



# Cisco Intelligent WAN

## Grow Your WAN Inexpensively, without Compromise

Cisco® Intelligent WAN (IWAN) is a comprehensive set of traffic control and security features for the wide-area network that have been integrated into Cisco branch-office routers. IWAN supplies you with all the business-grade capabilities of an MPLS VPN – such as quality of service (QoS), WAN optimization, and VPN tunneling – that you can put to work using less-expensive connections. As a result, you can grow your MPLS network using Internet, cellular, and other lower-cost links without compromising performance, reliability, or security.

It's the best of both worlds.

Your Cisco Integrated Services Router (ISR) with IWAN dynamically routes your traffic prioritized by application, endpoint, and network conditions for best-quality experiences. The savings from IWAN quickly pay for any needed upgrades to your network infrastructure. For example, TeleGeography estimates that migrating your WAN to the Internet at 100 branch offices delivers savings ranging from more than \$500,000 to \$1.35 million, depending on geography.<sup>1</sup>

## Using the Internet as Your WAN

If you're like many IT organizations, you're under pressure to meet the growing bandwidth demands of cloud services, mobile traffic, and video in your branch sites. Not adding bandwidth could clog the network, cause poor user experiences, and slow down business response times.

To remedy the situation while staying within budget, you can confidently add Internet or other lower-cost links in your branch offices and still get 99.999 percent ("five nines") availability.

You can automate IWAN feature configuration using the Cisco IWAN application that runs in Cisco's Application Policy Infrastructure Controller with Enterprise Module (APIC EM). APIC EM is a controller for managing and operating software-defined networks (SDN).

Cisco IWAN scales to thousands of sites. And with the Cisco ONE Software buying program, which decouples software licenses from hardware, you'll continue to have access to the latest technology to protect your investment for years to come.

## Next Steps

Now more than ever your business needs an intelligent WAN to grow and compete. To learn more, visit [www.cisco.com/go/iwan](http://www.cisco.com/go/iwan).

## Benefits

- **Affordably extend your MPLS VPN** with less-expensive Internet, cellular, or other WAN links.
- **Reduce your monthly WAN services bill** without reducing security, performance, or reliability.
- **Use a single integration platform** for all WAN control functions to simplify IT operations.
- **Roll out guest Wi-Fi, SaaS, video, and other critical services** without slowing down your WAN.
- **Get a return on your investment** in a matter of months.

<sup>1</sup><https://www.telegeography.com/research-services/enterprise-network-pricing-service/>