Technical brief

Accelerate deployments and innovation with universal visibility and control

Deliver secure, connected experiences with security-first, AI-powered networking

Whether you are starting or accelerating digital initiatives, you and your network could be pushed to address not just the projects of today but the needs of future initiatives. More users, devices, and apps are connected to the network than ever before, and they are accessing data and applications from the campus wired and wireless networks, data center, remote branches, home offices, and SD-WANs.

With so many moving parts, security threats, and the increased reliance on the network, networks are stretching IT resources. You need intelligent automation in a cloud networking platform that identifies what is connected to the network and offers proactive insights and integrated security. An intelligent, centralized platform can help you better control, segment, and scale the network.

Simplify the future with a flexible pay-as-you-grow model

Having universal network visibility and control means accelerating the benefits of network automation from edge to cloud. You gain a single point of visibility and control that unifies infrastructure operations across wired, wireless, and wide area networks. Onboarding clients to these networks and making accurate network changes are only two of the many IT configuration tasks that can be automated at scale. And once onboarded, all users have consistent digital experiences.

At the same time, you can reduce your exposure to security threats — even from hard-to-manage IoT clients. Applying Dynamic Segmentation and Zero Trust Network Access (ZTNA) controls ensure you know who or what is accessing the network and how the devices interact with the network.

Tamping down risk and boosting automation is financially achievable with an as-a-service subscription or a mix of OpEx and CapEx. With consistent monthly payment options, you can more easily and predictably add new sites and digital programs, supporting your business growth.

The benefits of universal visibility and control

Without a cloud-based, modern networking platform, gaining full network visibility and control can be challenging. The swell of apps, the variety of users and devices, the rapidly expanding data sources from acquisitions, mergers, and business growth create more complexity than traditional networks can handle.

Often, you'll see signs that the time is now to modernize your network and get rid of the overly complicated fragmented network. Signals to watch for are:

— Inconsistent application performance and availability
— More questions than answers about connected devices
— Cameras, sensors, and IoT devices that cannot expose their identities or characteristics
— Inability to scale efficiently
— An IT team overwhelmed by manual tasks and day-to-day operations

Realizing universal visibility and control from edge to cloud

A modern network with universal visibility and control is within reach. Rather than modernizing your network at a future point, you can do it now. You can increase security, efficiency, and visibility now with an AI-powered cloud network platform that elevates your enterprise network with simplified operations and proactive insights.

- Manage access to all private apps, software as a service (SaaS), and internet with **simplified controls through a single pane of glass**
- Optimize connectivity, performance, and diagnostics with **AIOps and automation**
- Automate provisioning and optimization through a **self-aware infrastructure**
- Grow the network when needed and upgrade as a monthly subscription using a **network-as-a-service model**

Improve security, reliability, and visibility with HPE Aruba Networking

To gain universal visibility and control as you build out your edge to cloud network, take these steps.

Step 1

Manage and secure any size network from the cloud

The unified management console in HPE Aruba Networking Central allows the operations team to manage your wired and wireless networks, branch, remote, and SD-WANs from any location. When they have AI-powered, automated event correlation and troubleshooting insights at their fingertips, they can speed mean time to resolution and help ensure exceptional user experiences. They can also leverage proactive responses and troubleshooting tips from the learnings from data points on millions of devices.

Step 2

Optimize IT and end-user experience

The automated deployment and management tools in HPE Aruba Networking Central speed operation from Day 0 to Day N. Onboarding, data center ops, service provisioning, and so many more daily tasks are streamlined with Zero Touch Provisioning, AI-powered network optimization, and common tools across wired and wireless networks. The simplified network operations enabled by HPE Aruba Networking Wireless Access Points mean more automated and end-user-friendly workflows become available to use instantly.

Step 3

Pay for what you deploy* and grow to what you need

With HPE GreenLake for Networking, you can realize the proven benefits of network as a service. It allows you to flexibly add services and capabilities, plus expand the footprint of your network — at a fixed, predictable monthly cost. Also, you can gain efficiencies with managed services that offload the repetitive and menial tasks of day-to-day network operation so that the IT team can focus on new programs.

* May be subject to minimums or reserve capacity may apply.

Why HPE Aruba Networking at the edge?

Work smarter — not harder — on your digital transformation journey. A security-first, AI-powered network will propel your organization toward future success. The modern network will accelerate technology adoption, improve end-user experience, and reduce cyber risk.

The common network and security foundation with HPE Aruba Networking helps you optimize user experiences, unlock higher performance, and keep up with evolving threat landscapes. These are built on Zero Trust principles and available for flexible, as-a-service consumption to help accelerate your network and your business.

Learn more at

HPE connected edge

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