



8 BENEFITS OF **SD-WAN**

Software-Defined Wide Area Network (SD-WAN):

"a virtual WAN architecture that allows enterprises to leverage any combination of transport services – including MPLS, LTE and broadband internet services – to securely connect users to applications. An SD-WAN uses a centralized control function to securely and intelligently direct traffic across the WAN. This increases application performance, resulting in enhanced user experience, increased business productivity and reduced costs for IT."

— from Silverpeak

The most significant innovation to WAN technology in the last 20 years, SD-WAN has quickly established itself as a more agile and reliable than traditional branch routers, offering benefits that create value for an entire business. Here are just a few of them:

1

STRENGTHEN YOUR CLOUD STANCE

As companies continue to migrate their IT systems to the cloud, IT professionals encounter hurdles with the networking aspects, since traditional WANs were never architected for the cloud. Many organizations no longer maintain their own datacenters, so applications are often hosted elsewhere. Connect to the cloud much more easily with SD-WAN designed to direct SaaS and IaaS traffic with ease and to accommodate broadband and MPLS links in active/active mode.

2

SAVE ON IT COSTS

SD-WAN reduces costs of WAN, which saves on your overall IT budget, allowing for more investments on future-focused projects. Not to mention the fewer resources needed to devote to hardware maintenance, given the software-based nature of SD-WAN, means savings on CapEx costs.



3

DECREASE LATENCY AND IMPROVE PERFORMANCE

Whether your unified communications need to ensure reliable, crisp quality or you are harnessing a multitude of SaaS applications, SD-WAN increases the performance of applications and decreases latency over the network by having all traffic streamlined for distribution and transit. Since backhaul is no longer needed with SD-WAN, teams are able to work faster and with greater productivity. It's a perfect fit for businesses that have geographically distributed offices that must communicate with each other efficiently.

4

IMPROVE DEPLOYMENT SPEEDS

SD-WAN allows companies to launch deployments faster, more reliably and more easily than traditional models. If a problem does occur following a deployment, the software-enabled features of SD-WAN mean that IT teams can quickly identify, troubleshoot and make updates from a single point. As a result, managing connections and executing application updates is more effective with SD-WAN.

5

DECREASE BURDENS OF IT MAINTENANCE

Given SD-WAN's software-enabled capabilities, teams can maintain their WAN edge over an internet connection, rather than needing hands-on attention. Decreased need for hands-on maintenance means that IT members will have fewer headaches with ensuring ongoing connectivity throughout your office. With less running around to maintain IT operations and traffic between devices and the internet, SD-WAN allows for IT teams to refocus their time on more pressing and value-driving projects for the business.

6

SIMPLIFY BRANCH WAN ARCHITECTURE

Now that it's more common for businesses to have multiple geographic locations, numerous deployments and a mobile workforce, IT departments must embrace innovations in networking and connectivity that empower workforce productivity in this modern landscape. Historically, backhauling traffic through a datacenter created an overcomplicated pathway, not to mention hair pinning and pinch points that slowed down the user experience. SD-WAN has emerged as a simplified solution to bring everything into the fold, consolidating devices at the "WAN edge," such as firewalls and routers, to operate from one, software-enabled device.

7

REDUCE THREATS AND IMPROVE SECURITY

The invention of cloud has enabled greater accessibility for end users. But this also means that IT teams must rethink traditional models of cybersecurity to embrace a new threat landscape, making changes to their underlying infrastructure as needed to close off vulnerabilities that could leave their datasets open to exploitation. Traditional firewalls, gateways and other security tools may not have been designed to embrace cloud. SD-WAN offers dynamic capabilities in securing traffic so that IT teams have more flexible options than a traditional router to keep their offices secured and within compliance.

8

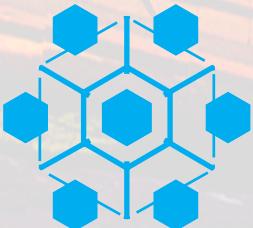
EMBRACE AUTOMATION FOR NEW INNOVATIONS

For companies interested in leveraging new innovations like data analytics, machine learning (ML) and artificial intelligence (AI), SD-WAN simplifies these adoptions. In fact, when you apply automation to SD-WAN, it can become self-driving, taking data outputs and translating them from goals into actions. Aligned with your company's governance policies, SD-WAN can make iterations to further optimize the user experience, speed up performance even more, and share information with IT for better decision making.

SD-WAN enables companies to rethink their WAN edge in accommodating the evolving demands of employees and customers. But no matter how advanced an IT architecture becomes, there will always be a human element—and SD-WAN is no exception. For this reason, the vendor delivering your SD-WAN can make a huge impact on overall benefits. A thoughtfully designed SD-WAN can reduce overall IT costs, relieve staff of maintenance headaches, and increase the speed and efficiency of web traffic across your entire organization's locations.

EXPLORE THE EDGE FURTHER

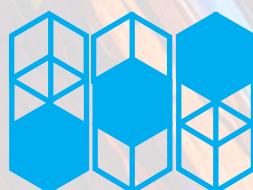
InterVision's Managed SD-WAN allows IT teams the ability to offload the maintenance and testing burdens of SD-WAN, so that staff can refocus their attention on driving core business projects forward. Our team of experts handle the design, implementation, and ongoing management of your SD-WAN for a smooth and efficient end user experience. Our deep bench of technology solutions and decades of expertise mean you can rest assured in the right technology, on the right premise, delivered in the service model that's right for your organization.



RIGHT TECHNOLOGY



RIGHT PREMISES



RIGHT MODEL

Visit our website at <https://www.intervision.com/managed-it/managed-sd-wan> to learn more.