APCON
Solutions for Networks

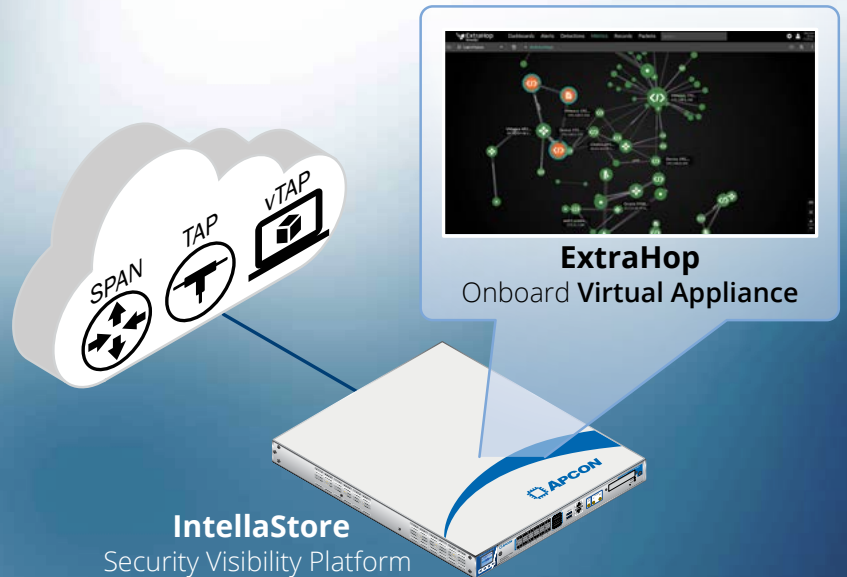# Network Security Starts with Network Visibility and Real-Time Analytics

ExtraHop

Every good solution starts with a solid platform

ExtraHop
Onboard **Virtual Appliance**

IntellaStore
Security Visibility Platform

Often, a good monitoring strategy requires good, strong partnerships. That's why APCON teamed up with ExtraHop — together we provide an integrated visibility security solution with the real-time operational intelligence required to make IT and security operations more agile and proactive.

APCON INTELLASTORE®
VISIBILITY ENABLEMENT PLATFORM

The IntellaStore family provides complete visibility of physical and virtual network traffic.

Available in two models, IntellaStore II+ and IntellaStore II, this performance visibility platform provides aggregation, filtering and optimization for complete visibility to network traffic.

- Data monitoring switch with 12 Ethernet ports 1G/10G and 2 ports 40G.

- Traffic aggregation, filtering and load balancing.

- Optimization of traffic with deduplication, packet slicing, protocol stripping and time stamping.

- Capture of network activity in real time with on-board and external storage options.

- Get actionable performance intelligence in minutes by deploying this joint solution.

- Industry-leading, easy-to-use graphical user interface.

EXTRAHOP
WIRE DATA ANALYTICS

The ExtraHop platform automatically discovers and classifies everything within a customer's environment as it happens in real time using a simple, agentless deployment model. Machine learning builds baselines for every device, application, and network, and then automatically detects anomalous behavior.

With the ExtraHop platform, you can:

- Automatically detect security and performance issues with machine learning

- Discover all applications and devices automatically

- Map all dependent systems based on observed communications

- Stream real-time events and metrics to firewalls, SIEM platforms, and other systems

- Assure security- and privacy-compliant communication between HL7 interfaces

- Monitor VDI performance, EHR applications, and both hosted and SaaS applications

JOINT SOLUTION BENEFITS

CONTINUOUS NETWORK VISIBILITY
IntellaStore captures all traffic of interest from anywhere in the network and provides full packet visibility to the ExtraHop system.

SIMPLIFIED DEPLOYMENT
The all-in-one design of the IntellaStore makes it a perfect solution for midsize network deployments or remote locations.

PACKET CONDITIONING
As network administrators span and tap various parts of their networks to feed into their network monitoring tools, they create a lot of duplicate packets. The deduplication feature included in the IntellaStore reduces stress on the ExtraHop system by eliminating duplicates.

VIRTUAL NETWORK VISIBILITY
IntellaStore provides the ability to aggregate and monitor encapsulated traffic from virtual machines in the network via GRE termination. The IntellStore also provides GRE decapsulation and aggregation of up to 10Gb processing for forwarding of virtual network traffic to the ExtraHop system.

CO-LOCATE APPLICATIONS
The IntellaStore can host several synergistic applications that have differing strengths, i.e., combining ExtraHop and a security application such as Tenable PVS.

HEALTHCARE FOCUS
ExtraHop and APCON both have a strong concentration in the healthcare industry. ExtraHop offers full HL7 application decoding and APCON offers special features, such as packet slicing and pattern matching that allow healthcare engineers to gain more visibility into their network traffic while protecting patient's private information.

WHY IS APCON A COMPLEMENT TO EXTRAHOP?

APCON DELIVERS:

TRAFFIC FROM ANYWHERE
- Physical (edge, core, spine/leaf, FabricPath and remote sites via SPANs and TAPs)
- Virtual (intra VM traffic, East/West)
- Cloud (AWS, Azure and private)

TRAFFIC TO ANY TOOL
- Aggregate/merge traffic into continuous flows
- Multicast/replicate same traffic to multiple tools (reuse ingress ports)
- Load balance egress flows to tools
- Rate negotiation, ability to match ingress to egress feeds across 1G/10G/40G/100G rates

TRAFFIC CONDITIONING
- Filter traffic for any conditions layers 1–4
- High speed deduplication (up to 200Gb/s)
- Pattern matching/masking (hiding sensitive/confidential information)
- Packet slicing (remove payload)
- Protocol stripping (remove packet encapsulations)
- Deep buffering to absorb traffic bursts (prevent tool oversubscription)

TRAFFIC SERVICES PERFORMED
- NetFlow records generated (1:1, sent to up to 16 collectors)
- Tunnel termination (GRE, VXLAN, ERSPAN and GENEVE encapsulations)
- Captures (scheduled, streaming or triggered)
- Onboard analysis with certified apps

ABOUT APCON
For more than 20 years, APCON has consistently delivered smart, stable and scalable technology solutions that provide an unparalleled level of confidence to service providers and businesses seeking total data center visibility and security. Its customers range from midsize companies to Fortune 1000 enterprises in more than 40 countries. APCON assures superior network monitoring while supporting traffic analysis and streamlined network management and security. For more information, visit www.apcon.com or follow us on Twitter @apcon.

ABOUT EXTRAHOP
ExtraHop provides enterprise cyber analytics that deliver security and performance from the inside out. Our breakthrough approach analyzes all network interactions in real time and applies advanced machine learning to help you investigate threats, ensure the delivery of critical applications, and protect your investment in the cloud. With this approach, we help the world's leading enterprises including Credit Suisse, Hasbro, Caesars Entertainment, and Liberty Global rise above the noise of alerts, organizational silos, and runaway technology with complete visibility, real-time detection, and guided investigation.

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