

Building a secure futuristic network for PGCIL infrastructure management

Data Center in Delhi and
Disaster Recovery Center in Bangalore

PROJECT BACKGROUND

This case study highlights the capabilities of STL for designing and building a next-generation IP-MPLS network integrated with an active data center network with customized network design and topologies for PGCIL - a Maharatna Electrical Power Transmission Utility under the Government of India.

CHALLENGES FACED AND MITIGATED

- Choked existing network
- First of its kind carrier level SDWAN network design and implementation
- Legacy network infrastructure
- Single network for both MPLS and Internet Traffic
- Unavailability of interactive dashboards and automation

STL SOLUTION

STL developed a highly secure next-generation network infrastructure with an active data center network. With our expertise and extensive consultation, we have built a customizable network design and topology from scratch with a disaster recovery center to host all the applications.

STL collaborated with best-in-class OEMs to provide a highly secure network equipped with fault-tolerant capabilities and three-layered advanced security mechanisms which provide 99.99% network uptime and availability with near-zero latency. The network infrastructure is integrated with interactive dashboards for validating the committed SLAs.





We have designed, built, and managed the data center infrastructure for one of the largest electrical power transmission utilities in the world meeting the best in class SLAs.