

CASE STUDY

Hybrid WAN

The need to extend secure WAN to several hard-to-reach locations without expensive longhaul costs drove this multilocation firm to deploy TPx's SD-WAN for its more rural nodes



ITx FOR WAN



While the customer could have gone to an SD-WAN provider to get some of this solution, they found value in the total, managed solution that TPx could provide.

*Jared Martin
Vice President
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This nationwide transportation equipment manufacturer with a legacy MPLS network needed a better option for connecting to several of its geographically-challenged locations. They were familiar with the opportunities of SD-WAN, but wanted to make sure they could optimize the whole communications package. With a Hybrid WAN, TPx was able to lower their WAN access costs for the outlying locations via SD-WAN. And we were also able to provide greater control of the traffic traversing the network thanks to the SD-WAN architecture. And from a channel partner perspective, they win because they can rely upon a single vendor for the whole solution versus having to manage multiple vendors.

PROFILE

- Transportation equipment manufacturer
- 1000-5000 employees
- 19 locations nationwide

CHALLENGE

Customer wanted to supplement its MPLS network to increase control and security, and save on access costs

SOLUTION

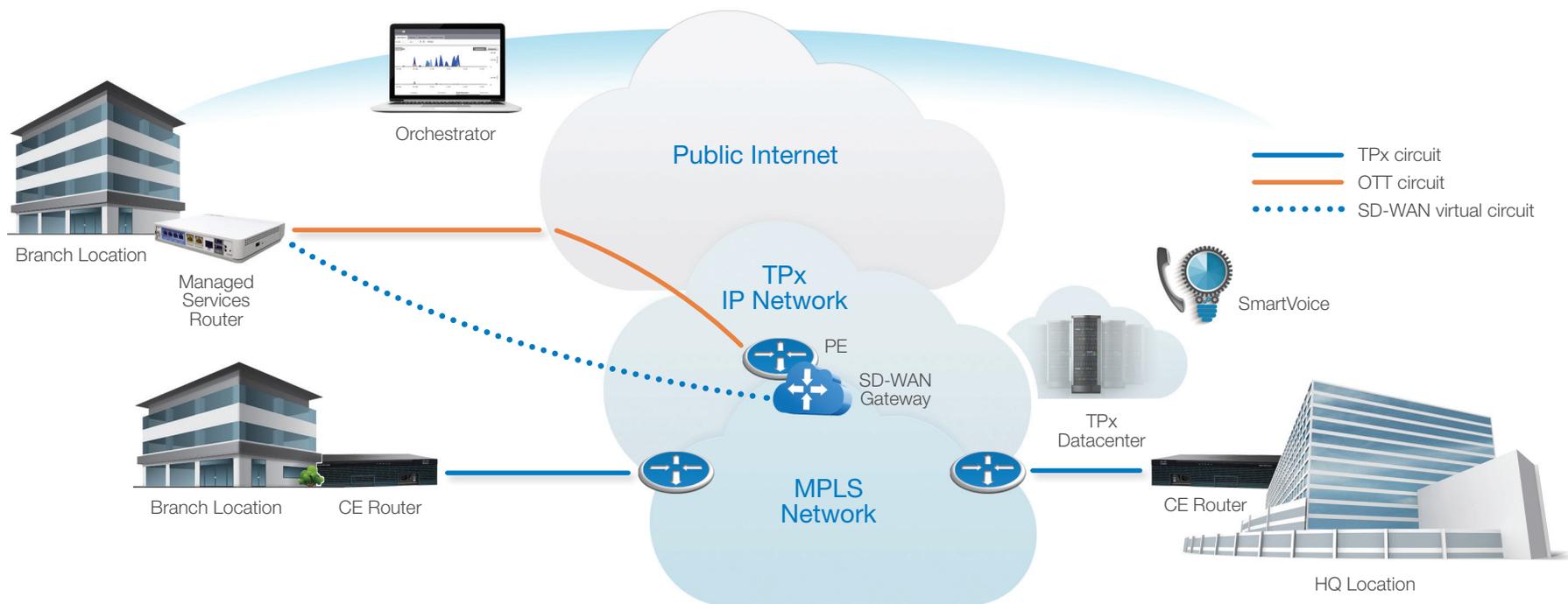
Hybrid WAN using SD-WAN with Managed Services Router to connect remote locations via local internet to VPN

BENEFITS

- Economically extended the security of their corporate MPLS VPN to any of their 19 locations nationwide
- SD-WAN gateways embedded in the TPx network rather than in a third party's network to improve control and performance

RESULTS

Remote sites are securely connected to the corporate VPN



HYBRID WAN

A hybrid WAN leverages SD-WAN technology using VeloCloud devices to enhance the customer's network with dynamic policy-based routing and forward error correction. TPx utilizes broadband connections to deliver secure tunnels into virtual networks deployed on the TPx IP Network. In this case, the customer was able to utilize more economical access to securely connect small and remote offices to the corporate VPN, while maintaining business policies to prioritize critical applications. With a hybrid WAN/SD-WAN deployment, priority traffic is dynamically routed over the TPx network to reduce jitter and increase performance.

TPx designed a customized MPLS network extending VPN connectivity and improved application performance to all locations. The hybrid WAN design offered an economical and secure option to those challenging locations with limited access options.

Packet Fusion

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PACKETFUSION



Connecting the Dots to the Cloud