include a missing patch on a server, an unauthorized application, inappropriate admin privileges, an unusual open port, or an unrecognized IP address, among many other things. Automating fundamental security practices using patented machine learning algorithms empowers your security staff to focus their efforts on higher level security challenges.

ASM
Attack
Surface
Manager

With networks and endpoints in constant flux, configuration management is unwieldy and time consuming. AtomicEye ASM shoulders this critical role by applying deep scanning and machine learning to orchestrate the automation of critical tasks needed to keep your network secure.

Continuous Asset Inventory

Installs an intelligent agent on all authorized devices to automatically and continually inventory the following:

- Applications
- Files
- Patches
- Processes
- Registry Keys
- Services

Configuration Management & Remediation

- Continuously scans endpoints to identify, track, and timestamp changes made to system attributes as well as unauthorized downloads, communications, or executables

- Correlates known vulnerabilities to inventoried applications and operating systems

- Identifies missing patches and upgrades

- Remediates with minimal to no analyst intervention when configuration violations are detected or security controls are violated

Critical Controls Deployment & Enforcement

- Ensures controls are being enforced on every system across the entire organization worldwide, through continuous visibility

- Customizes critical security controls and compliance audit controls by device group, including application security

- Provides and maintains policy templates for industry-standard security controls

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*"AtomicEye ASM has saved us an **incredible amount of time and effort** in implementing configuration standards and auditing for compliance throughout our environment. It has given us a level of visibility we simply did not have before."*

—Senior VP IT, mid-sized bank

About Nehemiah Security

Nehemiah Security works with enterprises around the world to elevate the security conversation and answer the question, "How does this impact my business?" Our mission is to empower security leaders to integrate their operations into the suite of functions corporations monitor and invest in every day.

Request a demo today. Call 571.321.5350 or email sales@nehemiahsecurity.com