

Introduction

Retail

Manufacturing

Finance

Summary



Transform Your Infrastructure

The Line to Performance

Achieve more with Cisco and Microsoft. Cisco Catalyst SD-WAN, powered by Cloud OnRamp for Multicloud with Azure Virtual WAN and Microsoft Sentinel integrations, enables hybrid cloud innovation.

Cisco Catalyst SD-WAN + Microsoft Sentinel

Discover a new level of networking

Provide exceptional application experiences in networking, security, and collaboration by transforming your infrastructure with Cisco Catalyst SD-WAN. Explore features like Cloud OnRamp for Multicloud, and seamless integrations with Azure Virtual WAN and Microsoft Sentinel. Find opportunities to securely connect cloud environments, enable hybrid work, get visibility into more threats, detect more attacks, and respond quickly.

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► [Cisco Catalyst SD-WAN Explainer](#) →

► [Microsoft Sentinel Explainer](#) →

► [Cisco Catalyst SD-WAN Cloud OnRamp Explainer](#) →

Connect thousands of global sites

Facilitate safe, flexible, efficient hybrid work

Migrate to Microsoft Azure cloud seamlessly

Industrial security

Visualize your network fabric

Enable customers and associates

Accommodate rapid growth

Compliance

Adopt consistent policies for users at any branch

[Cisco Portfolio Explorer](#)
Explore how your industry is transforming →

Case Study

Retail



This retailer needed a cost-effective way to accommodate the rapid growth of its business, and the resulting pressure on its network. With 10,000 sites around Australia, the company was experiencing average-unsatisfactory-speeds of 128Kbps. These speeds were unable to keep up with teams' daily routines, let alone meet greater goals for expansion.

Need

Merger

The retailer required a single venue to oversee multiple lines of new business.

[See how we simplify the network fabric](#) →

37 %

of enterprise architects consider WAN complexity their top challenge.

Source: Help Net Security, 2020

The benefits only start here. See what's possible with Microsoft Sentinel integration.

[Explore Manufacturing](#) →

Solution

Cisco Catalyst SD-WAN

The secure, cloud-scale architecture of Cisco Catalyst SD-WAN readily met the retailer's needs. From multi-tenancy and multi-region fabric support and flexibility in on-premises or cloud-delivered deployments, to optimizing application performance, communication, and collaboration, it simplifies WAN to handle growth with ease.

See it all in one place

Catalyst SD-WAN's centralized management platform is made for overseeing multiple mediums, including a firewall across all sites, regardless of the number of locations that require management—even tens of thousands.

Create unified experiences

Site-to-cloud, site-to-application, site-to-site. Whether applications are residing in the data center, in the cloud, or have a hybrid environment, securely extend your network fabric.

[Learn how this is made possible with support from Cisco Catalyst SD-WAN's Cloud OnRamp](#) →



We needed an approach that could provide the logical separation and support offered by Cisco's Catalyst SD-WAN router.

— APAC ENTERTAINMENT

Outcome

Greater productivity

Secure, cloud scale-architecture that's open, programmable, and scalable made deployment without speed bumps possible. The retailer successfully implemented changes across its sites, managing their geographically distributed connections in a simpler way with the help of built-in automation, multicloud capabilities, analytics, and predictivity. Intelligent operations completely improved the customer journey, enabled associates, and streamlined distribution and fulfillment.

- + Categorize sites
- + Establish templates
- + Define global policies
- + Enable the right security architecture

38 %

reduction in 5-year total costs of operations.

Source: IDC



Case Study

Manufacturing



Remote work in manufacturing is complicated—it must accommodate always-on production, and it's truly not possible for everyone to work off-site. Cloud now plays a pivotal role in shaping the industry's landscape, facilitating core functions and also encouraging innovation.

Requirements

Hybrid work must be safe, flexible, and efficient.

Need

Solution

41 %

cited providing secure access to applications distributed across multiple clouds is a top challenge.

Source: 2023 Global Networking Trends Report, Cisco

Migration made easy

Migrating services from on-prem to Microsoft Azure cloud was simplified with Cisco Catalyst SD-WAN, due to its early integration of Cloud OnRamp with Azure Virtual WAN—a hybrid WAN that supports Azure connectivity with modern transit architecture.

Microsoft Sentinel

Now available with Catalyst SD-WAN, Microsoft Sentinel shields distributed operations—from plant sensors to automation equipment to cloud tools. It helps you gain more visibility and control of suspicious traffic, policy violations, and corrupt devices.

Learn more about centralized management.

[Explore Retail](#) →

Outcome

See what you can optimize

Combined with Azure services, Catalyst SD-WAN makes it possible to implement different topologies for different services and applications. Cisco Catalyst SD-WAN's Cloud OnRamp for SaaS optimizes traffic to cloud applications like Microsoft 365 with routing through the path of minimum latency.

This ensures fast, reliable, and automated end-user experiences to accommodate those working from the office or even in warehouse locations. Along with best path selection, Cloud OnRamp for SaaS also provides visibility into application performance metrics for enhanced diagnostics and troubleshooting.

Tight integration and instant scalability

Cisco security portfolio solutions seamlessly integrate to harness the power of multicloud, delivering more flexibility, security, and scalability, improved application experiences, and transparency in data insights and analytics.

Level up with improved security

Microsoft Sentinel for intelligent security analytics and threat intelligence like security information and event management (SIEM) and security orchestration, automation, and response (SOAR).

Reduce TCO with simplified management

A highly optimized and secure network environment is possible, even under budget constraints—Cisco Catalyst SD-WAN's Cloud OnRamp with Azure Virtual WAN is an automated and cost-effective solution with built-in features, management all in one place, and flexible licensing.



Case Study

Finance



Often operating hundreds of branches around the world—and connecting everything from small ATMs to large corporate offices—financial organizations must consistently meet special requirements to protect sensitive data, both internally and externally.

Need

Standardization and security

This means consistent policy implementation and end-to-end connectivity.

Learn more about how to seamlessly connect sites.

[Explore Retail](#) →

Solution

Integration for a stronger network

Cisco Catalyst SD-WAN edge routers connect to SD-Access sites across the network fabric. This means protocols can be configured for any site, standardizing site-level fabric traffic rules, and role-based user access. And when integrated with Microsoft Sentinel, security is strengthened further.

Comprehensive solutions from Microsoft Sentinel

- 1 Intelligent security analytics
- 2 Threat intelligence integration
- 3 Orchestration and automation

One place to

Examine severe, critical, and ongoing issues.

Outcomes

Detect, respond, and mitigate

With more visibility into the network and its connected devices, including wired and wireless users, Cisco Catalyst SD-WAN and Microsoft Sentinel equip financial institutions with capabilities to better protect their users and customers. This means effectively detecting, responding to, and mitigating a wide range of security threats.

Complete branch security

Provide WAN access and meet compliance demands on site, while offering constant protection against all cyber threats, from branches to multicloud environments.

Explore how Cisco Catalyst SD-WAN's Cloud OnRamp enables unified experiences across sites.

[Explore Manufacturing](#) →

Application performance and multicloud access

Beyond security, Catalyst SD-WAN optimizes workloads and improves application performance, resulting in efficient and cost-effective use. And oversight all in one place makes it easier to seamlessly meet operational needs, whether that means adding branches to the cloud, or extending security protocols across applications.

- + Maintain the highest service-level agreements (SLAs) and optimal performance, even if problems occur
- + Connect branches and a remote workforce to multicloud applications with unified visibility and management

[See it in action](#) →

Strengthen your cloud infrastructure

Give your users quality, secure experiences, and centralize the way you manage infrastructure.



95 %

of enterprises are using or expect to use SD-WAN within 24 months.

Source: IEEE Communications Society, 2022

Do more, faster, while mitigating risk

Streamline deployment

Converge networking and security to reduce complexity

Enhance agility and improve user experiences



Customers looking to migrate their workloads to Azure can seamlessly connect from branches, campuses, or data centers with Cisco’s Catalyst 8000 family and can continue to leverage the trusted partners they rely on, all while effectively optimizing their MACC spending. Cisco’s active participation underscores our joint commitment to driving agility in our shared customer networks and hybrid environments, solidifying the Microsoft and Cisco partnership.”

– VIKAS BUTANEY,
SVP, GENERAL MANAGER, CISCO SD-WAN,
MULTICLOUD AND INDUSTRIAL IOT

Get Started Today

Find Cisco Catalyst SD-WAN
on Azure Marketplace →

