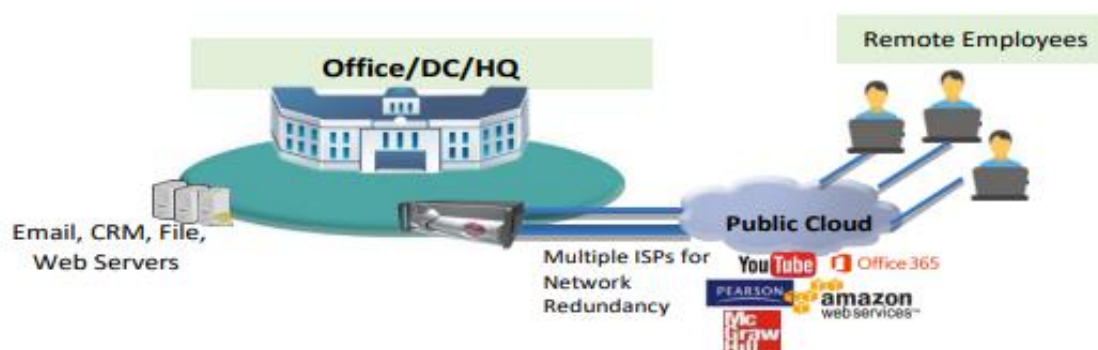


CASE STUDY: TAX COURTS

A Tax Court Uses FatPipe WARP to Ensure Uptime for Customers During Pandemic

A US Tax Court has recently added FatPipe WARP to futureproof their network from increased online demand due to the Covid-19 lockdown. After filings and appeals were transitioned to a virtual setting, the tax court saw increased strain on its network.



SOLUTION OVERVIEW

SITUATION

The tax court currently has two ethernet internet lines and one copper line, but the lines aren't load balanced and take time to come back up once one line fails. After closing the physical building, the tax court saw a spike in demand for their network.

SOLUTION

The tax court installed a FatPipe WARP to aggregate their internet connections. Additionally, SmartDNS was included in FatPipe WARP to maximize inbound bandwidth that taxpayers had access to.

BENEFITS

Using a FatPipe solution, the network can cope with the additional remote workload. The court maximizes its bandwidth and ensures no information is lost if one line fails. LAN traffic is securely accessible through FatPipe Road Warrior.

All of the remote judges, clerks, and employees have VPN access to the network and the intranet 24/7, which is especially important due to remote work. As hearings are now conducted online, all hearings are conducted via video conferencing. This has put an additional strain on their network.

The current connections comprise of two separate ethernet connections and one copper line that are not load balanced nor offer any redundancy should a line fail. FatPipe provides load balancing and automatic failover through its WARP SmartDNS product to address this flaw. Sessions are not dropped, even if there is line failure. This is important during cases to ensure defendants can have their cases heard. VoIP connections to lawyers and litigants are maintained. With SmartDNS, data can be transmitted and received on all three lines.

After installing FatPipe WARP™:

- Judges and litigators can access case files remotely and securely through FatPipe's encrypted VPN and network monitoring
- With SmartDNS, network users saw better network performance due to traffic being balanced over all three inbound lines.
- Network downtime was eliminated as FatPipe's sub-second failover prevented traffic, packets, and sessions from being dropped due to line failure.

The solution also makes it easy for the court to add further network connections and move more judges to remote roles, without the need for major changes to the infrastructure. The ease of use of the FatPipe solution means that the focus of attention for the IT department can shift away from connections and onto other issues.