An US County Government Uses FatPipe WARP to Manage its Layer 2 and Direct Internet Access Connections to Improve Redundancy and Connectivity

A US County has recently started using FatPipe to manage its network. There are thousands of government employees generating large amounts of data. The county offices are connected to the data center through two 1Gig lines. The challenges that the IT department faces are to create more reliable and efficient usage of the available bandwidth and create a solution that is better able to cope with surges in demand, and to prevent downtime due to line failure.

**SOLUTION OVERVIEW**

**SITUATION**
The county currently connects its system to the data center through fiber. They are worried that if the fiber line gets cut, data will be lost, and operations will temporarily stop. The lines are currently not load balanced.

**SOLUTION**
Each county office purchased a second internet line for Full Network Redundancy. They combined it with the Layer 2 Network provided by the district. They added a FatPipe WARP at each office as well to manage the network.

**BENEFITS**
Using a FatPipe WARP solution, the county has sub-second failover. FatPipe WARP prevents packets from dropping and increases traffic speeds by Load Balancing.

FatPipe load balancing created a more available network that is able to cope with surges in demand throughout the day. The solution also makes it easy for the count to add more connections such as more fiber without the need for major changes to the infrastructure. The "set it and forget it" nature of the FatPipe solution means that the focus of attention for the IT department can shift away from connections to more important issues.