

# BLUVECTOR®

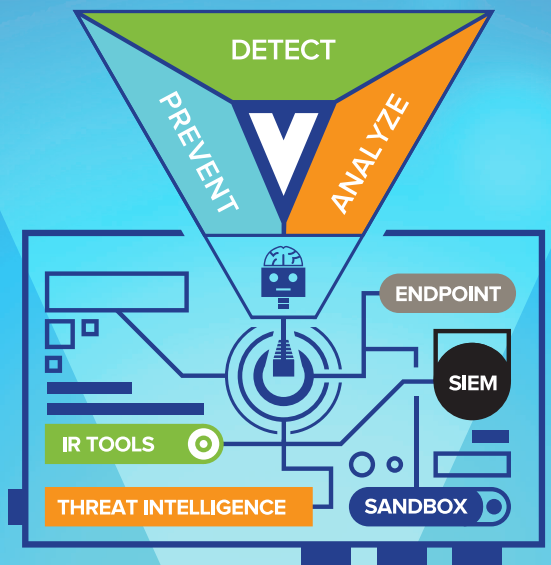
## MACHINE LEARNING AT DIGITAL SPEED

### THE CHALLENGE

Traditional security tools are struggling to keep up with the speed and volume of advanced, never-before-seen cyber threats hitting their networks. Industry reports validate that most compromises are detected first by 3rd parties, and typically months after an initial breach. Unfortunately, most Security Operations Center and Incident Response analysts lack the tools to properly and efficiently investigate even a fraction of that malware infected traffic.

### THE SOLUTION

BluVector, built with patented machine learning and cutting edge cyber hunting capabilities, provides enterprises with faster, more accurate malware detection and response capabilities, helping security analysts to detect, investigate and remediate advanced cyber threats to their networks in minutes (not hours, days or never).



### SPEED

BluVector was built to handle the demands of 10 Gbps modern, high-speed networks. Sitting at a network TAP or SPAN, BluVector performs real-time static analyses of content, to identify potential advanced threats in milliseconds that are undetectable by traditional tools. Those deemed suspicious can then be sent to sandbox or other post analyzer tools for dynamic analysis. BluVector's built-in investigative tools and intelligence packaging capability provide context to expedite a cyber hunter's mission.



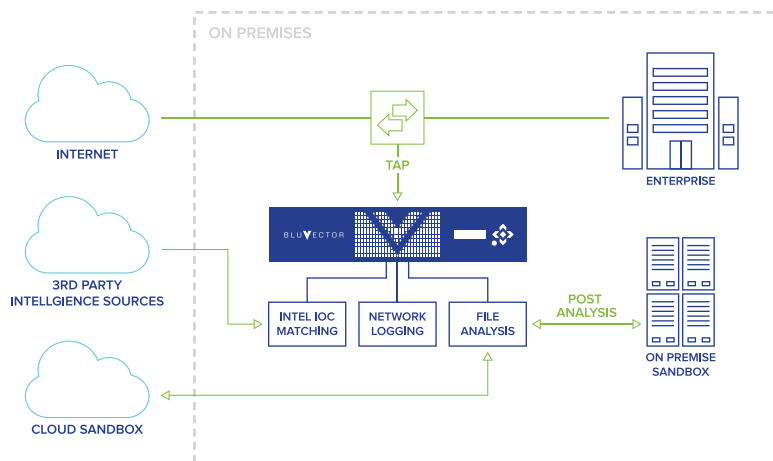
### ACCURACY

With a patented machine learning engine and support for 30+ file types, BluVector is able to identify zero-day and polymorphic malware more accurately than industry-leading solutions. In addition, BluVector is able to "evolve" on-premises using a form of artificial intelligence, to further improve detection accuracy and reduce false positives, while creating a layer of moving defense against bad actors.



### INTEGRATION

BluVector is designed to easily interoperate with an organization's existing security solutions, including Secure Information and Event Management (SIEM) tools, threat intelligence data feeds and end post analyzers to compress detection and investigation timelines. BluVector additionally supports automation of key processes, including block requests.



*A single 2U appliance monitors each gateway—no additional hardware is needed for additional protocols, bandwidth or for administration.*

## MACHINE LEARNING

Unlike traditional solutions which rely on signatures or rules to detect “known” threats, BluVector can detect “unknown” threats—such as zero-day malware and APTs—through its patented machine learning engine which distinguishes between benign and malicious code using 30 file-type classifiers. Operating at wire speed, BluVector scans 32- & 64-bit Windows, PDF, OSX, Linux, Office, APK as well as many common image and compressed file formats in milliseconds. Ground breaking new artificial intelligence on-premises evolves the classifiers for greater accuracy and lower false positives.

## ABOUT BLUVECTOR

BluVector answers the challenge of too much disparate data in too many places requiring sequential handoffs between humans. Using state-of-the-art machine learning and AI technology—in combination with existing investments—BluVector massively accelerates and automates the process of correlating, prioritizing and reporting on even the newest and most sophisticated threats, in minutes rather than months, so that security staff can anticipate and stop the threat before damage is done.

## 3RD PARTY RESULTS

According to a leading third party lab testing service, BluVector allows customers to quickly detect advanced, never-before-seen threats more consistently and accurately than competing security solutions.

## DHS SAFETY ACT DESIGNATION

The “Support Anti-Terrorism By Fostering Effective Technologies Act of 2002” (SAFETY Act) Designation was issued by the DHS after close review of BluVector’s processes and technology. The designation provides liability protections for the manufacturers, sellers, and users of qualified anti-terrorism technologies, but only after satisfying specific technical and economic criteria.

