Datasheet

BluVector® OEM Partner Program

Deliver Embedded Security Analytics

Whether you are an existing endpoint security provider, managed services vendor, hardware manufacturer, or cloud provider, your greatest challenge is helping to deliver new solutions that keep your customers' assets safe from cyber security attacks.

With BluVector, OEM partners gain the ability to deliver AI-driven and embedded security analytics for the detection of file-based and fileless malware. Solutions that show clear benefits and value to the customer

BluVector OEM Program

The BluVector OEM program delivers the future of embedded security through machine learning and speculative code execution. With the unmatched advantage of 8 years of work with the US Intel Community and their threat data, only BluVector's OEM program delivers the state-of-the-art in file-based and fileless threat detection.

At the heart of the OEM program are two components:

1. A patented, supervised machine learning engine for the detection of file-based malware. BluVector is recognized as among the most accurate in the market at detecting file-based malware threats.

2. A fileless malware engine that is the cybersecurity industry's first solution specifically designed to find fileless malware traversing the network, in real time.

Program Benefits

Access to AI-powered machine learning and speculative code execution analytics to help your customers detect emerging file-based and fileless threats

- Access to product and engineering resources
- Roadmap sharing
- Access to sales resources and solution documentation

Industries

- Endpoint and Network Security Vendors
- Managed Detection & Response Providers
- Managed Security Service Providers
- Public Sector Organizations
- ICS Device Manufacturers
- IoT Device Manufacturers
- Healthcare System Providers
- Medical Device Manufacturers
- Automotive
- Transportation

BluVector MLE: File-based Malware Detection

BluVector's patented supervised Machine Learning Engine (MLE) was developed for the U.S. federal government to accurately detect zero-day and polymorphic malware in real time.

How BluVector MLE Works

Malware can be encapsulated within common file formats including Office documents, executables, macros contained within a document, embedded JavaScript and seemingly legitimate system updates.

BluVector MLE looks at the content of these files for a combination of characteristics that represent good or malicious software. Trained on hundreds of millions of benign and malicious file samples, BluVector's classifiers are able to accurately identify attributes of files designed to perform the functions typical of malware. This analysis is done within milliseconds on the network, even if the malware has never been seen before. BluVector MLE delivers protection upon installation.

MLE Capabilities

- Platform- /OS-agnostic
- Seamless Upgrades
- Ability to define resource constraints
- Lightweight with minimal overhead
- Easy to manage

BluVector SCE: Fileless Malware Detection

BluVector's Speculative Code Execution Engine (SCE) is the security market's first analytic specifically designed to detect fileless malware in real time as it traverses the network.

How BluVector SCE Works

By emulating how malware will behave when it is executed, SCE determines, at line speed, what an input can do if executed and to what extent these behaviors might initiate a security breach.

By covering all potential execution chains and focusing on malicious capacity rather than malicious behavior, the analytic technology vastly reduces the number of execution environments and the quantity of analytic results that must be investigated.

SCE Capabilities

- Operates at line speed on network streams
- Uses multiple heuristics to detect malicious or obfuscated JavaScript embedded in Webpage HTML that targets network and endpoint services
- Shows suspicious execution sequences, deobfuscating self-modifying malicious JavaScript and shellcode to reveal operational details
- Near-zero false positive rate
- OS-agnostic, detecting threats at the network level

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