

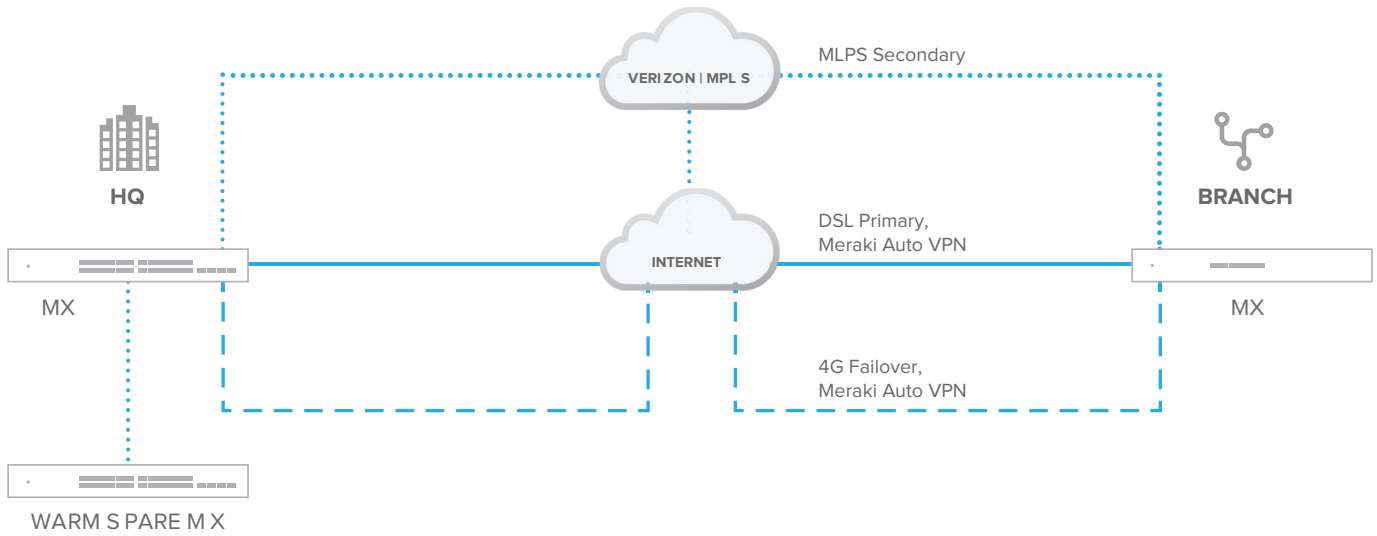


Case Study

 <p>SERVICE PROVIDER</p> <p>Verizon</p>	 <p>END CUSTOMER PROFILE</p> <p>Industry - Healthcare</p> <p>Locations -1,100 Branches</p>
<p>CHALLENGES</p>	
<p>Configuration of complex monitoring tools to determine where to route VPN traffic</p>	<ul style="list-style-type: none"> • Limited visibility into branches • Flapping or deteriorated uplink issues • Poor operational efficiency • High cost of existing solution
<p>RESULTS</p>	
<ul style="list-style-type: none"> • On track to deliver deployment of Meraki MX security appliances across all 1,100 branches on schedule • Extended the life of MPLS by augmenting with broadband for primary WAN links at branches 	<ul style="list-style-type: none"> • Intuitive web-based dashboard to increase application and bandwidth visibility at branches • Triple redundancy with SD-WAN flow preferences mitigated issues such as flapping and deteriorated uplinks that plagued previous deployments
<p>WHY CISCO MERAKI</p>	
<ul style="list-style-type: none"> • Meraki zero-touch provisioning with Auto VPN allows Verizon to meet the customer's aggressive deployment schedule of months as opposed to years for full roll out across 1,100 locations • Meraki SD-WAN allows Verizon to simply configure dual VPN paths across the customer's 1,100 branches based on traffic protocol, source, destination, or application in the matter of a few mouse clicks • SNMP integration into Verizon's backend systems for monitoring • Pre-built dashboard to provide the customer full branch visibility • Increased visibility via the Meraki dashboard will allow Verizon to quantifiably demonstrate bottlenecks to upsell bandwidth 	<ul style="list-style-type: none"> • Meraki dashboard provides intuitive browser-based visibility into layer 7 application and client usage as well as VPN status at branches • Meraki security appliances provide a robust and reliable unified threat management solution for branches • Meraki provides a cost effective managed enterprise WAN solution with sufficient bandwidth and redundancy to support the increasing usage of cloud apps

THE DEPLOYMENT



- MPLS augmentation with broadband and 4G
- 1,100 branches with a primary WAN link via DSL internet connection, secondary MPLS connection, and a cellular failover connection. Terminating the tunnels at headquarters are two Meraki MX600s in warm spare configuration preventing a single point of failure.
- Cloud provisioned Meraki MX security appliances eliminate the need for pre-staging and increased operational efficiency