



SD-WAN: the future is now

Break free from your global network constraints with SD-WAN. The virtual network technology can support the healthcare industry with digital transformation and cloud adoption, while meeting regulatory demands and privacy requirements.



Software-defined future

SD-WAN reflects the healthcare industry's move to a software-defined future where virtual devices replace network appliances and applications move to the cloud.

28%
annual shrinkage in legacy routers through 2020

54%
of organizations have ongoing live trials of SD-WAN



59%
compound annual growth rate for SD-WAN to 2021

\$10.8bn
healthcare spending on industry cloud deployment in 2018

11
cloud providers will be used by organizations on average in 2019, up from nine in 2018

Drivers for SD-WAN

Greater demands than ever are being made on network infrastructure, with organizations wanting more agility and resilience and better application performance. SD-WAN can provide the solution.

- Simplicity** **79%** want to simplify WAN provisioning
- Resilience** **78%** want to automate WAN link failure recovery
- Cloud** **74%** want to connect into cloud providers data center
- Agility** **71%** want to deploy new sites more quickly
- Performance** **71%** want to improve application performance
- Reliability** **69%** want to virtualize WAN links to improve reliability

Dispelling myths about SD-WAN

SD-WAN is still a relatively new technology, and there are naturally some misconceptions about the way it works. Here are rebuttals of the four most common myths.

It is not a zero-touch solution

You still need to install and manage either a dedicated appliance or a virtual one at each participating site to send and receive traffic.

Don't forget the underlay network

The technology won't magically solve the problems caused by a collection of low-quality connections.



You will need post-deployment assistance

You will need to manage network operation, tweaking it to accommodate changes in infrastructure or applications.

SD-WAN is only part of the security solution

Treat it as part of a broader security solution including micro-segmentation and role-based access control.

SD-WAN healthcare use cases

SD-WAN's real value comes in its application to real-world problems. Here are some examples of scenarios in which SD-WAN can help solve healthcare challenges.

- Microsegment traffic**
SD-WAN allows hospitals to use broadband networks for YouTube training videos, while protecting traffic microsegmentation, isolate and secure connected clinical equipment.
- Regulatory compliance**
The central control of SD-WAN allows healthcare providers to ensure their entire network complies with regulations that keep patients' personal information private and secure.
- Telehealth applications**
Telehealth services can transform the life of hospitals for tests. SD-WAN can provide the flexible and secure bandwidth to transfer the video and large files it generates.
- Reliable cloud access**
Healthcare providers are increasingly using cloud storage for patient records. SD-WAN can provide the flexible and high-performance cloud access this requires.

Choose Orange for flexible SD-WAN

We have been a leader in software-defined networks since launching our Easy Go Network in November 2016.

We offer:



Network reach



Security expertise



Technical partnerships



Cloud transformation

Download our ebook on SD-WAN here: <https://www.orange-business.com/en/library/ebook/meeting-the-digital-age-with-sd-wan>

and find out about all our connectivity services here: <https://www.orange-business.com/en/solutions/connectivity>



Sources: Gartner, IHS Markit, IDC, IMAA