CASE STUDY: A SUPPORT SERVICES COMPANY

DoD Contractor Supports Global Communications System with FatPipe SD-WAN

A communications and support services company contracts with Department of Defense (DoD) and other government agencies to provide a wide range of IT support services. Ranging from global communication systems to network services, the company has experienced dramatic growth. With no signs of slowing down, the company reevaluated its IT infrastructure, and after considerable investigation, decided to adopt a Centralized Communication System. It became essential to have a redundant and secure SD-WAN to support their global communications network.

SOLUTION OVERVIEW

SITUATION
The company implemented a centralized communication system to support communication from global hotspots. WAN security and optimization were crucial to the operation.

SOLUTION
The company integrated FatPipe products into its network to ensure always up connectivity to and from mobile and remote offices to its headquarters. Additionally, they achieved greater control and encryption over their network using FatPipe's route control features for outbound and inbound IP traffic and optimization for communication over satellite links.

BENEFITS
The company achieved redundancy for its WAN, as well as increased speed by aggregating their satellite links and fiber connections from their satellites to their data centers. The company achieved greater security through encryption of its IP traffic.

The company implemented a centralized communication system to support their commercial and government customers. "We needed a scalable, easy to manage and reliable device that would support wireless and satellite connectivity," said the manager of Information Technology. "We found a solution with FatPipe," he concluded.

FatPipe helped the company's objective and overcome the IT challenge it was facing. The manager responded with a resounding, "Absolutely." He continued, "I cannot say enough good things regarding the products and the support I received from FatPipe."

Using FatPipe's SD-WAN with WAN Optimization and highly secure transmission products, the company successfully accomplished fault tolerance for its WAN, and obtained additional speed, security and IP data route control, taking advantage of the other standard features of FatPipe products such as Policy Routing and Network Objects.

The company used WAN optimization to connect from the field to the ground station over satellite uplinks. Then they connected from the ground station to their data centers using multiple fiber links. Using SD-WAN the company was able to encrypt its sensitive data transmissions and reduce its bandwidth usage, protecting its data and saving money. The company experienced a quick ROI by aggregating the offices' fiber line with a less expensive DSL, increasing bandwidth at a lower cost.

The installation was relatively easy and adapted well within the current network. "FatPipe's team of professionals undoubtedly is a superb compliment to its excellent networking device products," commented the manager.