



## Cyber Catalyst Designation

Virsec® Security Platform has been designated a 2019 Cyber Catalyst solution. It helps organizations protect enterprise applications from the inside against today's most dangerous cyber threats. It stops fileless and in-memory exploits that bypass conventional security, delivering speed and accuracy, while eliminating false positives.

Advanced application attacks that weaponize at runtime are increasingly putting businesses at risk. These targeted attacks challenge application security by leveraging fileless malware, memory corruption, and uncommon vulnerabilities to evade traditional security solutions. By manipulating legitimate processes, these exploits enable stealthy execution of malicious code, causing data breaches, damaged infrastructure, and financial losses.

With the Virsec Security Platform, enterprises can effectively harden applications from the inside while ensuring application control, system integrity, memory protection, and continuous authorization in the face of a threat. It deterministically blocks advanced memory-based attacks, unknown threats, stealthy fileless malware, and more, with accuracy and no impact on applications.

Using patented technology, the platform delivers advanced application protection against sophisticated attacks, discovering and preventing exploits of critical composite application functions, process memory, and the CPU – stopping threats that bypass traditional security solutions. The solution analyzes

compiled and interpreted code and acts as a memory firewall to prevent misuse of memory and unauthorized deviations in process flows, in real time.

The Virsec Security Platform:

- Defends against advanced attacks: unknown, zero-day threats, fileless memory and exploits.
- Protects internal, legacy, and web applications from OWASP Top 10 (Open Web Application Security Project) and attacks invisible to traditional security.
- Prevents lateral movement and advanced persistent threats.
- Eliminates false positives with precise threat detection.
- Complements existing web application firewalls to prevent attackers from reaching servers.
- Enforces pre-emptive vulnerability patching of hardware and software flaws without signatures.

*\*Product information provided by Virsec.*

## Why Virsec® Security Platform is a Cyber Catalyst-Designated Solution

Participating insurers rated Virsec Security Platform highest on the criteria of cyber risk reduction and flexibility.

In their evaluation, insurers characterized it as:

- “Strong protection in the application space which can be beneficial for those with high risk/exposed applications.”
- “Highly effective against both common and sophisticated attacks. Successful implementation could be powerful and highly useful against ransomware.”
- “Stands to reform mindset of ‘protect the perimeter’ by mitigating uncertainty and offering real time protection. High potential for risk mitigation.”

## Implementation Principle for the Virsec Security Platform

The Cyber Catalyst implementation principles provide guidance for the deployment of the products in a manner that participating insurers will expect of insureds when considering potential policy enhancements.

The implementation principle for the Virsec Security Platform is:

- Virsec Security Platform has been deployed and installed on all critical applications with the vendor-recommended defaults enabled.

## Evaluation Process

Applications for evaluation of cybersecurity solutions were accepted from March 26 through May 5, 2019. More than 150 cybersecurity offerings, spanning a broad range of categories from hardware to messaging security to IoT security, were submitted for evaluation. Cyber Catalyst participating insurers evaluated eligible solutions along six criteria:

1. *Reduction of cyber risk.*
2. *Key performance metrics.*
3. *Viability.*
4. *Efficiency.*
5. *Flexibility.*
6. *Differentiating features.*

Cyber Catalyst designation was awarded to solutions receiving positive votes from at least six of the eight participating insurers, which voted independently. Neither Microsoft — which served as technical advisor — nor Marsh participated in Cyber Catalyst<sup>SM</sup> designation decisions.

The next Cyber Catalyst program is expected to open in 2020.

For more information on the Cyber Catalyst 2019 designated solutions or the program, visit the Cyber Catalyst pages at [www.marsh.com/cybercatalyst](http://www.marsh.com/cybercatalyst).

For more information about Marsh’s cyber risk management solutions, email [cyber.risk@marsh.com](mailto:cyber.risk@marsh.com), visit [marsh.com](http://marsh.com), or contact your Marsh representative.

For more information about Virsec Security Platform, visit <https://virsec.com/>.

### 2019 CYBER CATALYST DESIGNATED SOLUTIONS

In the inaugural Cyber Catalyst program, 17 cybersecurity products and services have been designated as Cyber Catalyst solutions. More information about all the 2019 Cyber Catalyst-designated cybersecurity solutions is at [www.marsh.com/cybercatalyst](http://www.marsh.com/cybercatalyst).

Marsh is one of the Marsh & McLennan Companies, together with Guy Carpenter, Mercer, and Oliver Wyman.

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