



DXC Intent-Based SD-WAN Solution

Differentiators

- Fully end-to-end managed service
- AI-driven analytics and hyperautomation
- Proven industrialized transformation approach
- Global follow-the-sun support model

DXC, one of the world's largest global system integrators, partners with multiple vendors to provide secure SD-WAN service capabilities, uniquely addressing the dynamic WAN requirements of today's multicloud enterprises.

SD-WAN is a transformational approach to simplify branch office networking and enables enterprises to benefit from the highest quality performance for business-enabling applications, including voice and video over any transport.

This DXC managed SD-WAN service is a secure, end-to-end, global, transport-agnostic solution. It applies real-time application-aware traffic steering, with centralized orchestration using a simplified cloud-hosted architecture.

DXC Platform X™ AI/ML integration modernizes visibility, insights and control to deliver hyperautomation with scalable services.

The DXC Intent-Based Managed SD-WAN Solution enables enterprises to leverage the benefits of a managed SD-WAN to support business transformation initiatives.

Cost optimization

- Reduce TCO by automation and virtualization
- Optimize bandwidth utilization.
- Lower transport expenses

Enhanced application performance & user experience

- Real-time visibility and control
- Dynamic application-aware traffic steering
- Cloud Infrastructure (IaaS) and SaaS provider peering

Transformation at speed

- Zero-touch provisioning
- Simplified cloud-hosted architecture

Reliable and secure operations

- DXC Platform X™ integration
- Traffic encryption and segmentation
- In-built NGFW capabilities
- Enterprise level security and SD-WAN in 1 Box Solution



Software Defined Local Area Networks

DXC SD-LAN

Why DXC

- DXC is the world's leading independent, end-to-end IT services company. We are uniquely positioned to provide greater value for clients.
- DXC leverages an extensive partnership with Cisco to collaborate and co-develop next-generation solutions and deliver at scale.
- DXC has 2,500+ network professionals located near our customers and in leveraged delivery centers globally, with expertise in managing next-generation network solutions.
- DXC provides the service fully end to end.
- DXC has a proven industrialized transformation approach with DC's Modernization Director.
- We have consulting expertise to provide deep analysis using DXC's Digital Twin..
- We have DXC-exclusive IP and tools coupled with continuous innovation.

As organizations provide more flexibility for users and devices to connect to corporate networks, they often find that significant enhancements to their branch network environments are required. Some of the major challenges are to make the branch networks able to identify users and devices, provide the right level of trust and access, and be flexible and agile to adapt to new requirements.

DXC is partnering with Cisco to build a scalable Software Defined LAN solution which provides central orchestration enhanced with zero-trust macro and micro segmentation to simplify, modernize, automate and secure the LAN/WLAN at lower TCO.

Increased requirements

The quantity and variety of end-devices is growing rapidly. This creates significant challenges for branch networks based on traditional LAN and WLAN architectures. There is a need to identify users and apply the appropriate trust level, considering the connectivity medium as well as the type of device.

Identifying and applying the appropriate trust level needs to be available in a flexible and agile way, to accommodate changing business requirements. Traditional branch networks are slow in adapting to changing business requirements and typically rely on a lot of manual configuration work, which is costly and time consuming.

Next to knowing who is connecting, and where and how, there is also a need to understand how users and devices are experiencing applications and services provided over the branch network. This is key to proactively identifying and remediating potential service issues.

DXC SD-LAN

The inherent architectural complexity in many existing environments results in high operational complexity and cost, and lacks the ability to scale.

DXC SD-LAN reflects enterprises' changing business needs, which require a centrally orchestrated, secure and agile branch network

DXC SD-LAN provides enterprises with a centrally orchestrated and automated software-defined LAN and WLAN service, with integrated segmentation, unified access and lower TCO.

94%

Reduction in cost to manage and optimize network policies

67%

Reduction in network provisioning time

80%

Reduction in time to resolve issues

Technical improvements

DXC SD-LAN is a modern network environment with an architectural model that is scalable and provides a range of benefits, such as:

- A highly efficient infrastructure using centralized orchestration and automation.
- Increased resilience based upon fabric architecture to improve reliability.
- Integrated wired and wireless for a uniform, consistent and accurate access privilege level across all connectivity methods for users and devices.
- Simplified, agile network and security operations.
- No compromise between performance and security.

At the center of DXC SD-LAN is the Cisco Catalyst switching platform, Cisco Wireless LAN Controllers and Cisco Next Generation Access Point. Cisco Identity Service Engine controls the network access policies throughout the SD-LAN fabric domains, enabling a consistent and simplified security architecture.

Centralized orchestration with Cisco DNA-Center combines all Cisco Catalyst switches.

Wireless LAN Controllers and Next Gen Access-Points are integrated into a single fabric, simplifying and accelerating network provisioning, and enabling automation of various configuration and lifecycle events. The centralized Controller also enables deep insights in traffic flows, end-device and application performances in real-time and historical fashion.

Why DXC?

- Decades of experience in consulting and advisory across all industry verticals allow us to perform deep dive assessments using DXC Digital Twin.
- An agile, industrialized approach accelerates transformation using DXC's Modernization Director.
- AIOps and Data Analytics utilize DXC's Network tools platform.
- DXC's strategic partnership with Cisco allows us to collaborate at the highest levels to deliver products and services that enhance platform capabilities to the benefit of our customers.

Conclusion

The integration of DXC expertise and tools, plus the powerful Cisco portfolio, yields an agile, secure and cost-effective Software Defined LAN solution for enterprises of all sizes. These benefits include:

Micro and macro segmentation

The embedded segmentation capability based on Cisco Trustsec allows for macro and micro segmentation within the branch network, improving security and control.

Centralized orchestration

Centralized orchestration combines all branch network devices (switches, wireless LAN controllers and Next Gen APs) into a single secure fabric, simplifies troubleshooting, provides enhanced insights and enables centralized policy management.

Reliable and secure operations

Using DXC Platform X™ and leveraging automation, analytics and AIOps capabilities, DXC is providing world-class network management services to hundreds of customers globally.

Cost optimization

The DXC SD-LAN simplifies branch network and security architecture - saving costs with improved security features.



DXC Business Collaboration using Cisco Webex

Cloud collaboration helps delivering features at a faster rate without the requirement for maintenance windows or complex upgrade processes. DXC Business Collaboration offers encrypted and secure calling delivered on best-in-class cloud infrastructure.



Overview

DXC Business Collaboration is built for an agile workforce, enabling calling anywhere and anytime. Cloud collaboration enables global reach without costly on-premises infrastructure, providing scalability and efficiency, DXC Business Collaboration enables cloud calling for organizations of any size with trusted reliability. It also offers advanced integration capabilities that utilize existing on-premises PBXs, making it easier for both on-premises and cloud users to connect and experience high-quality audio and video.

With global regulatory expertise and compliance across all markets served, the Cloud Calling platform implements audited and professional security practices.

Business challenges

Today's modern workforce expects a modern workplace. They are highly collaborative, engaging with each other and in flexible groups via audio, video, messaging and content sharing. They require a comprehensive collaboration solution that gives them the flexibility to connect their own way.

- Getting jobs done in multiple locations, at office, at home, in conference rooms and on the road over “Webex Go” or a “Webex App.”
- Single platform strategy to deliver a unified and agile communications experience, securing applications from anywhere, including from hybrid work locations.
- Core enterprise requirements – reliability, governance, security and budget realities.
- Delivering a better end-user experience.
- Selecting the right Cloud collaboration solution provider capable of addressing all these business challenges is an important step in the transformation to a cloud-ready enterprise.

Cloud collaboration value proposition

Adoption of cloud collaboration continues to grow among enterprises. As per industry analysts cloud collaboration is expected to grow at an annual growth rate (CAGR 2023-2027) of 13.81%, resulting in a market volume of US\$881.80bn by 2027.



Key tenets of the DXC Business Collaboration are as follows:

- **Enhanced user experience** - Deliver compelling user experiences by delivering cloud-enabled services, innovative support solutions, automation and self-service experiences.
- **Drive TCO and CAPEX reductions** - Leverage the cloud-based architecture and scale to reduce overall TCO and CAPEX.
- **Built-in security** – Provide deeply integrated end-to-end security - encrypting all data in transit and at rest for apps and devices deployed both inside and outside the enterprise.
- **Faster deployment and transition** - Deployment is carried out with multiple automation tools at various levels, which in turn reduces deployment and transition timelines.
- **Reliability** - Designed with a service level objective of 99.99% availability, deployed in geo-redundant design (within the same geographic region).
- **Operational autonomy** - Continuously improve and advance digital infrastructure management capabilities to keep pace with the speed of technology change through the service improvement program, innovation council and DXC's "automate everything" Platform X™ solution.

Why DXC? Differentiators

- **Support and services** - Global operations follow-the-sun support model provides fully end-to-end managed services with a proven industrialized transformation approach. DXC Managed IT Services can support your critical IT systems, including managed security, networks and backups, without the cost and hassle of doing it in-house.
- **Customized planning and Implementation** - We have the tools and support to deliver professional services including solutions architects for customized planning and seamless transition to the cloud without compromising security or efficiency.
- **Innovation** - Resource are invested in meaningful product improvements.
- **Automation** – DXC Platform X™ is our data-driven intelligent automation platform that enables customers to accelerate their journey to resilient, self-healing IT across their entire IT estate.
- **Partnership** – DXC has been recognized as Cisco's gold partner.



DXC's Business Collaboration offerings and migration services will help our customers make a smooth transition from on-premises to a cloud collaboration solution. DXC has experience and insight into both on-premises and cloud collaboration, and has put a lot of thought into the cloud transition and migration path. At the core of this is an optimized strategy that evolves on-premises IP PBXs with DXC cloud calling, collaboration and control.

Flexible path to the Cloud Collaboration solution

- **Hybrid deployment and cloud transition** - Hybrid deployments allow on-premises Cisco Unified Communications Manager (CUCM) and third-party PBXs to be connected to the Webex dedicated instance (Cisco UCM Cloud) and Webex Calling (Multi-Tenant) cloud with a single unified user experience. It also provides cloud-based integration and management of enterprise-wide dial plans, least-cost routing and user profiles. It protects on-premises investments while enabling a path to the cloud at the enterprise's own tempo - migrating some locations/users/workloads to the cloud while keeping some on-premises.
- **Flexible commercial model** - The Cisco Collaboration Flex plan includes calling and meeting functionality and provides access to Webex Teams at no charge (depending on subscription selected). Get cloud, on-premises and hosted collaboration in a user-based subscription. You can buy calling, meeting and team collaboration services for all employees, or simply purchase what you need today and grow at your own pace. With the Flex Plan, one agreement includes software, upgrades and support.
- **Peering and connectivity** – Enterprises can establish a private connection to Webex Cloud either through direct peering or via Equinix Cloud Exchange (ECX). Peering is required in each geographic region where service is provided to customers and it could be through MPLS, VPN, SD-WAN, fiber connect or Webex Edge Connect.
- **Flexible PSTN options** – Enterprises can purchase a voice plan from Cloud Connected PSTN Provider (CCPP) or leverage their existing–provider through bring-your-own carrier (BYOC) option. BYOC is supported either through a local PSTN gateway or through a direct connection via the Webex cloud. DXC helps customers procure and provision PSTN through a certified SIP trunk provider connected directly to Cisco Webex cloud.

DXC transformation approach

- **Assessment** – Determine all the communication and collaboration infrastructure and services being used in your enterprise today.
- **Determine and design your end state** – Create the ideal communications and collaboration environment for your organization - considering different personas, business unit needs, security protection and compliance regulations as today's workstyles require new user experiences.

- **Reduce complexity and retain assurance** – Consider an environment that unifies the user experience, yet accommodates different modalities of working in-office, remote and mobile; individually, in groups, and in different work modes - working meetings, presentations, creative collaboration, etc. All the while retain administrative oversight of use, quality, security and compliance.
- **Transition and migration** – Today, on-premises, hybrid, and cloud can be seamlessly mixed and matched to allow enterprises to make the transition at their own pace.
- **Operations** – All DXC managed services will be delivered remotely from DXC's Network Operations Centers, with a (NOCs) global delivery model, and dedicated instance services will be monitored 24x7x365.

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Conclusion

In summary, today's cloud calling integrated in a unified collaboration suite increase productivity, reduces complexity and costs, free up IT resources to focus on your core business, and increases security and the value of your communication services.

Get the insights that matter.
dxc.com/optin



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).