

# EDGE DATACENTRE VIRTUALIZATION

## for a Telecommunication Service Provider



**Services:** Cloud, Edge Computing, Network Transformation

### 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. Build service controller for on demand provisioning and managing the branch offices.

## CHALLENGES



Delay in the Network Deployment as the Field engineer has to visit the sites to provision the network services at branch offices



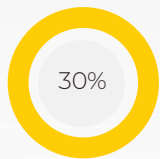
Time-consuming and error-prone Manual Configuration of devices resulting in a delay of weeks to months for configuring new services at branch offices

## SOLUTION

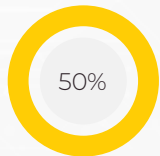
- 1 Design:** IPSEC VPN services over network transport technologies like MPLS, Internet Broadband, 4G, LTE, and 5G at any location
- 2 Build:** Policy-based routing for critical applications and effective bandwidth management on redundant links across Private and Public cloud infrastructure
- 3 Deploy:** 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 and operations management

