

APCON & ACCEDIAN

Deliver the best user experience with
Total Network Visibility




Enterprise and Service Provider IT Organizations have to overcome numerous visibility challenges to maximize network performance and security.

- Streamlining and directing network data to multiple performance monitoring and security tools at the core datacenters
- Eliminating visibility blind spots at remote locations
- Acquiring application performance data cost-effectively
- Meeting the needs of today's distributed cloud environments

APCON and Accedian join forces to solve these challenges utilizing a network packet broker to deliver an integrated network and application performance monitoring solution.

APCON INTELLASTORE® II+ VISIBILITY ENABLEMENT PLATFORM

The **IntellaStore II+** provides complete visibility of physical and virtual network traffic.

The IntellaStore II+ 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 real-time network activity with onboard and external storage options.
- Get actionable performance intelligence in minutes by deploying this joint solution.
- Industry-leading, easy-to-use graphical user interface.

Accedian Skylight™ is a Network-based application performance management solution that combines advanced end-user experience monitoring, network performance monitoring, and real-time transaction insight resulting in a market-disrupting end user experience visibility solution.

SKYLIGHT™

- Delivers unified performance monitoring visibility across the entire application and network chain, with best-in-class resolution and velocity.
- Highly scalable, simple to set up, and easy to use, it provides real-time, actionable insight into every platform, link, app, and user across complex, multi-cloud deployments.
- Latest-generation analytics return proven business value, unifying teams to deliver the best digital experience.

A TRANSFORMATIVE VISIBILITY SOLUTION

- Skylight monitors how an end user is experiencing the performance of business-critical applications as they consume IT infrastructure and network resources.
- Skylight uses a "single lens capture" to triangulate how the performance of the application code, IT infrastructure, and the network across geographically distributed resources is impacting an end user's application experience. With this design, pinpointing elusive application performance degradation root causes is now possible in seconds rather than hours or days.
- Skylight delivers application performance degradation root cause visibility, offering progressively enriched insight with each click.
- Skylight is a purely virtualized software solution with easy deployment across physical, virtual, and cloud infrastructure, eliminating blind spots created by cloud migration.

JOINT SOLUTION BENEFITS

TOTAL NETWORK VISIBILITY

IntellaStore® II+ captures all traffic of interest from anywhere in the network and provides full packet visibility to the Accedian Skylight end-user experience monitoring platform running directly on the IntellaStore II+.

SIMPLIFIED DEPLOYMENT

The all-in-one design of the IntellaStore II+ with integrated Skylight makes it a perfect solution for midsize and large network deployments or remote locations.

INTEGRATED DASHBOARDS

Dashboards provide continuous application and quality-of-experience monitoring in real-time to troubleshoot, optimize, plan, and reduce migration risk. Skylight unifies capabilities (network performance monitoring, application delivery, application performance monitoring) normally distributed in several appliances and products to reduce complexity and total cost of ownership (competitors require network analyzers, transaction modules, TCP performance modules, stream to disk, etc.).

PACKET CONDITIONING

As network administrators span and tap various parts of their networks to feed into their network monitoring tools, they create many duplicate packets. The deduplication feature included in the IntellaStore II+ reduces stress on the Skylight Platform by eliminating duplicates.

VIRTUAL NETWORK VISIBILITY

IntellaStore II+ provides the ability to aggregate and monitor encapsulated traffic from virtual machines in the network via GRE termination. IntellaStore II+ also provides GRE decapsulation and aggregation of up to 10G processing for forwarding of virtual network traffic to the Skylight application QoE monitoring platform.

CO-LOCATE APPLICATIONS

The IntellaStore II+ can host several synergistic applications of differing strengths, i.e., combining Skylight and a security tool such as Nesseus Network Monitor onto the same IntellaStore II+ platform.

ABOUT APCON

A privately held corporation, APCON is headquartered near Portland, Oregon, where it has operated since 1993. APCON's in-house staff manages product design and development, manufacturing, quality assurance and final testing, customer training, and long-term servicing of its solutions – whether for a system with a single switch or a global installation that spans multiple geographical or cloud locations.

ABOUT ACCEDIAN

Accedian is the leader in performance analytics, cybersecurity threat detection and end user experience solutions, dedicated to providing our customers with the ability to assure and secure their digital infrastructure while helping them to unlock the full productivity of their users.

Accedian is committed to empowering their customers with the ability to see far and wide across their IT and network infrastructure and a microscopic ability to dive deep and understand the experience and security of every user, helping them to delight and protect their customers.

Accedian has been delivering solutions to high-profile customers globally for over 15 years.



APCON, Inc. • 9255 SW Pioneer Court, Wilsonville, Oregon 97070

+1 503-682-4050 • 1-800-624-6808 • apcon.com

© 2019-2021 APCON, Inc. All Rights Reserved. [@APCON](#) • [in](#) company/APCON

WHY IS APCON A COMPLEMENT TO ACCEDIAN SKYLIGHT?

APCON DELIVERS:

TRAFFIC FROM ANYWHERE

- Physical (core, spine/leaf, edge, 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 (re-use ingress ports)
- Load balance egress flows to tools
- Support for data rates from 100M to 100G

TRAFFIC CONDITIONING

- Filter traffic for any conditions Layers 1-4
- High-speed deduplication (up to 200G)
- 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

- 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