

EDGE DATACENTRE VIRTUALIZATION FOR ON DEMAND SERVICE PROVISIONING

A **\$130bn**
Telecommunication
service provider

Overview

The customer is a US-based 130 billion-dollar multinational telecommunication service provider. They wanted to develop a solution to connect enterprise customers over WAN in a secure way. Being a preferred partner, the customer has awarded the project to ACL.

Challenges

- Field engineer has to visit the sites to provision the network services at Branch offices
- Manual configuration of devices is time-consuming and error-prone. Configuring new services at branch offices takes weeks to months due to manual effort.

Solution

- **Design:** IPSEC VPN services over network transport technologies like MPLS, Internet Broadband, 4G, LTE, and 5G at any location.
- **Build:** Policy-based routing for critical applications and effective bandwidth management on redundant links across Private and Public cloud infrastructure
- **Deploy:** API Driven (REST, RESTCONF and NETCONF). Deployed at OpenStack and AWS cloud platforms

Outcomes

30%

Reduction in time taken to provision the services at Branch offices

50%

OPEX savings by simplified network support & Operations management