Capgemini

SD-WAN SOLUTIONS

MODERNIZING YOUR BUSINESS NETWORK

HOW WE CAN **MODERNIZE** YOUR **BUSINESS NETWORK** AND **HELP** YOU **GAIN GREATER VALUE** FROM THE **CLOUD**

MAXIMIZING BUSINESS AGILITY THROUGH **NETWORK TRANSFORMATION**

Network performance is a significant priority for most businesses around the globe. As your business moves its applications to the Cloud, having secure networks will become increasingly important to you. Now, because of the COVID crisis, the demand for digital transformation will be even greater than before. Your business will be looking for ways to quickly enhance, accelerate, and secure its Wide Area Network (WAN) connections to keep pace. **According to Gartner, 60% of enterprises will deploy SD-WANs by the end of 2023, and 85% will be Cloud-first businesses by 2025.**

CIOs, CTOs, VPs, Network, and Security leaders demand highly available and well-performing networks that employees can access on-site, at home, and remotely. Secure network access for applications and users are table stakes in the new hybrid way of working. The visibility and management of these networks need to be exceptional while keeping the WAN costs to a minimum.

Capgemini's Software Defined-WAN (SD-WAN) services can help your business transition smoothly into this new reality. We modernize an enterprise's network by applying a combination of critical capabilities and service accelerators to drive network transformation rapidly—all of this we accomplish through a set of activities detailed below.

Capgemini plans and designs network transformation in three stages:

- **Advise –** Identify transformational needs, listen to your concerns, and develop a value-driven business case to modernize your network.

- **Transform –** We work with you and our industry-leading partners to tailor a secure SD-WAN solution to address specific needs and test the proof of concept

- **Operate –** Once deployed, we continually monitor and optimize your network performance using our Digital Operations Platform to leverage advanced AI and ML to ensure that user and application experience remains constant.

The SD-WAN revolution is changing how companies design, update and manage their networks. As enterprises adopt SD-WAN and Edge solutions, network-based services become more sophisticated. Capgemini's SD-WAN solutions help manage complexity, increase agility, enhance security and visibility, and reduce costs while providing scalability and resiliency.

Capgemini offers three core services to address the challenges enterprises face today when modernizing their network:

1. Consulting and Strategy
2. Deploy and Migrate
3. Managed services

Our **Consulting and Strategy** services help your business understand its network, determine how to modernize it, and help explain SD-WAN's cost savings and benefits.

Capgemini works with your business to explain your current challenges and goals while developing a network modernization strategy. We then work with you to build a business plan and solution with clearly defined KPIs and a deployment timeline that addresses the most pressing concerns.

With our **Deploy** and **Migrate** services, Capgemini continually assesses your network performance. We then onboard the network and apply governance, tooling, controls, and transitions to live operations. We can use modern networking practices and hardware to solve, operationalize, and optimize your networks. By partnering with Capgemini to reduce the time to production, your business can focus on its digital transformation goals rather than its network migration. As part of your SD-WAN deployment at a site, we deploy hardware, execute site configurations, migrate, test connectivity, and transition from deployment to operation.

Our **Managed Services** can help your business manage its networks through our Digital Operations Platform to deliver expertise, tools, optimization, and support across your solution's lifecycle.

We provide an end-to-end service-based model with in-built alert and event management integrated with ServiceNow through our Global Delivery Centers. These services act as end-to-end SLA-driven components based on the level of resiliency, uptime, and performance your business requires. Our Managed Services teams continuously focus on optimization and efficiency through AIOps tools driving intelligent automation and self-healing, improving service quality, reliability, and efficiency.

WHAT MAKES US **DIFFERENT** AND THE **VALUE** WE **DELIVER**

GETTING THE **MOST OUT OF** YOUR **APPLICATIONS**

As your trusted Edge and Cloud provider, Capgemini offers a full spectrum of network transformation services, every step of the way, in any industry, anywhere in the world.

By providing SD-WAN solutions with our Strategic Partners, Capgemini helps to:

- Improve agility: increasing speed to value, user experience, secure access, and enhance business agility, capabilities, and knowledge
- Reduce costs: simplify your business' tracking of network costs by consolidating our end-to-end solutions into a consolidated bill
- Provide vendor and telco-agnostic strategy: connecting your business with the most trusted product leaders through our vendor-agnostic strategy

- Create strong partner ecosystem: a network of highly accredited partners which provide economy of scale to our portfolio

Our managed services exist to optimize network performance to meet your business demands. Capgemini acts as a trusted partner to drive thought leadership in modern networking by leveraging next generation software defined networking, including SD-WAN. Our experience enables us to:

- Quickly address many of the common use cases surrounding SD-WAN such as end user experience, edge, and cloud transformation
- Optimize your network performance through our managed services to meet your business demands
- Fast-track your SD-WAN transformation with broad industry-specific expertise and continuous improvement of your underlay mix.

Your business will experience a marked improvement in its network performance, a cost reduction associated with legacy access models, and improved user experience by automatically optimizing the path through internet and private links.

Capgemini SD-WAN services give teams stable network connectivity and performance, allowing you to get the most out of your business-critical applications and devices needed to perform at their best, whether in the office, working from home, or at a remote site.

OUR **RESULTS SPEAK** FOR **THEMSELVES**

Capgemini has extensive SD-WAN experience, which we have used to enhance the networks of global, market-leading brands. Two such examples are:

Connecting the Business Applications of a Multinational Fuel and Energy Company

Challenge:

A multinational fuel and energy company, aimed to become more welcoming to clients by modernizing the connectivity of their networks and linking 10,000 gas stations across the globe to the Cloud.

Solution:

We implemented SD-WAN to modernize network connectivity to access business applications. Capgemini SD-WAN services provided:

- Solutions that connected all stations and infrastructure services to a transit hub in Azure
- Highly automated solutions for deploying/redeploying in case of disaster, or for recurrent service requests

Benefits:

- Significant enhancements on degraded circuits and Cloud on-ramp features for high-performance access to CSP/SaaS.
- Unified, secure solution for Azure Hub with virtual edges to securely connect and optimize gas station traffic to and from Azure

Enhancing the Networks of a Global Pharmaceutical Company

Challenge:

A global pharmaceutical company, asked us to improve their overall User Experience and bring greater innovation, best practices, and more modernization to their infrastructure.

Solution:

We leveraged a solution based on SD-WAN to successfully enhance their networks through:

- An application of the 'Greenfield approach': innovative solutions with few adherences with existing infrastructure
- Global program led solutions
- High and low-level designs for the solution
- Roll-out across all sites

Benefits:

- Improvements in their Employee Experience best practices.
- One unique point of contact for their digital journey
- Digital transformation that aligned new usage to business expectations
- Reduction in delivery time to roll-out connectivity at new sites

REACH OUT TO **US**

At Capgemini, we have expertise in SD-WAN and have helped modernize networks for global, market-leading brands. Capgemini is ready to partner with you to optimize and protect your network and transform your business. We look forward to being your trusted partner and helping deliver the business transformation you need to win in today's market. Please reach out to infra.global@capgemini.com for more information and to start down your SD-WAN journey.

About Capgemini

Capgemini is a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 325,000 team members in more than 50 countries. With its strong 55-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fuelled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering and platforms. The Group reported in 2021 global revenues of €18 billion.

Get the Future You Want | **www.capgemini.com**

For further information please contact:

infra.global@capgemini.com