

# Getting Ahead of Security Risks with Network Visibility and Security Solutions



» **Businesses are facing an exponential growth in malicious cyberattacks. IT organizations need the ability to continuously monitor and assess network and application performance in order to quickly detect, investigate, and respond to security breaches. APCON and Tenable answer these needs by providing an integrated solution with Nessus™ Network Monitor running natively on the IntellaStore® Security Visibility Platform.**

## APCON IntellaStore® Security Visibility Platform

The IntellaStore family provides complete visibility of physical and virtual network traffic. Available in two models, IntellaStore II+ and IntellaStore II, this security 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 security intelligence in minutes with deployed security applications
- Industry-leading, easy-to-use graphical user interface

## Tenable Nessus Network Monitor

Nessus Network Monitor, (formerly Passive Vulnerability Scanner® or PVS™) delivers continuous monitoring and profiling of assets in a non-intrusive manner. The product analyzes network traffic at the packet level to provide visibility to vulnerabilities with full asset discovery.

- Continuously monitors network traffic for vulnerabilities eliminating blind spots left by periodic scanning
- Automated asset discovery and classification of all hardware, services and web applications on the network
- Passive and non-intrusive technology that is safe for highly sensitive and critical systems
- Detects suspicious traffic and connections
- Extremely easy to use, and reports can be integrated into log aggregation tools such as Splunk

# Why is APCON a Complement to Tenable?

## APCON Delivers:

### Traffic From Anywhere

- Physical (edge, core, spine/leaf, FabricPath and remote sites via SPANs & 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

## Joint Solution Benefits :: IntellaStore with Nessus Network Monitor

### Continuous Network Visibility

IntellaStore captures all traffic of interest from anywhere in the network and provides full packet visibility to the Nessus Network Monitor running directly on the IntellaStore.

### 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 Nessus Network Monitor 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 IntellaStore also provides GRE decapsulation and aggregation of up to 10GB processing for forwarding of virtual network traffic to the Nessus Network Monitor system.

### Co-Locate Applications

The IntellaStore can host several synergistic applications that have differing strengths, i.e., combining Nessus Network Monitor and an analytics tool such as ExtraHop onto the same IntellaStore platform.

### PCI DSS Compliance

Nessus Network Monitor not only monitors known data flows in and out of the cardholder data environment, but also identifies undocumented data flows, particularly of unencrypted payment card information.

### Tenable SecurityCenter CV Integration

For continuous monitoring in real time to discover assets and detect anomalous activity, IntellaStore with Nessus Network Monitor acts as an integrated sensor in Tenable's continuous network monitoring solution, SecurityCenter CV.

## About Tenable

Tenable transforms security technology for the business needs of tomorrow through comprehensive solutions that provide continuous visibility and critical context, enabling decisive actions to protect your organization. Tenable eliminates blind spots, prioritizes threats, and reduces exposure and loss. With more than one million users and more than 21,000 customers worldwide, organizations trust Tenable for proven security innovation. Tenable customers range from Fortune Global 500 companies, to the global public sector, to mid-size enterprises in all sectors, including finance, government, healthcare, higher education, retail and energy. Transform security with Tenable, the creators of Nessus and leaders in continuous monitoring.

## 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](http://www.apcon.com) or follow us on Twitter @apcon.

