MORPHISEC
Unified Threat Prevention Platform

The rise of fileless attacks, advanced ransomware, zero days, and evasive malware have made protecting organizations from cyberattacks a more complex problem than ever. Morphisec's Unified Threat Prevention Platform is built to halt these advanced cyber threats in their tracks, securing the organization and empowering security teams.

Protect Against the Unknown With Moving Target Defense

The cybersecurity arms race has long favored attackers. Application memory is a static target that adversaries can study at their leisure to determine the best avenue for attack. Defenders, on the other hand, must contend with shifting attack vectors and tactics. This results in security teams playing catch up as adversaries find new ways to breach the organization, including fileless attacks, zero days, evasive malware, and in-memory exploits.

These types of attacks are explicitly designed to bypass even the most sophisticated NGAV and EDR tools. They obscure their activities and skirt past detection systems to wreak havoc on the enterprise.
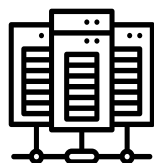
This is why Morphisec is different.

The Morphisec Unified Threat Prevention Platform, based on moving target defense technology, deterministically blocks the most damaging cyberattacks on the market. No signature database or updates required.
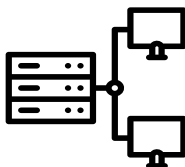
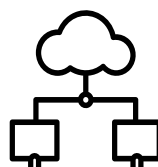## Morphisec Protects the Entire Organization

Endpoints   Servers   Virtual Desktops   Cloud Workloads

Against the Most Damaging Cyberthreats ...

Advanced Ransomware   Evasive Malware   In-Memory Exploits   Zero Days   Fileless Attacks

Earliest Stage, Proactive Threat Prevention

The Morphisec Unified Threat Prevention Platform, based on Moving Target Defense, is an offensive prevention technology that shifts the balance of power to defenders. Its polymorphic engine continuously and randomly morphs memory resources, changing structures from a static target to a dynamic one that frustrates attacks. Threats are immediately stopped and deterministically revealed as malicious. Rich forensic information is captured for teams who need it.

KEY BENEFITS

STOP ADVANCED THREATS AND ZERO DAYS

Prevents zero-days and advanced attacks, without requiring any prior knowledge of the threat form, type or behavior.

VIRTUALLY PATCH VULNERABILITIES

Keeps your infrastructure protected from vulnerability exploits when patches are not yet available or deployed.

PROTECT ALL IT INFRASTRUCTURE

The same technology secures servers, endpoints, virtual desktops, and cloud workloads from cyberattacks.

SET AND FORGET

Rapid, easy rollout with no system conflicts and zero maintenance – no databases, signatures or rules to configure and update, no logs and alerts to analyze.

NO SYSTEM IMPACT

Lightweight, stateless agent with minimal footprint, no run-time components and zero performance impact.

CUT SECURITY OPERATIONAL COSTS

Does not generate false alerts, no need to investigate, analyze or re-mediate. Blocks attacks pre-breach, before they can do any damage.

MORPHISEC
Moving Target Defense

Security that Makes IT Happy

Cut your security risk without cutting into business operations or productivity. Morphisec is built from the ground up to align business and security needs.
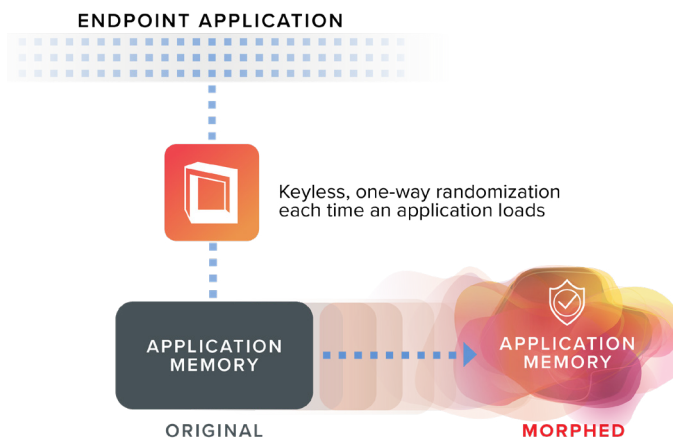
The Morphisec Unified Threat Prevention Platform is a single agent solution with no run-time components and zero performance impact. It runs autonomously so your endpoints are always protected, even when not connected to your company's network. An on-premises or cloud-based management console provides end-to-end visibility into organization-wide threats and effortless control over settings and functionality.

- Prevent threats without continuous monitoring or generating reams of data.

- Reduce IT complexity and protect business continuity.

- Protect in-between patching cycles; employ as a Windows 7 compensating control.

- Gain visibility into all endpoint attacks including Microsoft Defender AV events.

- View full attack timeline and correlate events to make smarter, faster decisions.

- Easily deploy across virtual, physical or hybrid IT environments.

How It Works

Morphisec works by morphing the application memory. This changes the memory structure of your applications and turns it from as known entity into an unknown landscape.

By doing this, Morphisec protects your applications from zero days, fileless attacks, in-memory exploits, and evasive malware. We make your application memory secure, and allow you to get back to business.

ENDPOINT APPLICATION

Keyless, one-way randomization each time an application loads

APPLICATION MEMORY
ORIGINAL

APPLICATION MEMORY
MORPHED

Secure Everything

The Morphisec Unified Threat Prevention Platform secures your endpoints, Windows and Linux servers, cloud workloads, and virtual desktop infrastructure platforms such as VMware Horizon View and Citrix.

Visit www.morphisec.com to learn more or email demo@morphisec.com for a closer look.

About Morphisec

Morphisec delivers an entirely new level of innovation with its Moving Target Defense-powered Unified Threat Prevention Platform – placing defenders in a prevent-first posture against the most advanced threats to the enterprise, including APTs, zero-days, ransomware, evasive fileless attacks and web-borne exploits. Morphisec provides a crucial, small-footprint memory-defense layer that easily deploys into a company's existing security infrastructure to form a simple, highly effective, cost-efficient prevention stack that is truly disruptive to today's existing cybersecurity model.

Schedule a demo: demo@morphisec.com

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www.morphisec.com