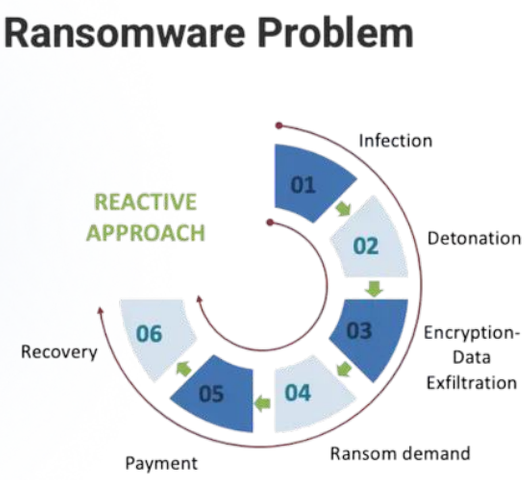
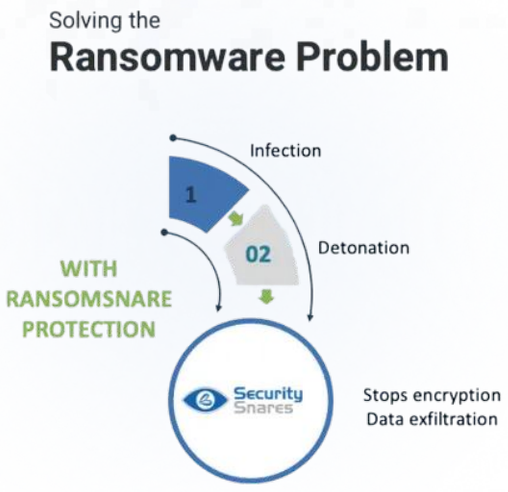
RansomSnare 2.0™

Ransomware threats are evolving rapidly, making it increasingly difficult for traditional endpoint security and anti-malware tools to keep pace. Endpoint detection and Response (EDR) alone are no longer enough—especially with today's mobile workforce.

RansomSnare 2.0 provides a critical layer of defense against all forms of ransomware and extortion. Every ransomware attack relies on encrypting files or exfiltrating data. **RansomSnare 2.0** stops these attacks immediately by terminating malicious processes at the first attempt to encrypt or transfer data.





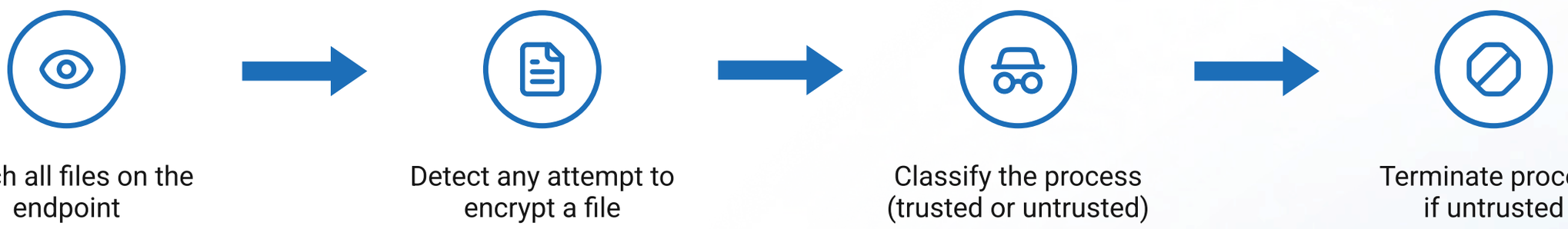
RansomSnare 2.0, powered by a lightweight mathematical algorithm, operates with minimal resource impact and avoids the performance issues common to behavior-based detection. Unlike solutions that depend on signatures, behavioral models, or machine learning, **RansomSnare 2.0** has successfully blocked every ransomware strain and variant for over five years—without requiring updates. With **RansomSnare 2.0**, you eliminate the need to recover from backups, downtime, and ransom payments.

How It Works

When ransomware infects your endpoint or server, it attempts to encrypt files and exfiltrate data from your environment. When ransomware tries to encrypt the first file or exfiltrate data, **RansomSnare** terminates the malicious process(es) and alerts the security team without disrupting systems or users. Because the process is immediately suspended, the security team can analyze the event and respond at their own pace. This approach eliminates the typical fire drill response.

Stop ransomware from working by terminating the malicious process as it attempts to encrypt and exfiltrate data.

Proprietary Detection Algorithm



Ransomware adversaries have significantly improved their techniques, rendering traditional endpoint protection ineffective against zero-day ransomware.

SecuritySnares offers complete protection against all ransomware threats:

File Share Protection (SMB)

The SMB/file share protection feature prevents ransomware from encrypting shared data by enforcing conditional write access. Unlike traditional EDR solutions, which detect and respond after malicious activity begins, this system stops encryption at the storage layer itself.

Data Exfiltration Prevention

The Data Exfiltration Prevention feature protects against unauthorized data theft by identifying and blocking the tools and techniques used by attackers during staging and exfiltration. Using real-time cyber intelligence, the system detects when known or suspicious exfiltration tools are invoked and automatically stops data transfer attempts.

Malicious Script Protection

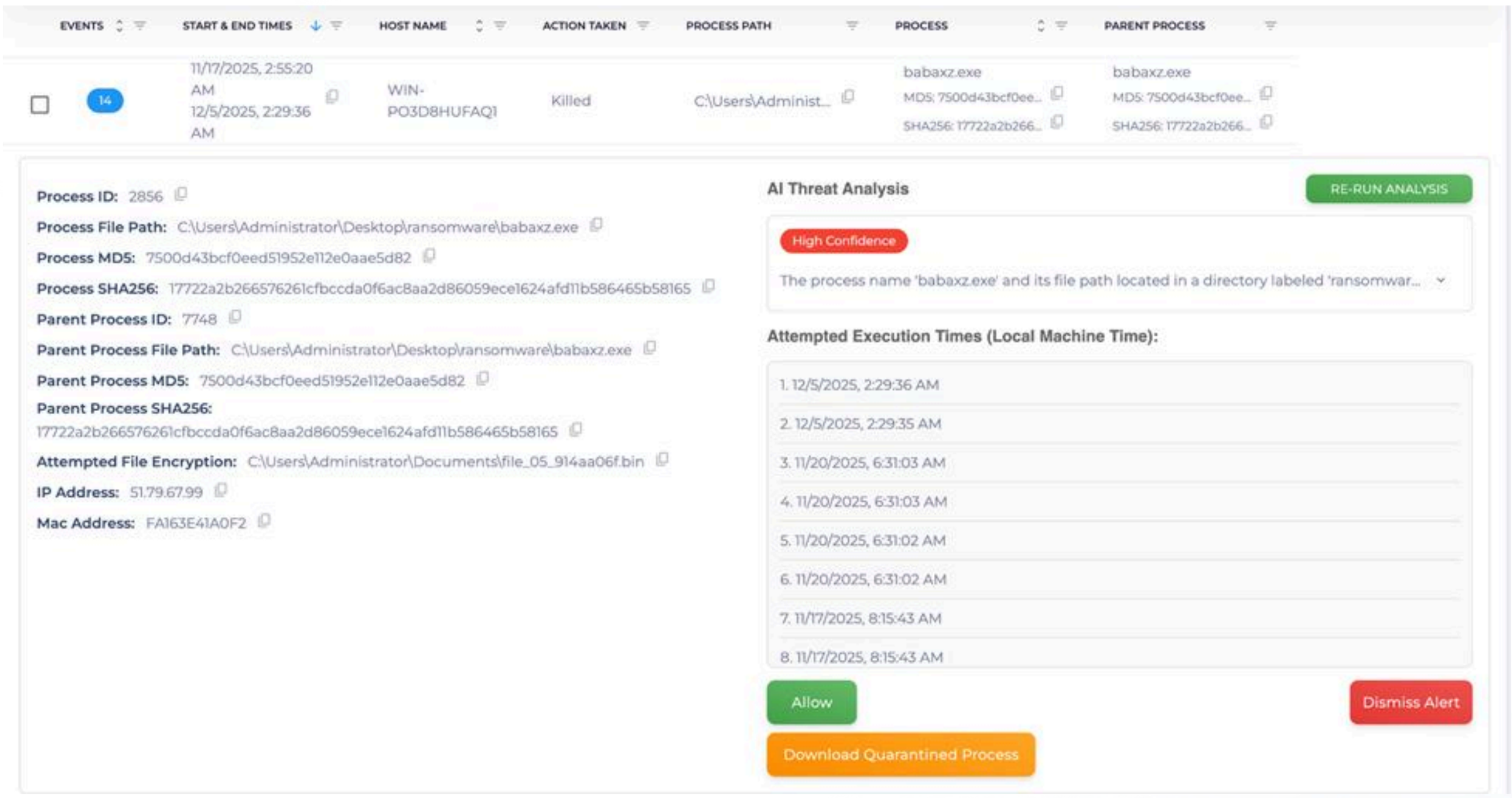
The Script Control feature prevents malicious or unauthorized scripting activity from encrypting or damaging corporate data. By monitoring the execution of scripting engines such as PowerShell, Python, and Bash, **SecuritySnares** identifies and blocks encryption behavior originating from unapproved interpreters.

Wiper Protection

Wiper attacks pose a significant threat, leading to irreversible data loss and devastating business disruption. **RansomSnare 2.0** protects against the malicious deletion and/or corruption of sensitive data. **RansomSnare** ensures you never pay a ransom or recover from backup.

Integrations

The **SecuritySnares** management console aggregates alerting information, agent status, agent configuration, and monitoring across the entire organization. The data can be managed in the console or integrated with your Security Information and Event Management (SIEM) tool, SOAR, Ticketing System, or MDR provider.



Minimum Requirements

Processor	RAM	Storage
1 GHz	512 MB	60 MB

Platform Support

- Windows 10 and later
- Server 2016 and later

Coming Soon

- Linux (RHEL and Debian variants)
- MacOS

About Us

SecuritySnares is a leading ransomware-prevention company known for its mathematically powered RansomSnare platform, which provides real-time protection against all ransomware threats, supplementing traditional endpoint protection with a single, lightweight agent for comprehensive threat prevention. Founded by cybersecurity experts and executives frustrated with advanced endpoint protection technologies, SecuritySnare's mission is to protect organizations from the ever-evolving threat of ransomware and provide solutions designed to stop damage from the highest cybersecurity risks businesses face.