

# 5 Ways SD-WAN Is Advancing Modern Business Goals

Software-Defined Wide Area Networking (SD-WAN) is the result of two emerging technologies — hybrid networking used to transport data via internet or mobile connectivity, and software used to provide centralized control over WAN routers.

By combining these two solutions with other advanced features, such as transport independence and integrated security, Cisco® SD-WAN provides next-generation architecture to help organizations achieve modern business goals:

## 1. Savings



By replacing expensive Multiprotocol Label Switching (MPLS) technology with more cost-effective hardware and connectivity options, such as broadband and 4G LTE, SD-WAN reduces initial networking costs while easing demands on IT — increasing productivity and profitability.

**\$20M** saved on Operating Expenses (OpEX) over three years for a retailer  
An **80%** reduction in cost/Mbps for a national insurance provider

## 2. Availability



SD-WAN allows businesses to leverage all available network connections at full capacity, using automated path control to prioritize the delivery of business-critical applications and improve performance.

**100%** application uptime during network failures for a national food distributor  
A **four-fold** improvement in application latency for a healthcare provider

## 3. Efficiency



By simplifying policy management through a centralized and cloud-based platform, SD-WAN makes it easy to deploy and monitor individual sites, servers and applications. SD-WAN also applies Artificial Intelligence (AI) to optimize the user experience.

A **five-fold** improvement in Office 365® performance for an energy provider  
A **12-fold** improvement in change control time for a 3,000-site bank

## 4. Agility



By eliminating the need for manual configuration or updates through a standard Command Line Interface (CLI), SD-WAN enables zero-touch provisioning through a unified management fabric, reducing deployment time across your network.

Completion of Mergers and Acquisitions (M&A) integration in under two weeks for a Fortune 50 healthcare provider  
Deployment of guest wireless service at more than 1,000 stores for a retailer

## 5. Security



SD-WAN delivers an all-in-one security platform with integrated user identity-based control, data encryption and firewall support, using network intelligence to detect and respond to cyberattacks in real time.

Secure isolation of more than 100 business partners for a manufacturer with more than 1,000 sites in the U.S.