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The bridge to possible

Cisco SD-WAN

A hybrid multicloud world is inevitable. The complex architectures behind our most important applications present sincere challenges to the IT teams responsible for Wide Area Network (WAN) management. IT must balance consistent application delivery, optimize and troubleshoot cloud connectivity, and fortify the security of a highly distributed environment. The scattered nature of hybrid infrastructures extending from WAN to cloud through different provider workflows makes it difficult to gain comprehensive visibility into applications and infrastructure, preventing failure resolution, risk management, and resource forecasting.

Cisco SD-WAN simplifies the transformation

Cisco® SD-WAN is a cloud-delivered overlay WAN architecture connecting branches to data centers and multicloud environments through a single fabric and single pane of glass. Cisco SD-WAN helps ensure a predictable user experience for applications optimized for SaaS, IaaS, and PaaS connections. Comprehensive on-premises and cloud-based security protect against cyberthreats while enabling IT teams to accelerate the transition to a secure access service edge (SASE) architecture where and when it is needed. Analytics capabilities deliver the visibility and insights necessary to isolate and resolve issues promptly and deliver intelligent data analysis for planning and what-if scenarios. Cisco SD-WAN provides all of this and is, above all, simple to operate.

Don't struggle with your move to multicloud: Only Cisco delivers a secure, cloud-scale SD-WAN to make modern applications, migrations, and transformations simple.

Benefits with Cisco SD-WAN

Customers deploying Cisco SD-WAN have:

- **65%** lower cost of connectivity

- **38%** lower five-year cost of operations per 100 users

- **33%** more efficient WAN management

- **59%** faster onboarding of new services

- **58%** faster implementation of policy and configuration changes

- **94%** reduction in unplanned downtime

- **40%** improvement in Microsoft 365 performance

- **48%** reduction in application latency

See more Cisco SD-WAN benefits here

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Why Software-Defined WAN?

Enhanced application experience	• Predictable SLA for voice, cloud, and other critical enterprise applications • Dynamic path selection that automatically steers critical applications around network problems • Multiple hybrid active-active links for all scenarios
Pervasive security	• Complete integrated security with cloud-delivered SASE or on-premises model, depending on the business requirements and compliance needs of your organization • Fully integrated with cloud-delivered Cisco Umbrella®, offering protection against security blind spots and cyberthreats • Zero-trust foundation with authentication, encryption, and segmentation • Web security, enterprise firewall, IPS, AMP next-generation antivirus, DNS layer enforcement, URL filtering, and SSL decryption proxy
Optimized for multicloud	• Enables SD-WAN to extend to major public cloud and colocation providers with Cloud OnRamp • Automatically selects the fastest, most reliable path for real-time optimized performance with Microsoft 365, Salesforce, and other major SaaS applications • Automated workflow integration for AWS, Azure, and Google Cloud • Regionalized internet access using colocation facilities to quickly spin up new services and provide consistent policy for employees, partners, and guests across the WAN
Operational simplicity	• Full integration of unified communications, multicloud, and security into SD-WAN • End-to-end visibility, segmentation policy management, and security enforcement across the network with a single dashboard • Automation with template-based zero-touch provisioning and RESTful integration
Visibility and actionable insight	• Granular visibility into applications and infrastructure, enabling rapid failure correlation and mitigation • Sophisticated forecasting and what-if analysis for effective resource planning • Insightful policy recommendations and root cause analysis based on traffic patterns

How do you deploy Cisco SD-WAN?

- Deployed in virtual, cloud, or physical form factors with full cloud management

- In-house IT or managed service

- Pricing is based on hardware and annual subscription licenses

Consider Cisco SD-WAN (Viptela) for advanced routing and flexible deployment scenarios: https://cisco.com/go/sdwan.

Learn more about SD-WAN security: https://cisco.com/go/sdwansecurity.

Consider Cisco SD-WAN (Meraki) for lean IT environments: https://meraki.cisco.com/sd-wan.

Cisco's SD-WAN Advise and Implement Service will accelerate your deployment success.

The most widely deployed SD-WAN

- Cisco boasts large deployments in all major sectors, such as retail, healthcare, financial services, and energy, and is the most widely deployed SD-WAN across the Fortune 2000, with deployments in 70% of Fortune 100 enterprises

- Thousands of production sites in every major industry

- Rich analytics with benchmarking data across the industry

- Deployed in PCI- and HIPAA-compliant industry sectors

Cisco SD-WAN

On-premises | Cloud | Multitenant

Automation | Network | Insights | Analytics

Open | Programmable | Scalable

Any Deployment

Any Service

Branch Security · Cloud Security · Application Quality of Experience · UC, Voice and Collaboration · Cloud OnRamp

Any Transport

Satellite · Internet · MPLS · 5G/LTE

Any Location

Branch · Colocation · Cloud