

Prevention-First Security

Proactive Cyber Defense with Morphisec

Traditional security measures are no match for today's advanced threats, including ransomware, fileless malware, and zero-day attacks. Morphisec takes a fundamentally different approach, delivering proactive, prevention-first security powered by Deception Technology and Adaptive Exposure Management (AEM) to stop threats before they execute.

Our lightweight, autonomous solution protects millions of endpoints worldwide by dynamically altering the attack surface, confusing attackers and preventing damage without impacting performance or requiring additional staff.

Why Deception Capabilities Matter



Technology Gaps

EDR/XDR needs a safety net and fortification to prevent bypasses and eliminate blind spots.



Attack Sophistication

Advanced threats like fileless, in-memory and ransomware attacks thrive in static environments.



Damaging Downtime

Attacks bring costly downtime, recovery costs and operational risks.

Key Benefits of Morphisec for Prevention-First Security



Proactive Defense

Stop advanced threats before they execute, ensuring attackers cannot gain a foothold.



Lightweight, Impact-Free Solution

A 6MB agent with negligible performance impact and no need for frequent updates.



Defense-in-Depth

Complement existing tools like EDR and XDR, strengthening overall security posture.



Cost Efficiency

Reduces breach recovery costs, minimizes false positives, and eliminates unnecessary operational overhead.



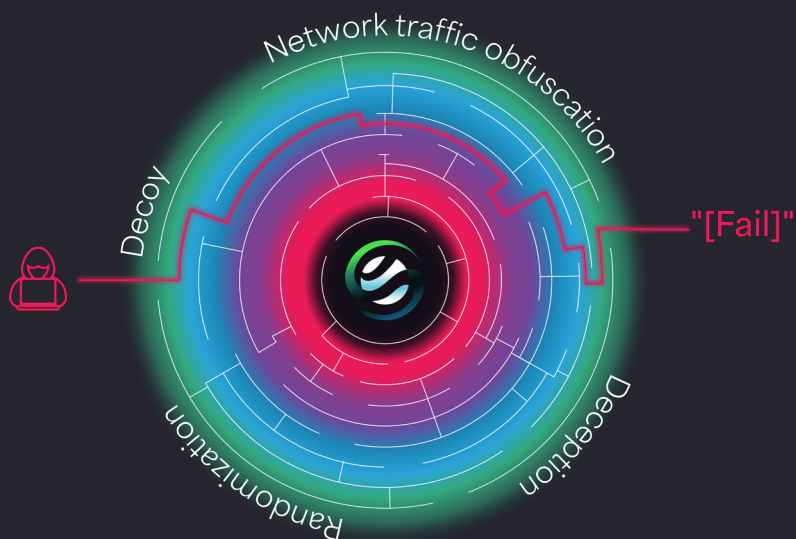
Enhanced Compliance

Meet audit and regulatory requirements while reducing cyber insurance premiums.

Key Technical Features

Deception Technology

Morphisec dynamically changes the attack surface, making it impossible for attackers to predict or exploit vulnerabilities.



Data Encryption Protection

Deploys decoy files that terminate ransomware encryption attempts.

Credential Theft Protection

Secures domain credentials in LSASS memory and browser-stored credentials.

System Recovery Protection

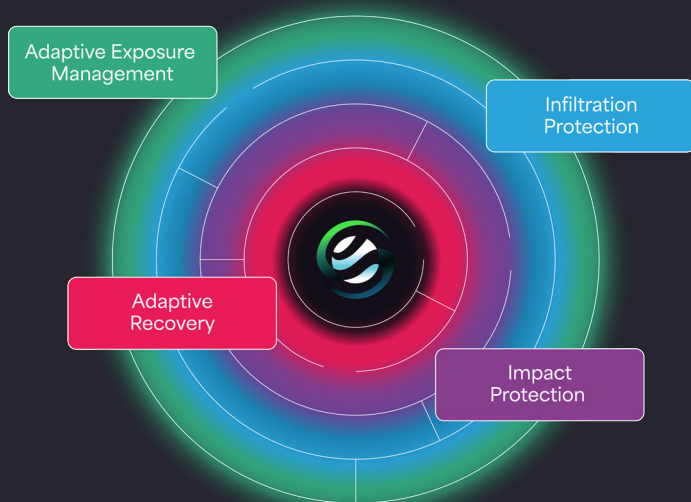
Blocks unauthorized access to shadow copies to secure recovery files.

Blast Radius Reduction

Contains and neutralizes attacks before they spread.

Impact & Infiltration Protection

Comprehensive ransomware protection ensures critical systems and data remain secure.



Traps attackers

Deploys decoys to mislead threats and disrupt lateral movement.

Stops attacks as early as possible

Prevents fileless and in-memory attacks by disrupting the kill chain at the earliest stages.

Prevents execution

Any attempt to exploit the decoys automatically terminates the malicious process.

Why Morphisec?

Morphisec is trusted by over 7,000 organizations to protect millions of endpoints across the globe, making it a proven leader in advanced threat prevention.



Proven Expertise

Every day, Morphisec defends its customers against thousands of ransomware attacks, zero-day exploits, and evasive threats—before they can execute.



Openness and Interoperability

Morphisec integrates seamlessly with leading security tools like Microsoft Defender, CrowdStrike, and SentinelOne to strengthen your existing defenses without replacing them.



Performance

Morphisec is an ultra-lightweight, autonomous solution that runs silently in the background, providing powerful protection without slowing down your users or disrupting productivity.

Ready to Stop Ransomware Before it Starts?

Morphisec's prevention-first security is the ultimate defense against advanced threats. Protect your business with a proactive approach that ensures continuous operations and peace of mind.



See Morphisec in action

Stop ransomware with our
Preemptive Cyber Defense Platform

[Get a demo](#)

About Morphisec

Morphisec is the trusted global leader in prevention-first Anti-Ransomware protection, redefining cybersecurity with our industry-leading Automated Moving Target Defense (AMTD) technology. Our solutions are trusted by over 7,000 organizations to protect more than 9 million endpoints worldwide, stopping 100% of ransomware attacks at the endpoint and safeguarding businesses against the most advanced and dangerous threats, including zero-day exploits and ransomware.

At Morphisec, we don't just fortify defenses – we proactively prevent attacks before they happen, delivering unmatched protection and peace of mind to our customers. With our Ransomware-Free Guarantee and commitment to Preemptive Cyber Defense, we set the standard for accountability and innovation in the fight against modern cybercrime.

As a rapidly growing company, we are dedicated to empowering security professionals and organizations to adapt, protect, and defend against ever-evolving threats. Join us in shaping the future of cybersecurity with prevention-first strategies and unparalleled expertise.

To learn more, visit morphisec.com/demo