

AtomicEye CP

Real-time discovery. Immediate remediation.

The Problem

The volume and sophistication of cyberattacks is on the rise. Signature-based approaches to identifying and preventing these attacks are insufficient. Despite a company's best efforts to manage its attack surface, exploits inevitability get through. Worst of all, the exploits that do gain access are likely to be sophisticated, persistent, targeted, and malicious.

Nehemiah Security's Solution

AtomicEye CP (Continuous Protection) is engineered for forward-looking security organizations that recognize the inevitability of persistent threats and anticipate breaches. Cybersecurity success equates to instantly identifying when a breach occurs, minimizing damage done by a breach, and eliminating impact on the business. AtomicEye CP provides security teams with a software solution to automatically detect and remediate exploits—without relying on signatures of any kind. AtomicEye CP's patented machine learning recognizes and prevents attacks as they are happening, even in volatile memory, by identifying anomalies specific to the environment that point to malware.

Customized to your environment

Networks are dynamic; they grow, shrink, and change day to day. Threats that cannot exploit your network one day can gain access the next. For this reason, threat detection and remediation must be automated for real-time response, and contextualized for accuracy according to your network environment.

AtomicEye CP specializes in one thing—your environment. It utilizes intelligent agents to continuously scan and inventory everything it can possibly learn about each endpoint. This establishes a security baseline and enables CP to block files and processes foreign to your environment. CP's ability to leverage its intimate knowledge of the environment empowers network resiliency while minimizing the manpower needed to respond to malicious files and behaviors.

*“AtomicEye CP has enabled me to **secure my fast-growing environment** with confidence and without having to add headcount to wade through a flood of alerts and logs.”*

—CISO, Major Media Outlet

AtomicEye CP continuously protects endpoints and systems in three ways no other product can:



File Detection

AtomicEye CP installs an intelligent agent on every endpoint to inventory between 1 million and 2 million attributes (applications, patches, files, processes, services, active ports). Using advanced algorithms and machine learning, CP is able to detect—with certainty, in real time—the presence of malicious files: APTs, zero-days, rootkits, and targeted attacks. No signatures, whitelists, or any other form of prior knowledge is needed.



Behavior Detection

AtomicEye CP inventories all behaviors of all running processes across all endpoints and utilizes machine learning to establish 'normal' behavior for those processes. This empowers each agent to recognize anomalous behaviors of processes without rules or prior knowledge. These anomalies are investigated and correlated to formulate an actionable incident presented to an analyst for response or remediation.



Automated Remediation

AtomicEye CP deploys granular scanning, change detection, machine learning, and patented algorithms to contextually remediate. The offending executable is stopped, altered configuration settings are repaired, open ports are closed, and deleted or corrupted files are restored. File restoration occurs through our patented Donor Technology, which borrows intact files from uninfected machines. The infected asset is restored back to its original, pre-attack state, without the need to re-image or interrupt business operations.

*“With AtomicEye CP, **I feel bullet proof**. Moreover, I have experienced on many occasions the benefits of being able to surgically repair my systems without having to re-image a machine or take anything offline.”*

—Director of Technology, West Coast Financial Institution

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

