DoD Contractor Supports Data Processing with FatPipe Router Clustering Devices

A support services company contracts with Department of Defense (DoD) and other government agencies to provide a wide range of IT support services. Ranging from basic data entry/management to system engineering, analysis, and design, the company has experienced dramatic growth, opening multiple branch offices simultaneously to accommodate the increase in business. With no signs of slowing down, the company reevaluated its IT infrastructure, and after considerable investigation, decided to adopt a Centralized Data processing model. It became essential to have a redundant and secure WAN to support branch offices and mobile users through the new Citrix Application server farm.

SOLUTION OVERVIEW

SITUATION
The company implemented a centralized data processing IT model to shoulder the company's exponential growth. WAN redundancy became a crucial issue.

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 over its network using FatPipe's route control features for outbound and inbound IP traffic.

BENEFITS
The company achieved redundancy for its WAN, as well as increased speed by aggregating two T1 connections through a WARP unit for a total throughput of 3 Mbps at the headquarters. They also saved money in the regional office using XTREME to backup a T1 with a DSL instead of another, more expensive line.

The company implemented a Citrix Application Server farm, supporting all branch offices and mobile users via Nfuse and Citrix Secure Gateway. "We needed a scalable, easy to manage and reliable device that would support multiple ISP's," 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 XTREME and WARP 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 SmartDNS, Policy Routing and RAIL technologies.

The company aggregate bonded two T1 connections, which existed in its old WAN, through a FatPipe WARP unit at its headquarters for a total throughput of 3 Mbps to accommodate increased IP traffic going in and out of the network. It also integrated a FatPipe XTREME unit at one of its branch offices that deployed heavy IP traffic. The company experienced a quick ROI by aggregating the offices' T1 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.