

ADVANCED HYBRID VISIBILITY SOLUTION

IntellaView Platform



Scaling networks to dynamic, automated architectures that thrive on next-generation bandwidth requires **a new approach to network visibility.**

APCON's IntellaView platform is designed to accommodate unprecedented levels of bandwidth and enable network visibility for hybrid workloads running in all environments, including private cloud, public cloud, and on-premises infrastructures.

IT DATACENTER, VIRTUALIZATION AND CLOUD LANDSCAPE

The Challenge



Massive trends are changing datacenter designs and architectures as organizations move to address competing requirements of exponential data growth and mobile devices coupled with existential security threats. Deployment speed, performance and scale are also key considerations in architecting networks that will provide the services, applications and instantaneous response times required by end users. Additionally, technology trends such as containers and microservices are adding layers of complexity, management and security considerations.

- Hyperscale datacenter architectures driving virtualization and east-west traffic flow
- Migration to 40/100G architectures enabling exponential traffic flow and security exposure
- Movement of workloads to public cloud services for geographic efficiencies, deployment speed, scalability and up-front investments
- Hybrid cloud environments to optimize workload performance and operational cost efficiencies
- On-demand, interactive applications requiring lower latency and higher network performance

These dynamics introduce complexities in maintaining packet level visibility to closely monitor application performance, network stability and security threats.

COMPREHENSIVE PACKET-LEVEL VISIBILITY AT SCALE

The breakneck adaptation of automation, orchestration and virtualization across large scale datacenters introduces questions in regards to proactive monitoring of network, application and security events. “Always on” access to pertinent physical, virtual and cloud monitoring traffic feeds at any time is critical in managing these new architectures at scale. In addition, deployment of pertinent network performance or security tools at both primary and remote sites is vital in running and securing these networks.

Comprehensive visibility enables network and security teams to gain insights into mission critical business applications and monitoring of security threats.

Access to the right monitoring feed from a physical link, a virtual environment or cloud workload is key. Elements of a comprehensive visibility architecture include the following:

- Physical, virtual and cloud TAP placement throughout the network to access all vital workloads
- Scalable platform to aggregate traffic as network adds link capacity or virtual/cloud workloads
- Ability to efficiently deploy and optimize analysis tool efficiency by processing traffic of interest
- Point-and-click access to these feeds for appropriate network, application and security analysis
- Ability to pinpoint specific traffic carrying sensitive payload data for security, healthcare or financial compliance

NEXT-GENERATION VISIBILITY SECURES THE NETWORK

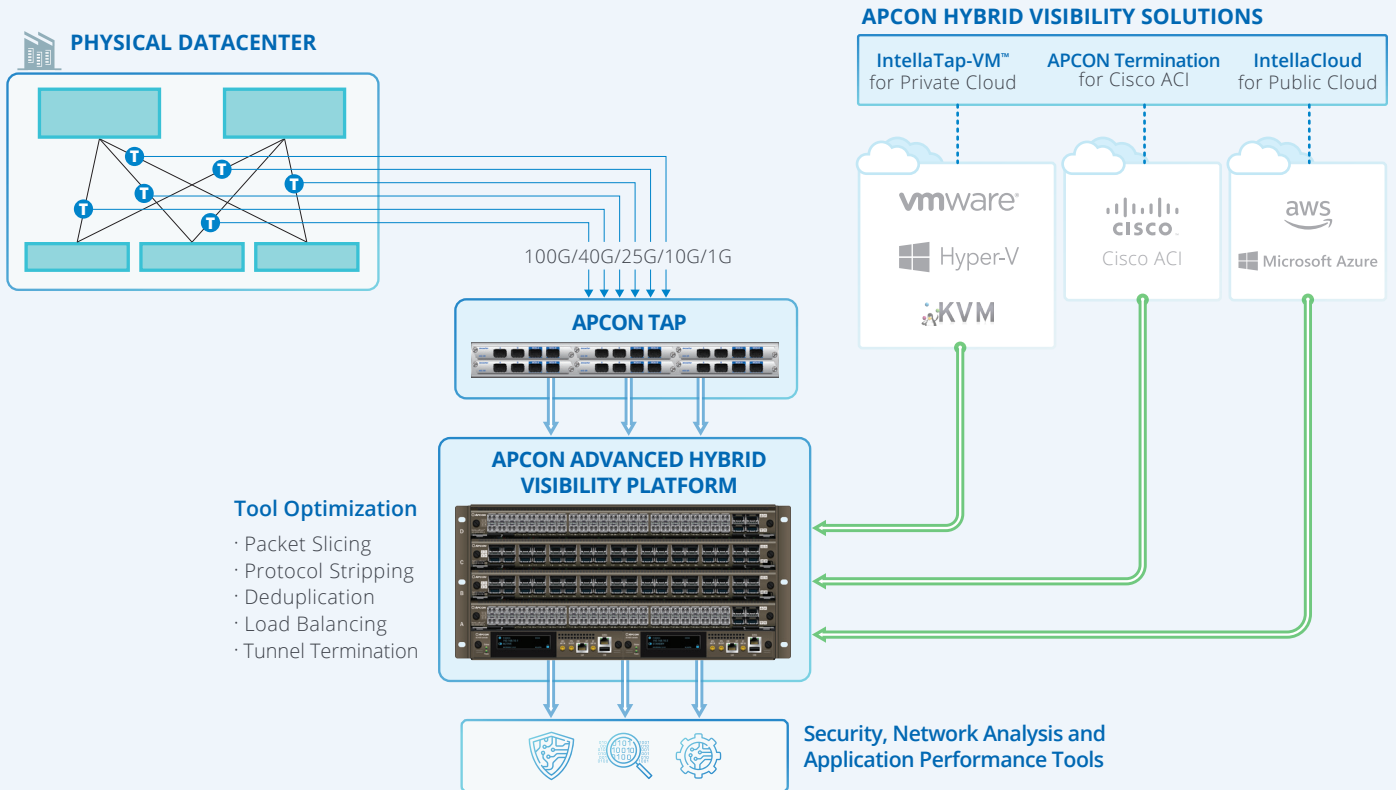
Instant access to critical data flows starts with a visibility platform. For next-generation IT and datacenter workflows, data may need to be accessed from 100G physical links, virtual environments or cloud deployments. Instant access to any or all of these feeds from a single platform will enable network, security operations and analysts to attain metrics needed to monitor, secure, maintain and troubleshoot the network.

INTRODUCING THE NEXT GENERATION INTELLAVIEW

APCON's IntellaView offers an intuitive user interface for instant data access and virtual/cloud monitoring integration for securing critical workloads. These benefits carry across all areas of IT and security operations.

APCON's IntellaView next-generation monitoring platform is a single platform designed to scale and access all critical workloads. APCON's physical, virtual and cloud-based TAPs enable instant access with a common interface to leverage existing security and system management tools. APCON secures the network by integrating security tools to identify threatening applications, intrusion attempts or system vulnerabilities. **Contact an APCON representative** to discuss how to leverage this breakthrough platform in your environment.

THE APCON INTELLAVIEW Hybrid Visibility Solution



THE APCON INTELLAVIEW SOLUTION CAPABILITIES

Optical TAPs

Complete line of 1G, 10G, 40G, and 100G optical TAPs enabling 100% visibility without impact to network device performance.

IntellaView Network Visibility Platform

World's highest capacity visibility platform offering unprecedented scale and access to critical Enterprise monitor data.

Virtual TAPs

Capture network traffic from Virtual Private Cloud and Public Cloud environments.

APCON Management Interface

The intuitive user interface allows you to easily maintain control and visibility over your hybrid network environment.

Top Features

- Unprecedented 1/10/25/40/100G Scale and Bandwidth
- Centralized Aggregation and Access to all physical, virtual and Cloud workloads
- Intuitive GUI for streamlined access and easy-to-read diagnostics
- Tool optimization for extended ROI on existing tool CapEx and OpEx
- Compatibility with the latest datacenter cooling requirements

Benefits

One-Point Access for all Critical Data

For use by network engineering, network operations and security teams

Breakthrough Scale and Bandwidth

Capture and monitor all vital links and scale with latest-generation spine/leaf architectures

Streamlined Architecture

Access any critical operational data feed from anywhere in the network

Leverage and Optimize Existing Security and Network Tools

Optimize traffic feeds by filtering, slicing, de-encapsulating and de-duplicating data feeds



The APCON Difference

APCON leverages its proprietary IP and deep expertise to provide flexible, focused solutions across

- Government
- Healthcare
- Higher Education
- Financial Services
- Manufacturing
- Telecommunications

APCON solutions provide the flexibility and means to gain visibility to data more efficiently, resulting in savings across the board – including time, resources and maintenance.



Service and Support

APCON's professional services team of certified engineers has many years of experience optimizing network visibility strategies for businesses across the globe. In addition to providing installation assistance of existing analysis tools, this team proudly provides around-the-clock troubleshooting services and support.



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 across multiple geographical or cloud locations.