



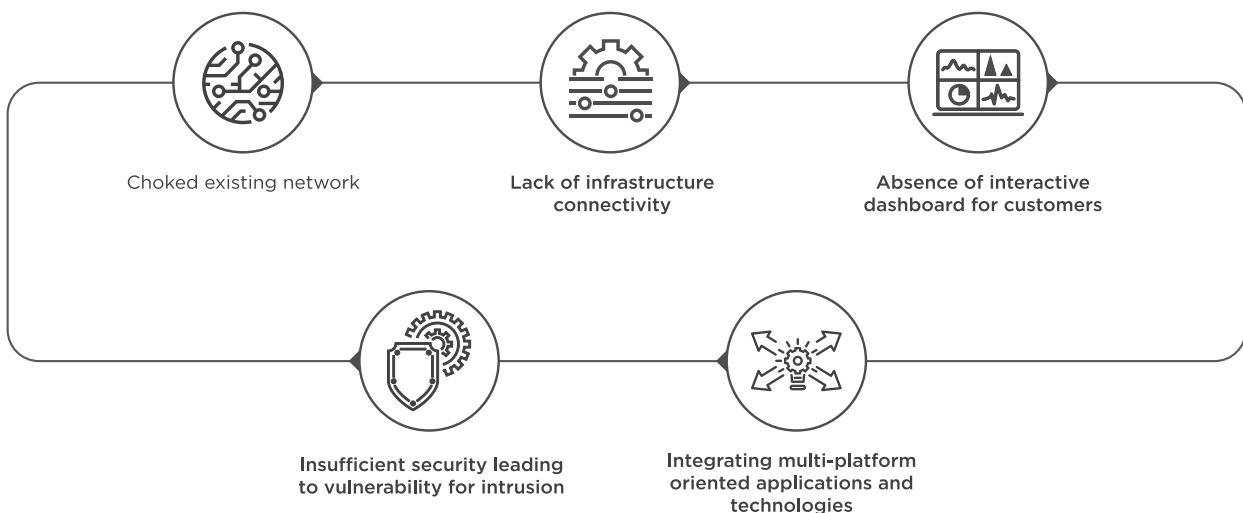
A case study

Building futuristic network for a Maharatna power company

PROJECT BACKGROUND

One of the Maharatna electric utility companies envisaged a converged, next-generation, highly secure network infrastructure for providing “state-of-the-art” services to their client base to create differentiation in the market. This case study enumerates how STL joined hands with the Maharatna electric utility company and designed and developed required solutions and integrated them to make a network infrastructure, ready for upcoming challenges in future.

CHALLENGES THAT WE FACED (AND MITIGATED)



STL accepted the challenge for deploying state-of-the-art futuristic network for the power company. We collated from scratch and designed, developed entire IP-MPLS network with state-of-the-art data centre and disaster recovery centre to host all required applications to define infrastructure for SD-WAN for the service provider's client base. We teamed up with the best-in-class OEMs and provided one of its kind network solutions in India, equipped with fault tolerant capabilities and three-layered advance security mechanisms (MZ/DMZ/IPZ). We also designed customized multiple interactive dashboards to empower end-users for validating committed SLAs and peering services for optimising traffic carrying costs.

Notes

- As per planning Core-To-Core link should be connected on 100G link but due to un-availability of 100G ports on Max Core Router is connected on 10G.
- As per planning Edge-To-Edging should be connected on 20 G /40G but due to un-availability of ports on Max Edge Ring is connected on 10 G or 1 G.

Legends

- Core Router NEAR-SA
- Core Router NEAR-OBA
- Edge T2 NEAR-SA
- Edge T1 NEAR-OBA
- ISW NEAR-OBA
- Route Reflector NEAR-SA
- Link Color Legend:
 - Green: Complete
 - Yellow: Patching Pending
 - Red: Link Handover Pending
- Line Style Legend:
 - Solid Blue: 100G
 - Dashed Blue: Proposed 100G
 - Solid Yellow: 40G
 - Solid Green: 20G
 - Solid Red: 10G

Upselling

Dashboards

New

Opportunities with SDWAN solutions