

Arista Introduces Massive Scale Campus Mobility

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Powered by Arista VESPA and expanded AVA for operational excellence

SANTA CLARA, Calif.--(BUSINESS WIRE)-- Arista Networks (NYSE: ANET), a leading provider of cloud and artificial intelligence **(AI) networking solutions**, today announced significant advancements for **Cognitive Campus** scale including the introduction of Arista Virtual Ethernet Segment with Proxy ARP (Arista VESPA) for WLAN mobility, enabling customers to deploy large-scale mobility domains. The company also announced an expansion of Arista AVA® (Autonomous Virtual Assist) agentic AI, designed to further streamline AI Ops use cases as well as key additions to its campus switching portfolio that bring the power, reliability, and operational simplicity of **Arista's EOS®** (Extensible Operating System) to outdoor environments.

"Arista is experiencing continual momentum in the campus, as customers see the benefit of a single, consistent network experience across all domains, including the AI and data center, cloud, campus, branch, and enterprise WAN," said Todd Nightingale, President and COO for Arista. "By applying AI principles through Arista EOS, a unified data lake (NetDL®) and now AVA, Arista is helping to unburden customers from vendor silos and tool sprawl, while reducing complexity to deliver best-in-class user experience with an always-on network."

Scaling Campus Mobility

Arista VESPA addresses critical scaling limits faced by major enterprises as they experience exponential growth in the number of clients and IoT devices. By bringing consistent, large-scale principles typically used in the data center to campus networks, Arista VESPA enables customers to design massive Wi-Fi roaming domain networks with over 500,000 clients. This ensures a highly resilient architecture with sub-second failover while removing the architectural complexity and hardware dependency of traditional controller-based solutions.

"As one of the largest public universities, the ASU Wi-Fi environment has to support a vast and dynamic campus community. In transitioning to Arista's controller-less Wi-Fi, we've partnered with them to help shape and validate the development of Arista's VESPA architecture — a standards-based approach designed to provide a seamless

wireless roaming domain that improves connectivity across the university," said Jorge De Cossio, Senior Director, Digital Infrastructure, Enterprise Technology for Arizona State University.

AI for Networking with AVA

AVA now delivers a truly unified agentic AI framework for networking, establishing a foundation for autonomous, self-driving networks. This provides operational simplicity and proactive intelligence into AIOps, fundamentally transforming how campus networks are managed.

Powered by Arista EOS, AVA provides the open, programmable interface necessary for AI agents to interact with the network, while NetDL serves as the central, comprehensive repository for all network and related data, including that from third-party partners.

This combination creates a single source of truth and the necessary context that enables AI agents, whether from Arista or third parties via the Model Context Protocol (MCP), to make truly intelligent, informed decisions across the entire infrastructure. These foundational elements enable AVA's expanded capabilities, including:

- Multi-domain Event Correlation across wired, wireless, data center, and security to pinpoint a single root cause.
- Agentic Conversational and Troubleshooting Capabilities in Ask AVA for sophisticated, multi-turn dialogue that follows your train of thought.
- Continuous Monitoring and Automated Root Cause Analysis for proactive issue identification.

Cognitive Campus for the Industrial Edge

Arista is also introducing two new ruggedized platforms, **710HXP-28TXH** and **710HXP-20TNH**, expanding Arista's portfolio to support demanding industrial or outdoor environments across various sectors.

The new platforms include:

- A 20-port Din Rail switch with an IP50 rating.
- A 1RU 24-port switch with an IP30 rating.

Both platforms are specifically engineered for harsh environments and can withstand extreme temperatures, vibrations, and shocks. Equipped with multi-gig and high-power 90W ports, they are designed to support next-generation devices such as Wi-Fi 7 access points and high-powered outdoor security cameras. By supporting Arista EOS and CloudVision, these ruggedized switches ensure a single, consistent operational model.

All the newly announced software capabilities and switch platforms are expected to be generally available by Q1' 2026.

Read more about today's announcement in a **BLOG** authored by Kumar Srikantan, VP and GM Campus and Sriram Venkiteswaran, Senior Director, Product Line management. Join us for a webinar on January 22, 2026. Register **HERE**.

About Arista Networks

Arista Networks is an industry leader in data-driven, client-to-cloud networking for large AI, data center, campus, and routing environments. Its award-winning platforms deliver availability, agility, automation, analytics, and security through an advanced network operating stack. For more information, visit www.arista.com.

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