



# CYIENT

## ACCELERATE BUSINESS GROWTH WITH SD-WAN

Transform your network and customer  
experience and ensure resilient and cost-  
effective connectivity





## Overview

Starting operations at a new branch or a site can be a complicated and costly undertaking. IT teams face the challenge of increased costs for setting up MPLS-based bandwidth to support application performance. Further, the traditional WAN is static and limits migration to a more dynamic public cloud environment. Moreover, MPLS is not suitable for cloud and new-age technologies. Given these challenges, enterprises need to upgrade their network capabilities and prepare to meet growing customer demands.

At Cyient, we recognize that the one-size-fits-all approach does not work with SD-WAN. We believe that every business demands a customized solution that meets its unique requirement. Our Plan-Build-Operate and Transform strategy, tailored to meet your specific needs, allows us to assess, design, implement, operate, optimize, and manage each SD-WAN deployment differently.

Cyient's SD-WAN solution provides resilient and cost-effective connectivity. We use multiple technologies and different paths for better management of bandwidth and expenses. Further, centralized orchestration enables improved network management, leading to quicker resolution of problems. Our solution makes better use of data links through prioritization of applications, based on performance metrics and availability of bandwidth.

**WE LEVERAGE PROVEN  
METHODOLOGIES AND  
DOMAIN EXPERIENCE TO  
DELIVER A CUSTOMIZED  
SD-WAN SOLUTION**



## Our SD-Wan Solution Features

Cyient's SD-WAN offering leverages our proven methodology and years of experience. It comes with the following features, and is geared to help you derive maximum value from available resources and infrastructure:

- **Deployment agility:** Quick set up and immediate results
- **Efficient use of bandwidth and applications:** Traffic prioritization based on business and application requirements
- **Resilient and cost-effective connectivity:** Downtime reduction by allowing different circuits, devices, and technologies to coexist
- **Increased Security:** Facilitates secure and encrypted transmission
- **Centralized orchestration and management:** A separate control plane enables automatic configuration and centralized performance management
- **Analytics and dashboards:** Ensures efficient and meaningful use of data applied business needs

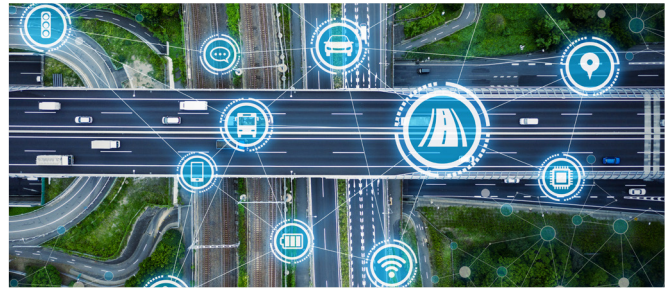




## Industry Use Cases

### Traffic management and optimization: Video streaming of traffic, with minimal disruption to other critical applications

Enterprises that need to deploy two or more Internet links from different transmission technologies and speeds, require SD-WAN to monitor the performance of all links continuously. Further, they need to analyze the performance based on various parameters, such as jitter, packet loss, bandwidth availability, and latency and then decide on the most suitable path for that particular application. The network has to be resilient enough to deal with dynamic changes for traffic switchover, and to ensure optimal performance of all applications.



#### Business Benefits:

- Superior customer experience
- Complete control of network performance and improved applications response times
- Enhanced capacity management
- Maximum utilization of network infrastructure

### Efficient network failover in a hybrid network environment (MPLS + Internet)

Typically, enterprises running critical applications over MPLS look for cost-effective failover options. In case of a disruption or unavailability, Internet links can be used to carry traffic of MPLS links. Multiple transport technologies, including fiber, xDSL, 3G/4G/5G, satellite, or fixed wireless, can be used to deploy a secondary, Internet-based link. Cyient's solution allows for sub-second (less than 500 milliseconds) switchover and ensures that traffic policies can be created to handle congestion and minimize the impact on end-customers.



#### Business Benefits:

- Better customer experience
- Enhanced reliability
- Cost reduction

### Faster setup of a new branch/site

Rapid deployment of a new location or branch is in the best interest of any business, as it leads to shorter time to start branch operations, and translates into quicker returns on investment. With Cyient's SD-WAN solution, new sites/branches can be deployed within minutes. SD-WAN technology ensures faster delivery of Internet-based connectivity to fulfill business and technical requirements. Multiple Internet/broadband links can be used to increase service resiliency. It is a cost-effective alternative to expensive point-to-point links.



#### Business Benefits:

- Faster deployment time
- Greater flexibility and mobility
- Faster return on investment

## The Cyient Advantage

At Cyient, we believe in using our field-proven expertise and the innovative technology solutions to enable you to address business problems. We bring extensive experience in Plan, Build and Operate activities in Telstra with around 1200 associates dedicated to Telstra business. With more than ten years of experience and many award-winning implementations of managed services across multiple industries, including telecom, utilities, and healthcare, among others, we accelerate your digital transformation with our customized SD-WAN solutions. Here's how we differentiate our solutions:



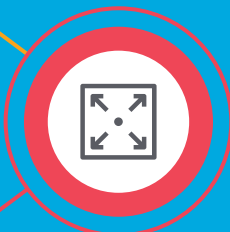
Deep understanding of our customers' business and priorities

Multi-vendor choice to cater to different business needs and budgets



Transport-independent solutions, which include private, hybrid or Internet-based connections

Delivery of Quality-of-Service that adjusts with an automated link and capacity monitoring



Real-time evaluation of WAN links, including quality and capacity



## About Cyient

Cyient (Estd: 1991, NSE: CYIENT) is a global engineering and technology solutions company. As a Design, Build, and Maintain partner, for leading organizations worldwide, we take solution ownership across the value chain to help clients focus on their core, innovate, and stay ahead of the curve. We leverage digital technologies, advanced analytics capabilities, and our domain knowledge and technical expertise, to solve complex business problems.

With over 15,000 employees in 20 countries, we partner with clients to operate as part of their extended team in ways that best suit their organization's culture and requirements. Our industry focus includes aerospace and defense, healthcare, telecommunications, rail transportation, semiconductor, geospatial, industrial, and energy.

For more information, please visit  
[www.cyient.com](http://www.cyient.com)

## Contact Us

### North America Headquarters

Cyient, Inc.  
99 East River Drive  
5th Floor  
East Hartford, CT 06108  
USA  
T: +1 860 528 5430  
F: +1 860 528 5873

### Europe, Middle East, and Africa Headquarters

Cyient Europe Ltd.  
Apex, Forbury Road,  
Reading  
RG1 1AX  
UK  
T: +44 118 3043720

### Asia Pacific Headquarters

Cyient Limited  
Level 1, 350 Collins Street  
Melbourne, Victoria, 3000  
Australia  
T: +61 3 8605 4815  
F: +61 3 8601 1180

### Global Headquarters

Cyient Limited  
Plot No. 11  
Software Units Layout  
Infocity, Madhapur  
Hyderabad - 500081  
India  
T: +91 40 6764 1000  
F: +91 40 2311 0352