Service Provider SD-WAN Use Case

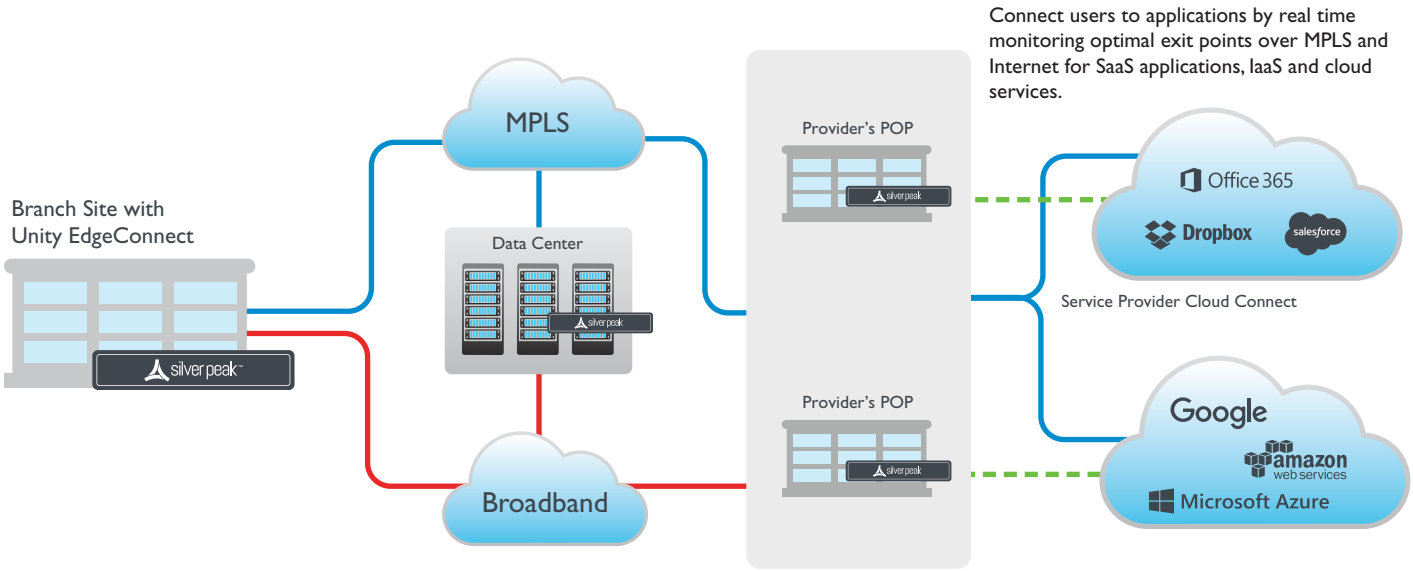
SD-WAN Cloud Connect

Silver Peak's SD-WAN Cloud Connect is an emerging use case where service providers use the flexibility of a managed SLA-based SD-WAN service to offer cloud connectivity options to enterprises. Enterprises require secure connectivity to both public and private cloud services from both on-net and off-net branch sites that utilize multiple WAN services.

Service providers can connect on-net branch sites that use the service provider's existing managed MPLS service and managed private cloud connect service to leading IaaS and SaaS providers typically co-located at Equinix and other global cloud exchange data centers.

The Silver Peak EdgeConnect^{SP} SD-WAN solution with SaaS optimization can enhance the optimization of SaaS connectivity services that further enhance a service provider's cloud connectivity service offerings. The solution enables better SaaS connectivity to those sites that are off-net and must use an "unmanaged" broadband connection.

With Silver Peak's traffic shaping and IP packet inspection technology, service providers can eliminate the performance problems associated with engineering complex backhauling schemes for SaaS applications to data center PoPs.



An EdgeConnectSP SD-WAN solution can enhance the performance of cloud-enabled applications. Both high and lower priority SaaS applications can be accommodated with either MPLS or broadband in this case.

Features	Benefits
Bonding MPLS and internet links	Improve reliability and performance of business applications – high priority cloud connect MPLS
Path Conditioning of broadband	Deliver performance SLAs for SaaS
Traffic shaping – policing SaaS and best efforts	Police the SaaS and lower priority applications over broadband
First packet intelligence for all SaaS/IaaS applications	Creates new revenue opportunities for MPLS-cloud connect connectivity/VPN services

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