



#### **Benefits of ViaSat owned encrypted MPLS**

transport network:

- Level 3 MPLS is only for bandwidth and reachability
- VRF's and traffic segmentation for customers, we can provide without additional cost to us
- Unlocks ability to provide Layer 2 & 3 vpn's for remote global access
- Encrypt traffic across Level 3 MPLS, so they don't see our analytics
- Our MPLS owned network would be primary over Level 3 mpls path and redundant over Internet

#### **Benefits of virtualizing or getting rid of the ASA's at the hub level and putting one at the ISP perimeter level:**

- Creates a DMZ off the perimeter ASA for internet facing services
- Option to virtualize ASA for hub or not deploy ASA since ISP has perimeter firewall

#### **Benefits of Virtualizing all AL1 and AL2 hubs at each site:**

- Less rack space
- Easy to spin up an entire hub
- Less equipment as ASA's are removed from the hub design