

5 use cases for Cisco SD-WAN

As enterprises move applications to the cloud, applications and data need to be accessible from anywhere with security and speed. Only Cisco SD-WAN delivers applications to users and devices across any cloud without compromising on security, visibility, or performance.



1

Secure automated Software-Defined WAN (SD-WAN)



Enterprises are looking for an agile controller-based solution that meets the performance and security requirements of today's workplace. Cisco SD-WAN provides comprehensive on-premises and cloud-based security, enabling enterprises to transition to a Secure Access Service Edge (SASE) architecture where and when it is needed, in a secure and agile manner.

- Drive business agility with on-premises security and a cloud-delivered SASE model that best fits the need of organizations.
- Ensure end-to-end visibility, segmentation policy management, and security enforcement across the network with a single WAN fabric.
- Enable full integration with the cloud-delivered Cisco Umbrella platform for a truly zero-touch experience.



58% faster implementation of policy and configuration changes¹



65% lower cost of connectivity

2

Application performance optimization

Design a global network where critical enterprise applications always maintain the highest Service-Level Agreements (SLAs) and optimal performance, even if problems occur in the network.

- Visualize in-depth analytics and historical insights for troubleshooting and root-cause analysis with a single dashboard.
- Mitigate network issues in real time with automated dynamic path selection, which automatically steers critical applications around network problems.
- Route traffic more efficiently using URL categorization to create separate policies around specific types of Microsoft 365 traffic.
- Access multiple clouds using a single WAN fabric to securely connect users to cloud applications from anywhere



Average 48% reduced application latency across major deployments¹



100% application uptime during hurricane blackouts for a national food distributor²

3

Direct Internet Access (DIA)

DIA optimizes branch workloads while increasing security and improving application performance. The result is efficient and cost-effective secure access to the network.



- Accelerate to a SASE architecture with the cloud-delivered Cisco Umbrella platform, which offers protection against security blind spots and cyber threats.
- Simplify security management with integrated workflows, unified security policies, and threat insights across branches and remote workers.
- Provide the ability to segment and prioritize network traffic such as critical cloud applications, unified communications, guest access, and more.



94% reduction in unplanned downtime



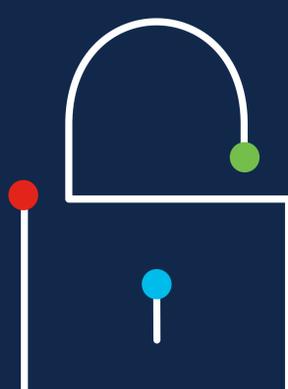
33% more efficient WAN management

4

Branch security

Cisco SD-WAN provides WAN access and helps enterprises meet compliance demands on site while offering constant protection against all cyber threats from branches to multicloud SaaS environments.

- Mitigate the latest security threats with an application-aware enterprise firewall, the Snort intrusion prevention system, powerful encryption performance, URL filtering, AMP, and more.
- Ensure a consistent Quality of Experience (QoE) and predictable performance for critical applications.
- Meet data compliance requirements in every major vertical, including highly regulated industries such as financial services, healthcare, utilities, and government.
- Add optional automated integration with Cisco Umbrella for a cloud-delivered SASE architecture.



38% lower 5-year cost of WAN operations



59% faster onboarding of new services

5

Multicloud access

Connect branches and a remote workforce to multicloud applications seamlessly with unified visibility and management.



- Accelerate multicloud access with Cloud onRamp tools for Software-as-a-Service (SaaS) and public cloud Infrastructure-as-a-Service (IaaS) applications.
- Optimize Microsoft 365, Salesforce, and other critical SaaS applications in real time with visibility and control.
- Automate the provisioning, workflow management, and policy enforcement for migrating infrastructure to all major public clouds, such as Amazon Web Services (AWS), Microsoft Azure, and Google Cloud.
- Consolidate cloud and Internet access into a colocation facility for a consistent, centralized security policy enforcement independent of the cloud provider.



40% improvement in Microsoft 365 performance



Public cloud migration completed in 1 week (estimated 12 months) for a large tech company

Only Cisco can provide integrated, end-to-end security across your WAN, branch, and multicloud.

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Take advantage of the latest innovations in digital transformation solutions from our industry-leading partners. Whether you're in a large enterprise, a small business, or somewhere in between, you'll find the right technologies to help you empower employees and achieve greater business resiliency.

Sources:

1. Business Value of Cisco SD-WAN Solutions: Studying the Results of Deployed Organizations, IDC, April 2019.

2. Enterprise Grade SD-WAN, Cisco, 2019.

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