

# AT&T SD-WAN Solution Battlecard

AT&T SD-WAN allows customers to combine MPLS quality & lower cost internet at each site for an optimal balance of performance, security and cost.

## Add intelligence to your Wide Area Network

### Transport independent

- Easy to add SD-WAN to existing AT&T VPN locations
- Scalable & modular design

### Dynamic routing

- Best-path routing for application optimization
- Sub-second, per packet link steering
- Improves latency

### Virtualization optimization

- Network visibility with performance monitoring
- Aggregate capacity across WAN links for Higher WAN utilization
- Consistent application performance

### Secure connectivity

- IPSec encryption for internet connections
- AT&T VPN inherent, private network security
- Comprehensive threat defense

## Approaches to SD-WAN

### SD-WAN Network Based

- Simple migration to SD-WAN for AVPN sites
- Dynamic routing
- Per-site choice, MPLS core as 'service hub
- Considers current network performance for routing
- Retaining MPLS

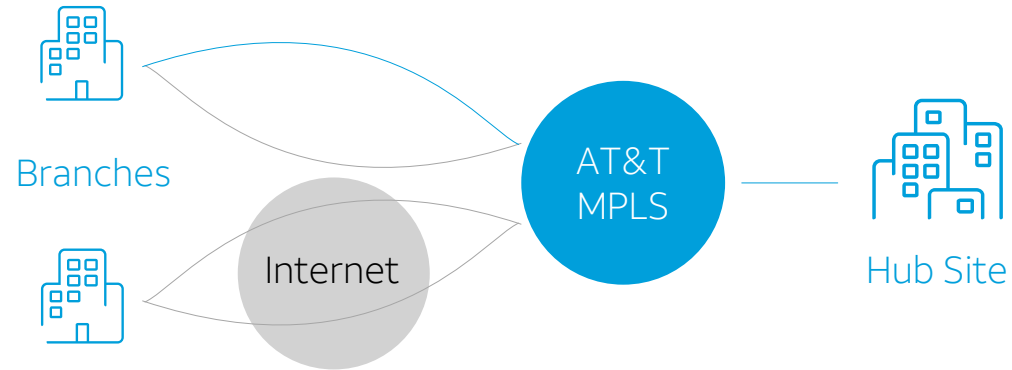
### AT&T SD-WAN Over-the-Top

- Dynamic routing
- VeloCloud solution
- Must deploy SD-WAN CPE at all sites
- Considers current network performance for routing
- Edge to Edge

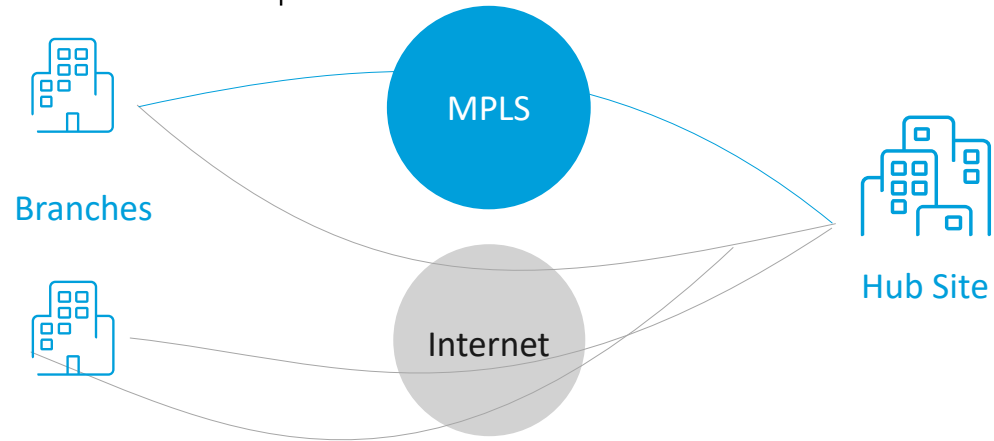
### AT&T SD-WAN Static Network Based (ANIRA)

- Highly secure internet based VPN
- Extends the reach of any AT&T MPLS VPN
- Leverages MPLS performance with broadband internet

### SD-WAN Network Based



### SD-WAN Over-the-Top



**AT&T is the only provider to announce an SD-WAN Network approach that supports the ability to mix and match solutions at their sites (SDWAN Network Based, SD-WAN Static, AVPN-only sites)**

## Covering your transformation from edge to edge

**1.1M**  
high-speed fiber route miles globally

**MPLS**  
198 countries  
3900+ nodes

**>90B**  
vulnerability probes daily

**197.1PBS**  
data transverse the network daily

**75%**  
software-based by 2020