

OPTIMIZING NETWORK INFRASTRUCTURE FOR A LARGE GOVERNMENT AGENCY

CLIENT

Large Government Agency
(Undisclosed Name)

INDUSTRY

Federal Civilian

OFFERING

Versa Secure SD-WAN

Enhancing Performance and Security Through
Versa Secure SD-WAN Implementation

INTRODUCTION

OVERVIEW

A Large Government Agency (undisclosed name for confidentiality purposes), located across 12 states, faced the challenge of modernizing its wide area network (WAN) infrastructure to support increased cloud and SaaS utilization, improve bandwidth, and optimize traffic management. As their digital landscape expanded with Microsoft Office 365 and other cloud-based solutions, their existing network infrastructure struggled to meet performance and flexibility demands.

TO ADDRESS THIS, THEY PARTNERED WITH eTRANSERVICES, A LEADING PROVIDER OF ENTERPRISE TRANSFORMATIONAL SERVICES, LEVERAGING A SOFTWARE-DEFINED WIDE AREA NETWORK (SD-WAN) SOLUTION FOR THEIR ORGANIZATION.

CHALLENGES

The Agency's IT infrastructure had become increasingly complex, requiring a scalable solution to manage growing data traffic, especially with remote locations and data centers spread across multiple sites. Their legacy network systems lacked the agility to handle modern cloud integrations, and there were specific requirements for security, automation, and operational support to ensure seamless transitions.

KEY POINTS

NETWORK PERFORMANCE OPTIMIZATION:

The need for higher bandwidth and better traffic engineering to support both cloud and on-premises applications.

SECURITY COMPLIANCE:

Ensuring alignment with internal audit requirements and strict federal guidelines for information security.

AUTOMATION:

Streamlining network management with automated monitoring, fault detection, and issue resolution capabilities to minimize human intervention.

SUPPORT FOR EVOLVING BUSINESS NEEDS:

The requirement for flexibility to adapt to changing business demands and quickly integrate new technologies.

SOLUTION

SD-WAN DESIGN AND IMPLEMENTATION

eTRANSERVICES provided expertise in network design, assisting with the creation of high-performance WAN connections. They ensured that the SD-WAN infrastructure was robust enough to handle the increased bandwidth and supported seamless transitions to cloud environments.

PILOT PROGRAM AND LAB TESTING

Before full deployment, eTRANSERVICES set up a pilot implementation to test the network's performance and identify potential issues. This included the construction of a dedicated test lab to simulate production environments, ensuring that configurations met the Agency's business requirements.

NETWORK AUTOMATION

Automation strategies were developed to manage operational tasks such as configuration, monitoring, software deployment, and automated reporting. This allowed the Agency to reduce manual intervention, improve response times, and ensure continuous network monitoring.

SECURITY AND COMPLIANCE

eTRANSERVICES worked closely with the Agency to adhere to all security processes, including the creation of secure network documentation, installation procedures, and security guidelines aligned with federal standards.

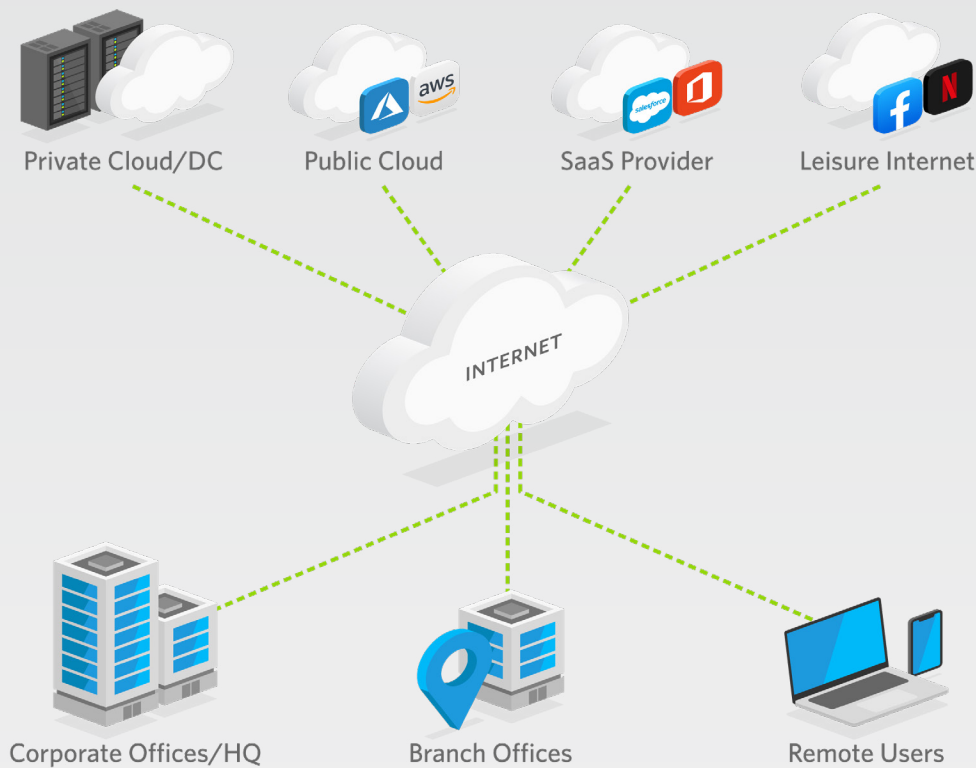
CLOUD INTEGRATION

The SD-WAN infrastructure was extended to support cloud locations and data centers, enabling the Agency to optimize cloud connectivity and ensure that all environments (on-premises, COLO, SaaS) were integrated into a unified network system.

ONGOING SUPPORT AND MAINTENANCE

eTRANSERVICES provided continuous post-implementation support, including 24-hour advanced technical support during the initial rollout and regular updates as the solution scaled across additional sites. Regular status reports and issue tracking were implemented to ensure transparency and timely resolutions.

eTRANSERVICES, in collaboration with Versa under its ACE Partner Program, delivered a comprehensive Versa Secure SD-WAN solution designed to meet the evolving needs of the Agency, addressing both the immediate performance issues and laying the groundwork for future network growth.



IMPACT

The implementation of the Versa Secure SD-WAN solution significantly enhanced the Agency's network performance, enabling them to meet the growing demands of cloud applications while maintaining strict security and compliance standards. The automated network management tools streamlined operations, resulting in faster issue resolution and more efficient resource allocation.

AS A RESULT, THE AGENCY IS NOW WELL-EQUIPPED TO SCALE ITS OPERATIONS AND ADAPT TO FUTURE BUSINESS NEEDS WITHOUT COMPROMISING ON PERFORMANCE OR SECURITY.

CONCLUSION

By partnering with eTRANSERVICES, the Large Government Agency successfully modernized its IT infrastructure, gaining the flexibility, security, and performance required to support its digital transformation. This project has positioned the Agency to confidently meet future technological challenges, ensuring seamless connectivity across its extensive network.



eTRANSERVICES provides these services to other large government agencies as well, and we look forward to expanding our expertise in architecting, designing, implementing, and sustaining SD-WAN solutions to protect similar government organizations.”

Chris Beckford | eTRANSERVICES President & CEO

ABOUT ETRANSERVICES

eTRANSERVICES is certified by the Small Business Administration (SBA) as an 8(a) firm, verified by the Veteran Affairs (VA) Center for Verification and Evaluation (CVE) as a Service-Disabled Veteran-Owned Small Business (SDVOSB), certified as a Small Disadvantaged Business (SDB) by the Commonwealth of Virginia, and recognized by The Metropolitan Washington Airports Authority (MWA).

eTRANSERVICES provides enterprise transformational services to the U.S. federal government and state and local agency clients by addressing their business and technology challenges with innovative thinking, repeatable processes, and outcome-based solutions while leveraging appropriate technologies. Their core competencies include Systems Engineering, Information Technology, Cybersecurity, Cloud, Business Services, and Products.

SERVICES

Systems Engineering
Information Technology
Cybersecurity
Cloud
Business

PRODUCTS

Carbon Black
Rapid7
SmartSimple Cloud
Texthelp
UDPaaS
UiPath
Versa Network

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Capability Statement
8(a) Offer Letter