

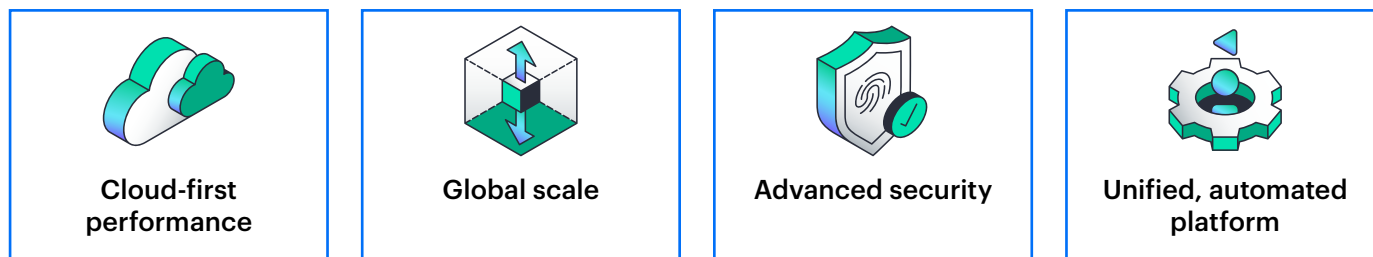
# 4 key advantages of HPE Aruba Networking unified SASE

Deliver performance, scale, and zero trust  
everywhere—without operational sprawl

As organizations shift to SaaS, multi-cloud, and hybrid work, the network has become the delivery mechanism for user experience—and the control plane for zero trust. But many security and networking programs stall at scale because they rely on disconnected products: multiple consoles, inconsistent policy, manual tunnel stitching, and gaps for unmanaged/IoT devices.

HPE Aruba Networking unified SASE changes that. It brings secure SD-WAN and cloud-native SSE into **one integrated solution**, paired with AI-powered network access control (NAC) capabilities, so that teams can improve application performance, reduce operational overhead, and strengthen security with consistent policy enforcement from edge to cloud.

## The key advantages of HPE Aruba Networking unified SASE



### 1. Cloud-first performance for modern applications

Cloud-first performance is ultimately a business metric: faster SaaS and collaboration experiences improve productivity, while predictable application behavior reduces escalations and costly “shadow IT” workarounds.

HPE Aruba Networking EdgeConnect SD-WAN is designed for cloud-first traffic patterns, so SaaS and public-cloud applications can perform consistently without unnecessary backhaul.

#### Key features

- **First-packet application intelligence:** EdgeConnect SD-WAN identifies thousands of applications and domains on the first packet and applies business intent immediately. Trusted cloud traffic breaks out directly to the internet, while other traffic is automatically steered to SSE for inspection, balancing performance with protection.
- **Native integrations with major cloud providers:** Integrations with AWS, Microsoft Azure, Google Cloud™, and connectivity partners improve branch-to-cloud reliability and responsiveness, supporting hybrid architectures and multi-cloud strategies.

#### What it enables in practice:

- **WAN modernization:** Transition from MPLS to more flexible, cost-effective internet connectivity, without losing predictability for critical apps.
- **Business Intent Overlays:** Define requirements in terms of application performance and business priority, then let the platform enforce intent dynamically without complex routing operations.
- **Tunnel bonding and dynamic steering:** Aggregate multiple links into a single logical overlay and automatically shift traffic during degradation or failure.
- **Path Conditioning and AppExpress:** Mitigate loss, jitter, and latency with techniques such as Forward Error Correction and packet order correction. Continuously monitor experience and select optimal paths when conditions change.
- **WAN optimization:** Improve responsiveness for distributed users and constrained links using acceleration, compression, and deduplication.

## 2. Global scale built for low latency and resilience

For global organizations, scale is about more than coverage, but also consistent user experience, business continuity, and the ability to onboard new sites and users quickly.

HPE Aruba Networking unified SASE PoPs (Points of Presence) are built on hyperscaler infrastructure (AWS, Microsoft Azure, and Google Cloud) and span **500+ global edge locations**, keeping users close to security controls and reducing latency.

### Key features

- **Smart routing and co-resident services in each PoP.** Multiple PoPs work together to select the best path, and co-located services enable fast failover and fallback so users stay anchored to the nearest edge. Security services scale elastically to meet demand, supporting resilience during traffic spikes and helping reduce capacity-planning effort.

## 3. Advanced security that extends zero trust to every device

Zero trust succeeds when identity, device context, and access policy are enforced consistently, across remote and on-premises users, managed and unmanaged devices, and internet and private applications.

HPE Aruba Networking unified SASE unifies controls so that coverage does not depend on stitching together point products.

### Key features

- **Cloud-native SSE with one policy model:** SWG, ZTNA, CASB, and DEM are delivered through a single policy engine and user interface. Policies are defined once and enforced everywhere, consistently.
- **Integrated protection at the branch:** For sites that need local enforcement, next-generation firewall capabilities are embedded into the SD-WAN fabric, delivering stateful firewalling, IDS/IPS, segmentation, URL filtering, and adaptive DDoS protection. This helps to reduce reliance on standalone branch firewalls and standardize security from campus to cloud.

- **Agentless protection for unmanaged and IoT devices:** Many environments include devices, such as IoT, that cannot run endpoint agents (printers, cameras, sensors etc.). With deep SD-WAN integration to cloud-delivered SWG, HPE extends protection against web-based threats to a broader attack surface, including IoT devices, by using a dedicated tunnel from the edge to a SWG service, eliminating the need to install an SSE agent on each device.
- **AI-powered NAC for adaptive zero trust:** AI-powered NAC paired with HPE Aruba Networking unified SASE accurately profiles managed and unmanaged devices, and delivers micro-segmentation to isolate traffic of unmanaged devices from mission-critical application traffic, reducing risks of security breach. This closes a common security gap stemming from unmanaged devices in traditional SASE approaches.

## 4. A unified, automated platform that reduces operational friction

For many organizations, the biggest SASE cost is not licenses, but the ongoing integration and operations required to keep networking and security aligned. Unified SASE is not just about having SD-WAN and SSE. It's about how tightly they work together day to day.

### Key features

- **Seamless integration:** HPE Aruba Networking unified SASE enables native, automated integration between EdgeConnect SD-WAN and HPE Aruba Networking SSE. The result is faster rollouts, fewer change-related incidents, and a platform that's easier to operate at scale.
- **AI-driven operations (AIOps):** The SASE copilot applies AI analytics and natural-language queries to streamline configuration and troubleshooting.

## Eliminate the risk and complexity of fragmented stacks

HPE Aruba Networking unified SASE is designed for cloud-first, hybrid enterprises that want to eliminate complexity and risk. By integrating secure SD-WAN, cloud-native SSE, and AI-powered device intelligence, organizations can deliver cloud-first application performance, operate at global scale, strengthen zero trust security for managed and unmanaged devices, and automate day-to-day operations.

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