PENTERA
(Formerly Pcysys)

Pentera RansomwareReady™

Validate today. Be ready tomorrow.

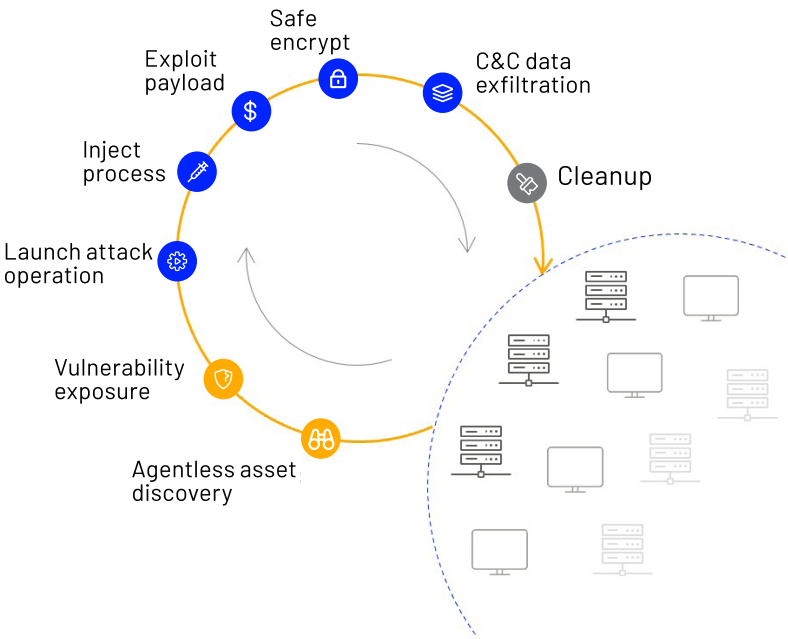
Ransomware attacks have rapidly increased in frequency and severity. What was initially considered a nuisance has been adopted by sophisticated attackers in complex, multi-phased attacks that combine data encryption with the threat of data exposure. These actors increased their scope - from widely seeding this malware threat to targeting specific organizations and industries including whole cities. Today, the total cost of ransomware attacks can climb into the millions of dollars.

This is why Pentera, the Automated Security Validation platform, added the first active ransomware emulation framework, applying real and safe ransomware tactics and techniques, on your organization's framework. This framework enables you to validate your organization's readiness against a ransomware attack at any given moment. We're not trying to detect ransomware - we're stress-testing your organization against it.

The real thing. Validated.

RansomwareReady™ applies safe versions of the most destructive ransomware strains found in the wild. The Pentera platform emulates a complete ransomware attack to provide visibility of the most likely vulnerabilities and lateral pathways ransomware will take to target critical assets and disrupt operations.

Once agentless asset discovery and vulnerabilities exposure are completed, Pentera moves across your network. From initial exploitation, proprietary payload execution to encryption and data exfiltration, fully aligned to the MITRE ATT&CK framework.



Act before compromise

Prevention and detection alone can only go so far. How confident are security teams that their defense controls truly operate as designed? With Pentera's Automated Security Validation, security teams can shift focus from reacting to active malicious campaigns to orchestrating attack operations and 'stress-testing' their security controls. Pentera clearly exposes how wide and deep a ransomware attack propagates across the network and what the possible business impact will be. IT and security teams know that if they do not continuously test their security controls, someone else will do it for them.

Know true risk of a ransomware attack

As your digital footprint grows, so do vulnerabilities and security weaknesses. In the case of ransomware, security teams cannot afford to overlook security flaws or simulate against only a subset of their network. A simple pass/fail output does not imply readiness and creates a false sense of security. Once Pentera discovers critical assets on the network vulnerable to exploitation, a complete ransomware attack is triggered. Pentera provides a guided step-by-step remediation, prioritized based on true risk to the business. This dramatically reduces the risk of a future ransomware attack.

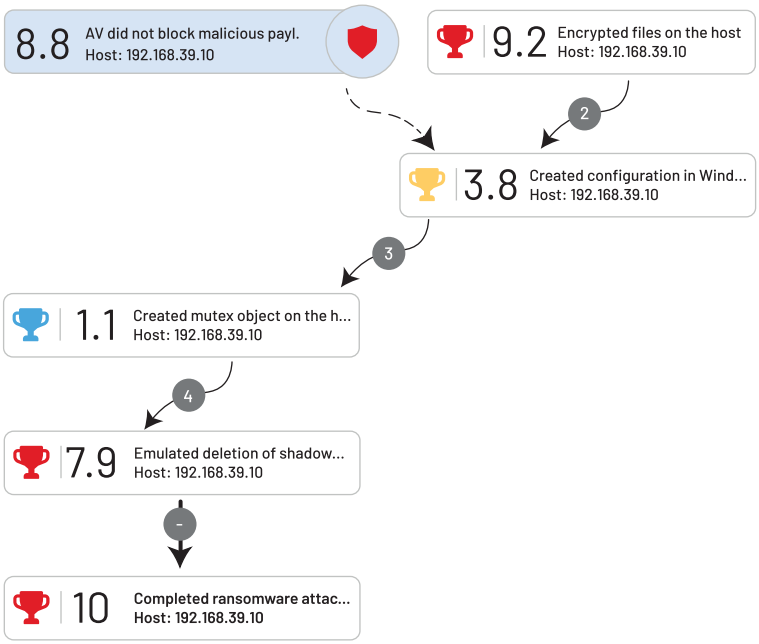
Key Benefits

- Reduced threat and ransomware impact
- Hardened network and security readiness
- Accelerated validation-remediation cycle
- Assured continuous efficacy of your security program

Why Pentera

With Pentera, no special skills are required. Security teams of all sizes and maturity levels can begin to gain visibility to the efficacy of their security controls and the organization's readiness to a ransomware attack. Spend more time supporting the business and less time patching irrelevant vulnerabilities. The intuitive UI of the Pentera platform was designed to increase the security team's efficiency by automating the security validation process across the organization's hybrid and distributed network continuously.

Pentera empowers any member of the IT team to quickly understand the root cause and to immediately apply the optimal path to remediation.



Take action

Attackers have spent many years perfecting the ransomware attack operation. Despite that, Pentera can help. Leverage the Pentera platform to assure readiness, and together let's stop accepting defeat. Pentera is operation-ready in minutes, exposing critical assets, emulating complete ransomware attacks, and zeroing-in on root vulnerabilities to make your organization RansomwareReady™.

Learn more at www.Pentera.io

Request your free ransomware readiness assesment