Arista Expands Cognitive Campus Portfolio for Enterprises

11/2/2020

Advanced modular architecture optimizes client to cloud experience

SANTA CLARA, Calif.--(BUSINESS WIRE)-- Arista Networks (NYSE:ANET) today announced the expansion of its **Cognitive Campus** portfolio with new platforms, including the new **750 Series** modular chassis for enhanced security solutions and simplified automation workflows. These new capabilities bring improved efficiency and opex reduction to enterprise workspaces based on modern cloud networking principles.

This press release features multimedia. View the full release here:
https://www.businesswire.com/news/home/20201102005161/en/

The new 750 Series modular chassis. Arista's latest addition to its Cognitive Campus portfolio. (Photo: Business Wire)

Broadened Cognitive Campus Lineup

Today's campus networks are evolving to support the growing variety of endpoints including WiFi6 access points, mobile technology and IoT (Internet of Things) devices. These trends are driving the need for increased performance and power efficiency of the network infrastructure to deliver both 5 and 10G connectivity with 25G and 100G wire rate uplinks. Migrating from 10G to 40G is expensive and challenging due to recabling costs where 25G is a cost-effective option and 100G delivers the highest performance.

To address these challenges, Arista is introducing the 750 Series systems, the first 100G ready, high-density 1G to 10G modular PoE (Power over Ethernet) switches, built for security, modern IoT and real-time telemetry and the 720 Series 96 port.

"ShotSpotter provides near real time acoustic gunshot detection and precision-policing solutions to help prevent and reduce gun violence. For us resilience and performance are key. Lives are on the line," said David Halliday, head of Information Systems at ShotSpotter Inc. "Arista Cognitive Campus solutions provide cutting edge switching to our

Incident Review Center and offices. These enterprise switches give us excellent availability and cutting-edge performance while integrating smoothly with our existing data center infrastructure."

Pervasive Encryption for Data Confidentiality

Campuses are evolving from dedicated offices to smart workspaces with communal-shared, collaborative places. This drives the security needs from perimeter to end-to-end encryption. Campus networks require a zero-trust model with secure segmentation and dedicated encryption to avoid snooping through third party IoT or BYOD (Bring Your Own Device).

The Arista 750 Series supports security using industry standards-based MACsec encryption and EVPN/VXLAN segmentation. Each and every access port from 10Mb to 10G supports 256-bit encryption to secure communications between devices. Finally, all supervisor uplinks also support encryption for secure connectivity to the enterprise network.

Cognitive PoE Capabilities

The 750 Series delivers a rich suite of cognitive PoE capabilities including continuous, concurrent and dynamic PoE, a critical aspect of next-generation campus deployments addressing the proliferation of users, devices, end-points and IoT systems.

750 Series Innovations

Customer benefits include:

- Predictable performance with 400G of uplinks and a future proof architecture
- Consistent latency with low jitter for video conferencing and real-time applications
- Unprecedented levels of resilience with independent switching and control planes
- Pervasive observability with FlowTracker combined with the DANZ Monitoring Fabric and Awake Network Detection and Response (NDR)

Simplified Cognitive Campus Design

The networks that support today's enterprise workspaces continue to suffer from too much complexity brought on by the myriad platforms, operating systems, proprietary features and network management tools from incumbent vendors. Responding to new trends such as the growth of IoT, the impact of malware and COVID working conditions, these brownfield networks do not have the pervasive security or operational agility to handle these trends and are in need of a refresh.

The Arista Cognitive Campus is an AI-driven approach to unify wired and wireless campus access built on real-time, data-driven analytics, delivering a great user and operator experience. The Arista Cognitive Campus is built on the standards-based Arista Universal Cloud Network (UCN) architecture based on proven **Arista EOS®** (Extensible Operating System) control plane and **CloudVision®** management plane software for consistent operations across network domains.

Availability

The Arista 750 Series and 720 Series 96 port switches are shipping in Q4 2020.

- CCS 750 Series Highlights
    - First modular campus systems with 100G uplinks for a total of 400G of capacity
    - High-density 1G to 10G and 90W PoE, enabling long term investment protection
    - 5-slot system supports up to 240 ports with 5 line cards in just 7 rack units
    - 8-slot model allows up to 384 ports with 8 line cards in just 10 RU
    - Resilience at every level
- CCS 720 Series 96 port Highlights
    - Delivers higher capacity than fixed 1U systems
      96 mGig ports with 60W PoE
    - 25G and 100G uplinks for simpler deployments in modern campuses

Register **here** to learn more about Arista's Cognitive Campus Workspaces, including the 750 Series at our webinar on November 12, 2020.

Read more about this announcement on Andy Bechtolsheim's blog **here**

Learn more about Arista's Cognitive Cloud Networking portfolio **here**.

About Arista Networks

Arista Networks is an industry leader in cognitive cloud networking solutions for large data center and campus environments. Arista's award-winning platforms deliver availability, agility, automation analytics, and security through CloudVision® and Arista EOS®, an advanced network operating system. For more information, visit **www.arista.com**.

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owners. Additional information and resources can be found at **www.arista.com**. This press release contains forward-looking statements including, but not limited to, statements regarding cost savings, performance, reliability, security and efficiency. All statements other than statements of historical fact are statements that could be deemed forward-looking statements. Forward-looking statements are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in the forward-looking statements, including rapid technological and market change, customer requirements and industry standards, as well as other risks stated in our filings with the SEC available on Arista's website at **www.arista.com** and the SEC's website at **www.sec.gov**. Arista disclaims any obligation to publicly update or revise any forward-looking statement to reflect events that occur or circumstances that exist after the date on which they were made.

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Source: Arista Networks