

BluVector and Endace

Combine a next-generation Intrusion Detection System, powered by AI with full network visibility for confident, rapid threat response.

Combining BluVector and Endace gives analysts a platform that detects even the most advanced threats in real time and provides a full understanding of the threat through detailed context and packet-level Network History.

BluVector® Cortex™ is a next-generation Intrusion Detection System that accurately and efficiently detects, triages and responds to threats including ransomware, fileless malware, and zero-day malware in real time.

At the heart of BluVector Cortex are three components:

- A pair of AI-based detection engines that process traffic to detect file-based and fileless threats.
- Intelligent Decision Support that delivers context and visibility to threat security teams and their investigations by pre-correlating and highlighting log entries associated with events prioritized for analysis.
- An extensible Connectors Framework that automates the hunt process, orchestrates response to threats, and enables easy integration of additional security solutions.

EndaceProbe™ Network Analytics Platforms capture, index and store network traffic with 100% accuracy while simultaneously hosting a wide variety of network security and performance monitoring applications in Application Dock™, the EndaceProbe's built-in hosting environment. Customers can extend their security monitoring capability by deploying BluVector Cortex instances anywhere they have EndaceProbes deployed. Hosted instances can analyze recorded traffic in real time at full line-rate or analyze recorded Network History for back-in-time investigation.

Accelerating Security Investigations

The Network History recorded by EndaceProbes can be integrated into BluVector Cortex using the Pivot-to-Vision™ function of the EndaceProbe API. Pivot-to-Vision lets security analysts pivot from threat alerts in BluVector Cortex directly to EndaceVision™ (the EndaceProbe's built-in investigation tool) to analyze the related, packet-level Network History.

Using the IP address and time range of the trigger event, Pivot-to-Vision focuses the analyst directly on pre-filtered incident data. EndaceVision lets analysts dissect, review and extract the relevant traffic from the terabytes of Network History recorded on the network.

It enables analysis to microsecond level with views filtered by Application, IP, Protocol, Top Talkers and many other parameters, allowing rapid insights and accurate conclusions.

BLUVECTOR®

A COMCAST COMPANY

PRODUCTS

BluVector Cortex

EndaceProbe with Application Dock

BENEFITS

- Detect file-based and fileless malware on the network in real time
- Extend threat visibility by deploying BluVector Cortex on EndaceProbes on the network
- Neutralize threats quickly and efficiently with streamlined investigation workflows.
- Rapid, conclusive and actionable investigations with one-click drill-down to packet-level detail.
- Reduce threat exposure through improved analyst productivity and faster incident investigation.
- Access a definitive evidence trail with an accurate record of all relevant packets.
- Bridge the gap between NetOps and SecOps by giving both teams the ability to rapidly make critical decisions using a shared source of definitive Network History
- Use investigation results to continuously retrain the supervised Machine Learning Engine

Being able to get directly to the related packets with a single click lets security analysts rapidly establish the root cause of issues. They can respond quickly, dramatically reducing the time to resolve critical incidents and minimizing the risk of security threats escalating to become more serious breaches.

Scaling Deployment with BluVector Cortex and Application Dock

BluVector Cortex can be hosted on EndaceProbes. Every packet captured and recorded by the EndaceProbe can be simultaneously streamed to hosted BluVector Cortex virtual appliances in real time.

Security Operations teams can dynamically deploy AI-based, sense and respond BluVector Cortex instances anywhere on the network they have EndaceProbes deployed, allowing them to gain advanced threat detection on demand without additional hardware rollouts.

EndaceProbes are designed to ensure system resources used for capture and recording are separated from the resources used by hosted applications. This means capture performance is never impacted by hosted applications and vice-versa, guaranteeing 100% accurate recording even when BluVector Cortex instances are processing heavy traffic loads.

Conclusion

By deploying BluVector Cortex instances to EndaceProbes in Application Dock, security teams can extend their reach easily, leveraging existing EndaceProbe hardware deployments to extend security monitoring and network recording capability. The combined Endace and BluVector solution provides state-of-the-art detection and definitive evidence to enable rapid remediation with absolute confidence.

How it works

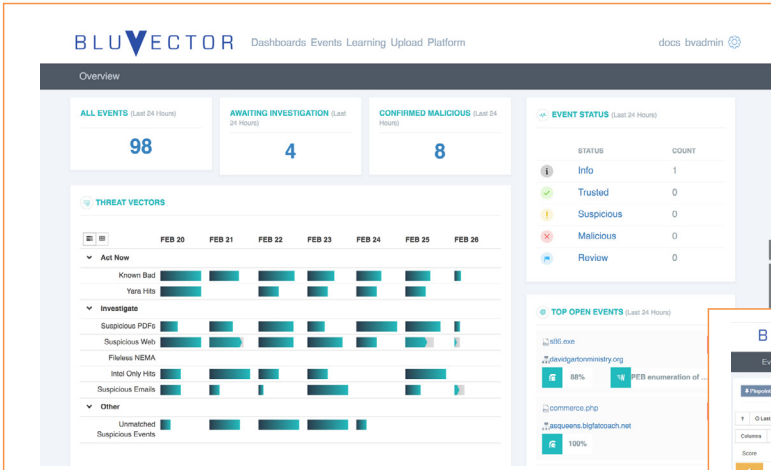


Figure 1. The BluVector Cortex Console shows an overview of all detected events

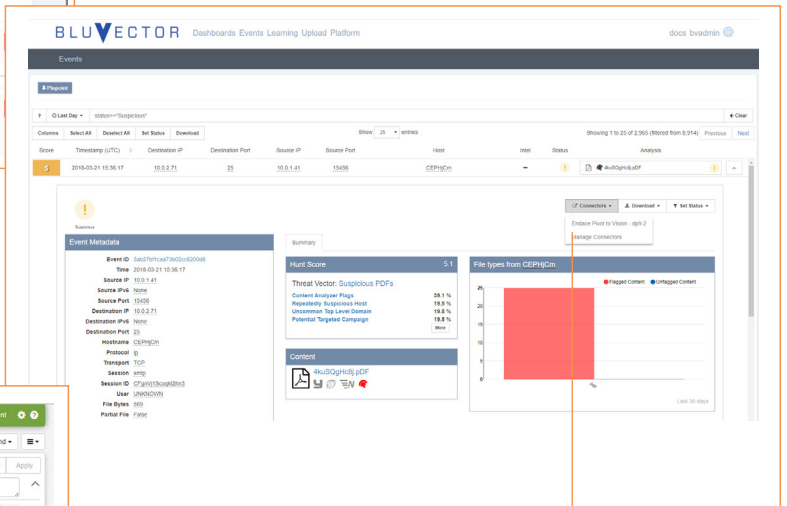


Figure 2. From an event, analysts can select Connectors to go directly to the related packets in EndaceVision

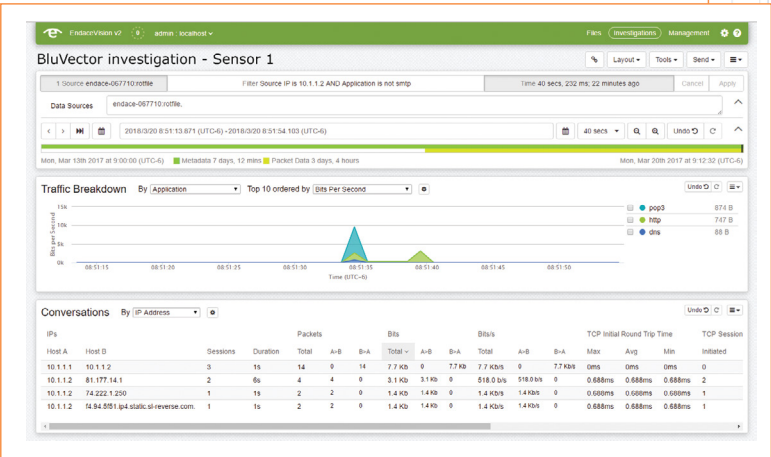


Figure 3. Examine related packet history in EndaceVision, view packet-level detail in EndacePackets or download packet capture file for archival or analysis.



This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the Federal Communications Commission [FCC] Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction document, may cause harmful interference to radio communications.

Endace™, the Endace logo, Provenance™ and DAG™ are registered trademarks in New Zealand and/or other countries of Endace Technology Limited. Other trademarks used may be the property of their respective holders. Use of the Endace products described in this document is subject to the Endace Terms of Trade and the Endace End User License Agreement (EULA).

For more information on the Endace portfolio of products, visit: endace.com/products

For further information, email: info@endace.com