MORPHISEC
Endpoint Threat Prevention

Stop Advanced Threats with Moving Target Defense

Simple to Deploy and Manage; Massive Protection Against the Attacks that Matter

Today's advanced cyberattacks hit quickly and are engineered to evade other forms of defense. When attackers target organizations, they render signature and behavior-based protection solutions useless to security teams. Morphisec doesn't play this game.

Morphisec's Endpoint Threat Prevention platform, based on its patented Moving Target Defense technology, prevents fileless and zero-day threats that no other cyber solution can, at the earliest stage of attack, with no detection required. It blocks exploits, evasive malware and fileless attacks pre-execution, without the need for IOCs — all before any damage happens.

Morphisec deploys easily into existing security infrastructure, does not generate alerts for analysts to chase, and does not impact system or network performance. Morphisec's platform is unique in that it protects PC's, servers and virtual desktop infrastructure (VDI) very simply for the admin, but powerfully for the organizations against the threats that matter.

Built to Defeat Fileless Attacks

Fileless, in-memory attacks evade detection by co-opting legitimate system resources and are 10x more likely than malware attacks to breach your company. Morphisec pre-emptively prevents such attacks by making these resources inaccessible.

Earliest-stage, Proactive Threat Prevention

Morphisec's Moving Target Defense technology effectively conceals vulnerabilities in applications and web browsers from attackers. Its polymorphic engine continuously and randomly moves and morphs memory resources so attacks simply cannot execute. Threats are immediately stopped and deterministically revealed as malicious. Rich forensic information is captured for teams who need it.

- Prevents advanced threats and zero-days immediately and completely. No detection or hunting required.

- Set it, and Forget it — Non-invasive agent with zero performance degradation and no updates required.

- Purpose-built to reduce false-positives. No alert fatigue and wasting resources on attacks that never occurred.

- Integrates into the SOC analyst workflow, as well as SOAPA and CARTA methodologies for continuous protection and risk assessment.

BENEFITS

PREVENT ZERO-DAYS AND ADVANCED THREATS INCLUDING BROWSER-BASED ATTACKS

Stops attacks at the earliest stage, independent of threat type, technique or behavior

PROTECT DURING PATCHING GAPS

Keeps your organization protected from exploitation of unpatched security vulnerabilities

CUT SECURITY OPERATIONAL COSTS

Does not generate false alerts, no need to investigate, analyze or remediate

SECURE WITHOUT DISRUPTION

Single agent works on and offline, installs quickly, requires no management and has zero performance impact

....

THIRD-PARTY VALIDATION

Gartner. SE Labs

"Morphisec improves security efficacy, while streamlining security operations by reducing security alert volumes and freeing up staff to focus on more pressing strategic initiatives."

ESG
Enterprise Strategy Group

— FROM ESG REPORT ON ADVANCED PREVENTION FOR ENDPOINT SECURITY

CRN.

CRN NAMES MORPHISEC ONE OF THE TOP 10 CYBERSECURITY STARTUPS OF 2018

MORPHISEC
Moving Target Defense

"Morphisec's Moving Target Defense not only protects against attacks that haven't even been created yet, but it will do it with zero percent performance impact. There's nothing else out there that can touch it."
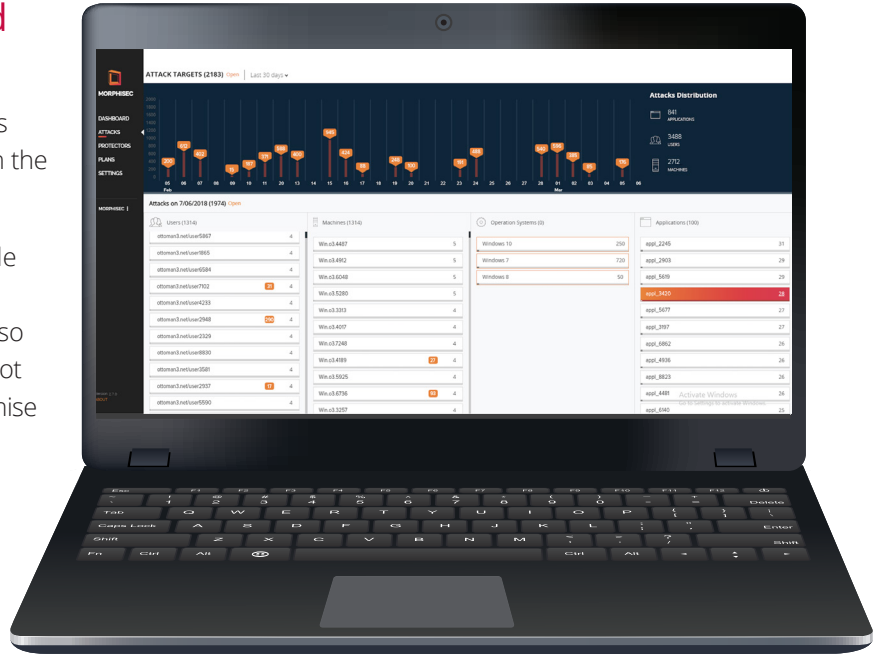
— Adrian Asher, CISO, London Stock Exchange

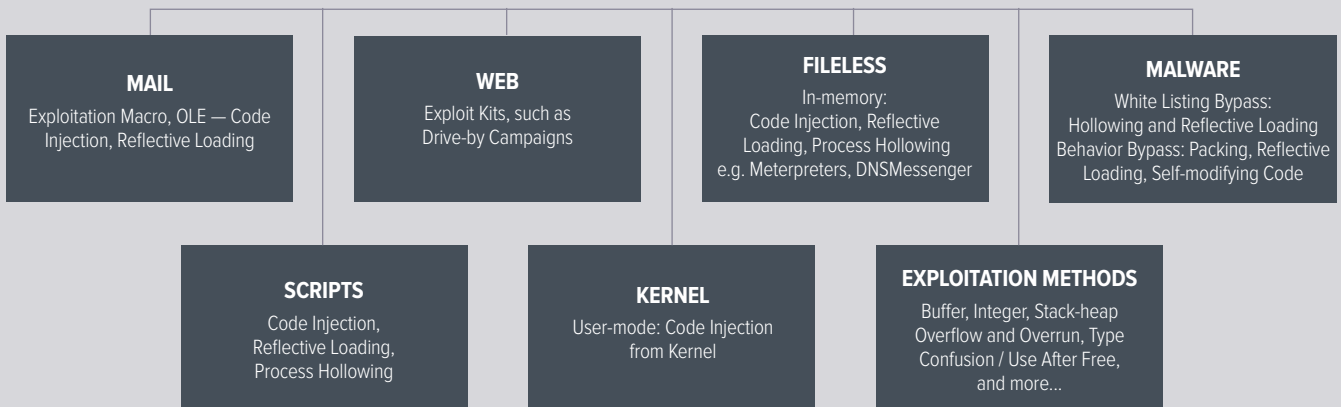## Security Aligned with Your IT and Business Objectives

Cut your security risk without cutting into business operations or productivity. Morphisec is built from the ground up to align business and security needs.

Morphisec Endpoint Threat Prevention is a single agent solution with no run-time components and zero performance impact. It runs autonomously so your endpoints are always protected, even when not connected to your company's network. An on-premise or cloud-based management console provides complete visibility into organization threats and effortless control over settings and functionality.

· Ubiquitous protection for any organization without continuous monitoring or generating reams of data.

· Minimizes IT complexity and protects business continuity.

· Protects in between patching cycles — when organizations are the most vulnerable.

· Functions across virtual, physical or hybrid IT environments.

PREVENTS THE MOST ADVANCED ATTACKS IN THE MOST CRUCIAL ATTACK VECTORS

MAIL
Exploitation Macro, OLE — Code Injection, Reflective Loading

WEB
Exploit Kits, such as Drive-by Campaigns

FILELESS
In-memory: Code Injection, Reflective Loading, Process Hollowing e.g. Meterpreters, DNSMessenger

MALWARE
White Listing Bypass: Hollowing and Reflective Loading Behavior Bypass: Packing, Reflective Loading, Self-modifying Code

SCRIPTS
Code Injection, Reflective Loading, Process Hollowing

KERNEL
User-mode: Code Injection from Kernel

EXPLOITATION METHODS
Buffer, Integer, Stack-heap Overflow and Overrun, Type Confusion / Use After Free, and more...

Schedule a demo now: demo@morphisec.com

MORPHISEC
Moving Target Defense

www.morphisec.com

© 2018 Morphisec Inc.