A Leading Electronics Manufacturer Shows Increased Speed and Reliability of its Internet Connections to Support ERP, Email, and Customer Web Ordering with FatPipe WARP

A large US based electronics manufacturer, which relies heavily on its Internet connectivity for business, had only one data line to carry its traffic. The single line was unreliable and failing on an average of one to two hours a month. Once it was down for over 12 hours. The company's IT executive considered switching providers, but realized there was still the issue of having only one Internet connection to carry all of its mission critical data. The company had a second line, but it was not configured to failover.

SOLUTION OVERVIEW

SITUATION
The company's data line connection failed from one to two hours a month on average. Despite the instability of the connection, the company ran applications across its WAN that were critical to its business continuity and success. It needed a redundant WAN to improve its bottom line.

SOLUTION
Utilizing an existing but separate second data line connection, the company integrated FatPipe WARP into its network, binding two data lines from separate providers for redundancy and increased speed of IP-data transfer.

BENEFITS
The company now enjoys twice the speed of its previous Internet connection while having 100 percent WAN uptime to handle all their important Internet traffic. This has a noticeable positive impact on their bottom line.

The company depends on its Internet applications for business, where 99% of the business comes through the web. It hosts four web-based applications crucial to its day-to-day business in house: Email, web server, FTP and a web order application where customers upload designs. The company accepts production orders 24 hours a day via their CAM department. The IT manager reported that orders would fall from 300 orders a day to 100 when hit with the crippling effects of an erratic data line connection.

The company not only needed WAN availability for its clients, but also for its employees working in remote locations from its headquarters in New York City, New York. Setting up a VPN for remote employees solidified the need for a redundant WAN. After an exhaustive search for a solution, the company turned to FatPipe as a solution to the challenge of an unstable WAN infrastructure.

WARP provides both inbound and outbound redundancy by aggregating the company's primary T1 connection with another existing T1 that was not previously setup for failover. By binding the two lines through the FatPipe WARP, the company avoids the damaging effects of intermittent WAN failures, WARP intelligently senses the disruption and automatically reroutes traffic to available lines.

The company's primary concern was redundancy, but achieving increased speed proved to be an added benefit. Balancing the load between the two connections eliminated bottlenecking issues it experienced when utilizing only one line. Users no longer complain about slow speeds.

The Internet has been up 100% since implementation of the WARP, even when one of its two ISP services goes down. After training, installation was easy and support was great, according to the IT manager.