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TRANSFORM YOUR WAN CONNECTIVITY & PERFORMANCE WITH CISCO SD-WAN



Premier Certified

HOW SD-WAN BRINGS WIDE-AREA NETWORKS INTO THE CLOUD ERA

The demand for businesses to expand their wide-area network (WAN) architectures is increasing at a rapid rate. With so many users looking to access applications from various different locations, and applications sitting in multiple clouds, existing WAN structure is not built to deal with this volume of traffic or complexity.

Traditional wide-area networks were designed using multiprotocol label switching (MPLS) for connectivity, where the majority of branch office traffic flows within an enterprise's intranet boundary. However, new cloud applications (SaaS), such as Microsoft Office 365 and Salesforce, and public cloud services (IaaS), like Amazon Web Services (AWS) and Azure, are transforming user traffic patterns.

These days, the majority of enterprise traffic flows to public clouds and the Internet. This requires a more sophisticated solution to maintain the integrity and efficiency of security, application performance, operations, cloud connectivity and WAN management. SD-WAN, powered by Cisco, offers an innovative way to manage and operate your WAN infrastructure. It's a cloud-based solution that delivers a rich, flexible and secure services architecture. SD-WAN (Software-defined WAN) offers businesses the visibility, control and security enhancements to manage the complexity of traffic and increased risk, thanks to its unified management solution.

Increase your application performance and user experience

Your WAN can be significantly impacted by the volume of traffic and wide array of users looking to access applications, from different sources and locations. For many large businesses, application performance and user experience will suffer as a result. By implementing Cisco SD-WAN, you can enjoy up to 4x performance from your WAN.

This cutting-edge solution enables improved user experience, whilst providing faster links and better usage and application analytics. By improving application performance, user experience and efficiency for SaaS and public cloud applications, SD-WAN increases your business agility and user productivity.

SD-WAN is the WAN solution for the cloud era, which optimises cloud and on-premises application performance thanks to real-time user analytics, increased visibility and greater management capabilities.

Gain greater visibility to manage and control your WAN

SD-WAN simplifies operations with automation and cloud-based management. This transformative network connectivity solution lowers operational costs and improves resource usage for multisite deployments. Branch office and regional data centre hub sites can be deployed and connected using either virtual or physical secure routers. WAN optimisation capabilities help deliver optimal cloud application performance,

Vohkus understands the importance of the network and the dependencies our customers place upon it. As a leading Premier Partner we offer our customers the best Cisco solutions and services with access to world class technical support and training to deliver intelligent, integrated Cisco support solutions that meets your networking needs.

ABOUT VOHKUS >>

Vohkus delivers IT enabled business solutions and services, and is a trusted technology partner for both private and public sector clients, many of whom operate across the globe.

Founded in 2001, we have quickly emerged into a leading UK Technology Company. We push the boundaries and our refreshingly agile and flexible approach has allowed us to develop a reputation for outstanding customer satisfaction, underpinned by cutting edge technology expertise and facilities.

Our capability is end2end:
Consult >>> Design >>> Supply >>> Deploy >>> Manage >>> Support

By concentrating on our clients' needs and challenges, we keep focused on the end result. We find better, more inventive, answers to business issues by getting closer to our clients and sharing ideas and knowledge – finding innovative new ways to transform their businesses.

from multiple clouds, to users anywhere in the world. Thanks to its centralised, cloud-delivered WAN architecture, Cisco SD-WAN makes it easy to scale across thousands of endpoints. The solution gives your IT team the ability to automate zero-touch deployment globally, using a single management interface (vManage). And the interface reduces network and security complexity. The key to the success of SD-WAN is the single management dashboard, which offers organisations comprehensive network visibility and control across all locations. Deploy the dashboard in virtual, cloud or physical form factors, with full cloud management, and enforce policy in real time at application level. SD-WAN enables efficient configuration and management of WAN, cloud and security, freeing up IT teams to focus on optimising key processes and implementing projects to drive growth.

ENHANCE SECURITY TO MEET CLOUD-ERA REQUIREMENTS

In an age of cloud computing, enhanced security for WAN is paramount. The key is visibility. Cisco SD-WAN offers the required level of visibility and control over traffic flowing through the network to manage the risk of threats. The software provides robust and scalable security that's easy to manage, deploy and maintain, which empowers businesses to adopt the latest cloud services. Cisco SD-WAN has been built based on the zero-trust model and multilayer security encrypts and protects all data from the WAN edge to the cloud, so you can securely connect your users to applications in minutes.

Threat prevention is enforced in the right places. You can fully integrate Cisco's world-class Talos threat intelligence centre with Cisco and Meraki SD-WAN solutions.

All of the components of Cisco SD-WAN mutually authenticate each other and all edge devices are authorised before they can enter the network. Every data packet, across data plane, control plane and management plane, that flows through the network is encrypted using secure socket layer (SSL) and IP security (IPsec) technologies.

Cisco is combining IT networking and security together like no other vendor. SD-WAN is breaking new ground for network visibility, management, performance and security, giving businesses the confidence to unleash the full potential of cloud computing.

BENEFITS

Here's a snapshot view of the key benefits offered by Cisco SD-WAN:

Application performance increase

- Up to 4x performance from your WAN
- Predictable SLA for all critical enterprise applications
- Dynamic application traffic routing for efficient delivery
- Dev opportunities through Cisco APIs

User experience improvement

- Significantly improved user experience
- Multiple hybrid active-active links for every network scenario
- Faster links, prioritising key traffic
- Better application/usage analytics to enable the right services in the right places

Security enhancement

- Application-aware policies, including firewall and intrusion prevention
- Real-time policy enforcement around network problems
- Integrated threat protection with Cisco and Meraki solutions
- Full integration into Cisco's industry-leading threat intelligence centre (Talos)

Greater management capabilities

- Unified management dashboard for configuration and management of WAN, cloud and security
- Comprehensive analytics and efficient monitoring and management capabilities
- Frees up IT teams to focus on growth projects and to streamline key processes

Simple and flexible deployment

Cisco SD-WAN can be deployed in the following form factors:

- Virtual
- Cloud
- Physical

WHY CHOOSE VOHKUS FOR IMPLEMENTING SD-WAN?

Vohkus is a Cisco Premier Partner, which specialises in Cisco Advanced Data Centre Architecture and Cisco Security Express. As an experienced IT consultancy, we provide a range of support, implementation and managed IT services using Cisco's networking, wireless, mobility and security products.

Cisco SD-WAN is currently deployed across leading Fortune 2000 enterprises, with thousands of production sites in all major industries, including healthcare, manufacturing, distribution, insurance, finance, retail, energy, logistics and government. Need any other reasons to implement SD-WAN? Your business can benefit from:

- Up to 50% reduction in WAN costs
- Improved business-critical and real-time application user experience
- Cloud-delivered overlay WAN architectures to facilitate digital and cloud transformation
- 4x improvement in SaaS response times
- Reduced deployment times for new services
- Built-in centralised management for the cloud and complete network visibility and control across all locations
- Auto VPN, smart traffic load balancing, and failover (including 3G/4G), providing security and reliability over Internet connection, without MPLS
- Faster branch deployment capabilities
- Seamless WAN extension to multiple public clouds
- Dynamic optimisation for SaaS/IaaS
- Cloud-managed security settings that can synchronise across thousands of sites
- WAN segmentation with granular policies

Is it time you transformed your networking capabilities to meet the user demands of the cloud era?

GET A LIVE SD-WAN DEMO OR FREE CONSULTATION WITH THE VOHKUS TEAM

If you want to experience Cisco SD-WAN for yourself, you can get a live one-to-one demo from the Vohkus team and see the solution in action.

Or maybe you'd like to chat the solution through with our experts? You can request a free consultation with our networking and security solutions team to discuss SD-WAN further and understand how the solution could transform your business capabilities. For a demo or consultation, send an email to us at cisco@vohkus.com Cloud-managed security settings that can synchronise across thousands of sites