

DXC Intent Based SD-WAN

Through DXC Technology and Hewlett Packard Enterprise

Why DXC?

- DXC Technology is a leading global systems integrator providing end-to-end services in network consulting and advisory, network modernization and network reliability operations.
- Powered by HPE Aruba Networking EdgeConnect, DXC's solution transforms the traditional WAN into an intent-based SD-WAN that delivers exceptional performance, security and scalability.
- A ready-to-roll-out jumpstart kit includes reference architecture and design, zero-touch deployment methodology and end-to-end managed service.
- Our 2,500+ network professionals in 17 countries are experts in managing next-generation network solutions.
- Our proven transformation approach uses accelerators such as DXC's Network Modernization Director, standard DXC reference architectures, Center of Excellence labs, Network Digital Twin, and EoX Advisor.
- We have experience transforming and operating large global SD-WANs for multiple customers, including DXC's own corporate and data center network.

Enterprises rely on their wide area networks (WANs) to securely connect their customers, users and branches to on-premises or cloud-hosted data centers, SaaS applications and public cloud resources. The costs to operate and maintain the traditional WAN have increased significantly — as has the complexity of managing this critical service — due to explosive growth in cloud-based applications and internet-based traffic.

DXC Technology has collaborated with Hewlett Packard Enterprise to build a turnkey, next-generation software-defined WAN (SD-WAN) solution, powered by HPE Aruba Networking EdgeConnect. DXC Intent Based SD-WAN adapts to growing and changing requirements and lowers the cost of ownership for enterprises.

DXC Intent Based SD-WAN offers enterprises an end-to-end secure, global, carrier-neutral SD-WAN service, backed by global IT and systems integration leader DXC and global SD-WAN technology leader Hewlett Packard Enterprise.

A new secure and scalable framework for enterprise WAN

The new WAN requires features and functionality that meet today's key business challenges:

- Addressing the increasing cost of traditional WAN connectivity
- Ensuring consistently high application performance
- Supporting scale for rapid growth and deployment of sites/branches
- Optimizing WAN connectivity to SaaS and IaaS cloud services
- Securing applications from anywhere, including from hybrid work locations

- Delivering a better end user experience

Selecting the right SD-WAN solution and services to address these challenges is an important step in the transformation to a cloud-ready software-defined network enterprise.

How it works

DXC Intent Based SD-WAN is built on:

- **Adaptive application and internet routing.** The First-packet iQ packet inspection engine enables granular and secure breakout of internet-bound traffic to the correct path based on application-driven business and security policies by identifying the application type and giving priority to critical applications — enhancing overall performance and user experience.
- **Optimized application performance and traffic management.** Business policy definitions for WAN enable traffic to be modeled in line with application needs. The policies are defined across different parameters, including latency, jitter, packet loss and underlay path selection, ensuring high performance and high availability for real-time applications such as voice and video.
- **Secure Edge — SASE/SSE.** Support for SASE/SSE framework with SD-WAN service orchestration and API automation.
- **Zero-trust environments.** Stateful firewall capabilities and end-to-end segmentation that span the LAN-WAN-LAN and the LAN-WAN-data center provide additional application security, enabling a zero-trust framework.

30%

possible lower cost of connectivity from underlay optimization

48%

average reduction in application latency across deployments

40%

increase in SaaS application performance

- **On-ramp to multicloud services.** Automated SD-WAN edge-to-cloud integration with hyperscalers (Azure, AWS, Google Cloud Platform) and telco carriers enables simple and secure connectivity from branch locations directly to SaaS and IaaS applications.
- **Unified WAN optimization.** Integrated WAN optimization leveraging HPE Aruba Networking Boost accelerates latency-sensitive applications and reduces transmitted data for data-intensive applications such as disaster recovery and backup.
- **Simplified management and operations.** Automated central network orchestration drives workflow-based configuration and reduces the risk of errors. Based on the configured policies, it enables an auto-heal network that automatically detects network issues and adjusts traffic routing as needed.
- **High performance.** See application performance increases ranging from 25% to 75%, depending on the underlay selected.
- **Transformation at speed and with zero risk.** Leverage the power of DXC Modernization Director to plan and execute your transformation with zero risk.
- **Enhanced security.** Get embedded encryption, micro-segmentation, advanced threat defense, SSE integration and consistent policy enforcement across the enterprise.
- **Simplified operations.** Get greater visibility, centralized control and integration with DXC Platform X™ for efficient operations and quick resolution.
- **Automation at the core.** 100% configuration and security policies deployment through a fully integrated orchestrator (HPE Aruba Networking SD Wan Orchestrator).
- **Safe pair of hands.** Our global workforce, supported by our strong partner ecosystem, has the experience and certification to guide your organization on its end-to-end transformation journey.

Benefits

The integration of DXC's expertise, accelerators and tools with the powerful HPE Aruba Networking EdgeConnect portfolio yields an agile, secure and cost-effective solution. Key outcomes and benefits include:

- **Reduced cost.** DXC Intent Based SD-WAN drives underlay optimization that can lead to cost savings of 30%.

Learn more at dxc.com/it-outsourcing/network

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About DXC Technology

DXC Technology (NYSE: DXC) helps global companies run their mission-critical systems and operations while modernizing IT, optimizing data architectures, and ensuring security and scalability across public, private and hybrid clouds. The world's largest companies and public sector organizations trust DXC to deploy services to drive new levels of performance, competitiveness, and customer experience across their IT estates. Learn more about how we deliver excellence for our customers and colleagues at [DXC.com](https://dxc.com).