Network Critical and Endace

Delivering the insight to maintain tight control, hardened security and service-level performance with accurate and scaled network history.

As networks evolve, companies struggle with the visibility they need to maintain tight control, hardened security and adequate service-level performance. From hybrid or software-defined networking to virtualization, edge computing and intent based policies, Network Critical's unique and scalable visibility layer gives tools and systems the packet level access needed to monitor and protect critical and ever-changing infrastructure. This scalability reduces CapEx and OpEx and elevates tool ROI and performance.

Network Critical's comprehensive range of Network TAPs and Packet Brokers deliver accurate and reliable real-time network traffic data into critical infrastructures, allowing customers to leverage and optimize their existing monitoring and security tools while future-proofing their networks.

EndaceProbe™ Network Analytics Platforms capture, index and store network traffic with 100% accuracy while simultaneously hosting network security and performance monitoring applications in Application Dock™, the EndaceProbe's built-in hosting environment.

Customers can host commercial solutions from Endace's Fusion Partners – including Cisco, Darktrace, Palo Alto Networks and others - or deploy open-source tools anywhere they have EndaceProbes on the network. Hosted solutions can analyze recorded traffic in real-time at full line-rate or analyze recorded Network History for back-in-time investigations.

The EndaceProbe's powerful API integration lets SecOps and NetOps analysts go directly from alerts in their preferred network security and performance monitoring tools to the related packet history in a single click, dramatically reducing investigation and response times and increasing productivity.

Deploying Network Critical TAPs and Packet Brokers with EndaceProbes

Network Critical 100G passive TAPs can tap multiple 100G links and feed the data to Network Critical's 100G packet broker for aggregation, filtering and load balancing to multiple 10G output ports, allowing connected EndaceProbes to record high speed traffic across multiple 10G interfaces simultaneously.

Network Critical's packet brokers can be used to load balance traffic across stacks of EndaceProbes for sustained recording speeds of 100Gbps and beyond with petabytes of storage capacity. Traffic can also be load-balanced across multiple instances of hosted analytics applications on one or more EndaceProbes to increase analytics throughput.

PRODUCTS

Network Critical TAPs and Network Packet Brokers

EndaceProbe Analytics Platform with Application Dock

BENEFITS

- 1G-100G passive TAPs for unfiltered access to network traffic
- Simplified distribution of network data to critical tools across your monitoring environment
- Rapid, conclusive and actionable investigations with rapid drill-down to definitive packet level evidence.
- Greater analyst productivity and faster incident investigation.
- Definitive evidence trail with an accurate record of all relevant packets.
- Open platform for hosting a wide range of third-party commercial and open-source analytics tools across the network.
- Highly flexible infrastructure that can scale to monitor 100Gbps and beyond and provide weeks to months of network history.

Connecting EndaceProbes to links using Network Critical's SmartNA PortPlus™ Packet Broker combines maximum deployment flexibility with simple management. The PortPlus can scale from 54 to 194 ports and handles 1/10/25/40/100G traffic speeds, making it easy to match link speeds to EndacecProbe capability. Ports automatically adjust to the speed of the attached EndaceProbe monitoring ports for easy adds and changes. Features such as aggregation, filtering and port mapping make it easy to deliver required traffic to the appropriate monitoring port and/or hosted application. Network Critical's innovative Drag-n-Vu™ Graphical User Interface controls all management operations with simple drag and click operation. Filters and port maps can be developed and implemented in minutes, simplifying and accelerating deployment and configuration.

Conclusion

Combining Network Critical TAPs and Network Packet Brokers with EndaceProbes provides flexible high-performance management of network traffic data with industry leading network recording capability. It provides an open, network-wide analytics platform that can host the tools necessary to detect and respond to network issues and cyber-threats in real time, across the entire digital business infrastructure.
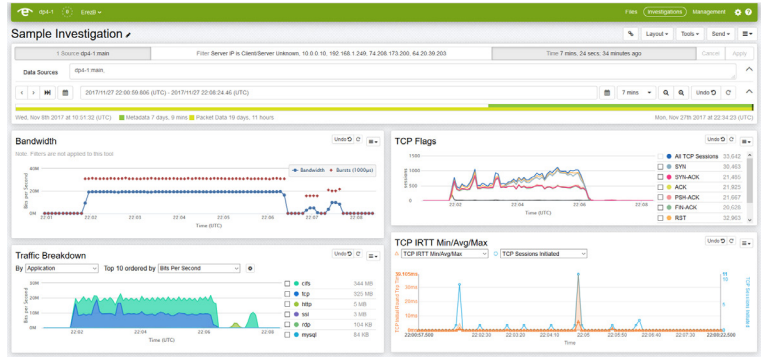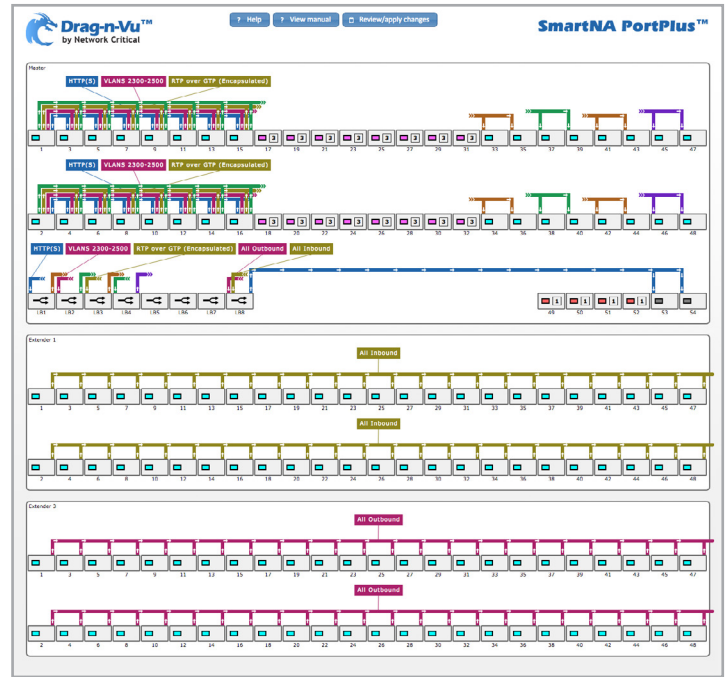
How it works

Hosted
Solutions

EndaceProbe

EndaceVision

Network Critical Packet Brokers and TAPS

Drag-n-Vu GUI

For more information on the Endace portfolio of products, visit:

endace.com/products

For further information, email: info@endace.com