



CASE STUDY

GBS Corp Increases Bandwidth and Improves Network Performance with Complete SD-WAN Solution from CTG

GBS Corp (GBS), headquartered in North Canton, Ohio, is a leading information solutions provider focused on innovating and improving their solutions to help their customers' businesses. Since opening its doors in 1971, GBS has valued identifying and investing in technologies that improve the dynamics of how their customers do business. The organization achieves this by providing software solutions, print and marketing services, content management, credit union core processing, labeling, patient identification, and much more.

ISSUES



Poor network performance



Outdated infrastructure



Costly MPLS system

CTG SOLUTIONS



Evaluation of existing SD-WAN providers



SD-WAN implementation



Complementary connectivity options

CHALLENGE

One of the ways that GBS has been able to improve is by migrating their eight locations from MPLS to a software-defined wide area network solution (SD-WAN).

Before implementing SD-WAN, GBS previously utilized an MPLS network and VPNs for remote user connectivity. This setup resulted in a few problems, namely that as applications and workloads were migrated to the cloud, there was an increased demand on the network, adding to poor application performance at branch locations.

Costly MPLS expenses caused GBS business leaders to begin looking for alternative solutions. The current infrastructure needed to be updated to move from an MPLS solution to SD-WAN.

Before the SD-WAN project began, multiple fiber internet circuits needed to be implemented at all eight GBS locations, providing higher bandwidth and better-quality internet, replacing less reliable cable modems, and lowering costs.

SOLUTION

CTG brought multiple SD-WAN solutions to the table, keeping the requirements and expectations of GBS in mind. GBS aimed to accomplish four primary goals by migrating from MPLS to SD-WAN:

- **Save money on any communication costs**
- **Consolidate security footprint for IPS and Anti-Malware services**
- **Retain control of the firewall configurations**
- **Control the quality of service (QoS) for voice communications**

CTG provided different options, including their own SD-WAN provider. The CTG team also offered technical guidance and support in evaluating the various SD-WAN solutions and complementary connectivity options.

The coordinated efforts of GBS leadership, CTG experts, and the SD-WAN provider allowed each issue to be handled quickly, resulting in a successful implementation.

RESULTS

GBS was able to save money, and succeeded in consolidating the organization's security footprint, retaining control of the firewalls, and maintaining quality of service (QoS). It is estimated that over the next five years, GBS will achieve savings in bandwidth costs, improved application performance and productivity gains.

GBS can now protect the entire network with IPS and anti-malware utilizing the SD-WAN provider's cloud-based endpoint security model. In addition, GBS now has a robust reporting module within their SD-WAN application, providing more network health reporting. For more information about GBS Corp, please visit gbscorp.com.

"CTG has always been on board, gave us information about different vendors, as well as personal experiences they have encountered {with SD-WAN}. They have always been an advocate for us."

— Joseph Berenyi