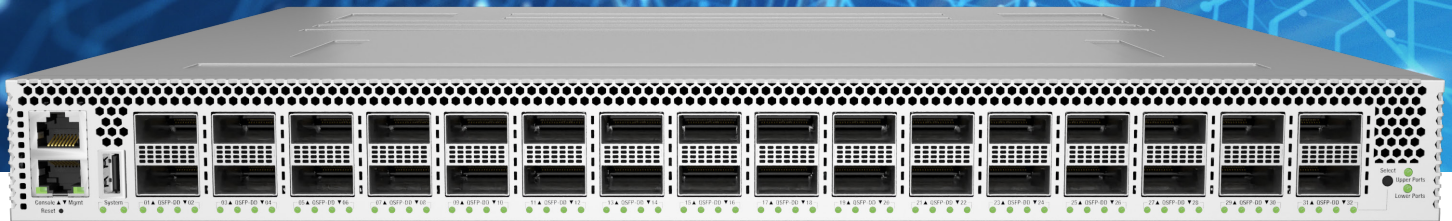**APCON**
Solutions for Networks

FLEXIBLE 400G PROCESSING AT THE EDGE OR THE CORE

IntellaView 400G EdgeSwitch

BENEFITS

Integrate a high-speed, 400G network visibility solution

Simplify network cabling architecture to lower costs

Scale and lower distributed access costs

FEATURES

Traffic Aggregation:
Aggregate TAPs/SPANs and optimize monitoring tools

Ingress Filtering:
Use filtering criteria to direct packets to the right tool

Port Tagging:
Determine the source of network traffic

Load Balancing:
Efficiently distribute traffic to security tools

Protocol Header Stripping:
Remove Outer VLAN tags and headers from encapsulated packets at the ingress points

Tunnel Termination/ Initiation: Move packets from one network to another

400G HIGH-SPEED VISIBILITY WHEREVER YOU NEED IT

The rate speeds at which data is traversing modern devices and networks is ever-increasing, creating potential blindspots and security hazards for networks that can't keep up with the data throughput. To help our customers get ahead of these issues, APCON is announcing a new high-capacity product that features 400G throughput per port.

The new IntellaView 400G EdgeSwitch is a compact 1RU system with 32 QSFP-DD ports of 40G/100G/200G**/400G Ethernet capability that IT teams can integrate into existing switches as either a standalone, top-of-rack, or end-of-row solution to enable efficient Traffic Aggregation, ACL Filtering, Load Balancing, Protocol Header Stripping, Port Tagging, Standby Ports, Tunnel Management, and Trunking.
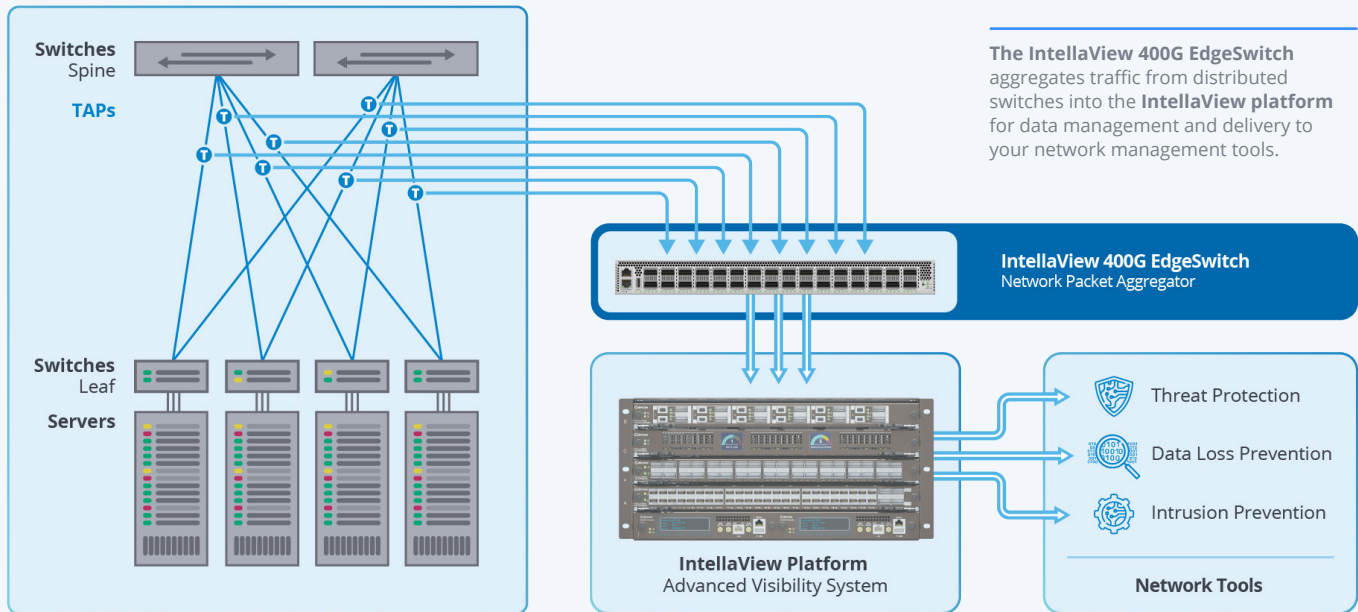
Whether you need to simplify cabling in the data center or increase traffic aggregation efficiency to security tools and applications, the IntellaView 400G EdgeSwitch is here to meet your current and future business requirements.

SIMPLIFY COMPLEX NETWORK INFRASTRUCTURES

The IntellaView 400G EdgeSwitch integrates with your network architecture to simplify the management and lower the cost of complex network configurations. IT teams that run distributed data centers can use the new IntellaView 400G EdgeSwitch to reduce resources needed to gain visibility at the edge, increase efficiency, and leverage the built-in flexibility to monitor and send the right traffic to the right security and monitoring tools.

FUTURE-PROOF YOUR NETWORK ENVIRONMENT

Bring the benefits of 400G throughput to your branch offices, remote sites, and campuses with a robust, standalone solution for a smaller-footprint network environment. Whether it is used as top-of-rack, end-of-row, or at the network's edge, future-proof your network with high-speed, packet-level processing: the IntellaView 400G EdgeSwitch.

The IntellaView 400G EdgeSwitch aggregates traffic from distributed switches into the **IntellaView platform** for data management and delivery to your network management tools.

PORT AGGREGATION AND FEATURES

The new IntellaView 400G EdgeSwitch gives data centers plenty of port options for edge or core traffic aggregation: 32 QSFP-DD ports of 40G/100G/200G**/400G with breakout mode supporting 10G/25G/50G/100G rates. Configure the new IntellaView 400G EdgeSwitch to take advantage of features like any-to-any connectivity, traffic aggregation and filtering, port tagging, protocol header stripping (Outer VLAN), load balancing, tunnel termination/initiation, and multi-system trunking as well as port statistics, system status, and alerts.

400G EDGESWITCH USE CASES

With the speed and versatility of the IntellaView 400G EdgeSwitch, data centers can collect and process multiple data streams in a variety of strategic ways.

Edge Aggregation
Place the IntellaView 400G EdgeSwitch 32-port system on the edge of the network to gain visibility via TAPs, SPANs, or tunnel termination from any point in the network.

Remote Site Aggregation and Visibility
Operations teams use the IntellaView 400G EdgeSwitch at a remote site for both local packet access and delivery to local tools. Direct your traffic to any other location with the system's native tunneling or trunking capabilities.

Core Data Center Visibility
Large data centers use this solution to access TAPs/SPANs on a grander scale; for instance, in a hub-spoke topology from a top-of-rack configuration. Deliver to tools there, or at a hub switch delivering optimized packets to core tools.

EDGESWITCH EVOLUTION

Building on the original 100G EdgeSwitch architecture—a product that delivered greater speed and flexibility to top-of-rack, end-of-row switching—the IntellaView 400G EdgeSwitch quadruples throughput speed to accelerate today's 100G and 200G networks to modern performance levels.

The proliferation of Artificial Intelligence (AI), Machine Learning (ML), and Deep Learning (DL) carries with it a corresponding uptick in data volume, making 400G the current benchmark to stay in step with these evolving technologies. The IntellaView 400G EdgeSwitch offers data centers a high-speed solution for edge computing, a need becoming more common for time-sensitive, high-demand AI applications.

ACI-4532-EDG-1 SPECIFICATIONS*

Network Interfaces (Ports)	32 x 40G/100G/200G**/400G QSFP-DD Ethernet
	Breakout Mode: Single QSFP-DD port breaks into: 2 x 100G**(64 max); 4 x10G/25G/50G**/100G (128 max); 8 x 10G/25G/50G (256 max)
Features	Aggregation; ACL Filtering; Load Balancing; Port Tagging; Protocol Header Stripping; Tunnel Termination / Initiation; Trunking to IntellaView
What's Included:	• IntellaView 400G EdgeSwitch Packet Aggregator • Dual AC Power Supplies • Fully integrated APCON software and IntellaView, tested and ready for deployment • Certified Transceivers (required for support)

All features and specifications are subject to change.
**Requires the use of a QSFP56 Transceiver.*