STL

Building Next-gen Software-defined 5G Access Solutions With VMware

Sterlite Technologies Limited (STL) was founded in 1988, and is a global leader in optical fiber and data network solutions. In addition to designing and deploying high-capacity converged fiber and wireless networks, STL also focuses on research in next-generation network applications. The company has a strong global presence with manufacturing facilities in India, Italy, China, and Brazil. STL collaborated with VMware to develop virtual network functions (VNFs) for 5G access solutions in a converged wireline-wireless environment. Enablement of such solutions will facilitate a single-click installation of complex 5G rollouts for Telco and other large enterprises. VMware partnered with Esconet Technologies Private Limited to ensure an end-to-end consistent experience for STL in their cloud transformation journey.

Business needs

- A solution that can provide an unified, developer-friendly, and multi-cloud architecture to develop products and solutions for global Telco markets.

- A robust and future ready telco cloud foundation that can automate the deployment and lifecycle management of all cloud-ready data centers, from the core to the edge and to the RAN.

- An open and integrated solution that enables Telco customers to accelerate time to market and offer cloud services and disaggregated solutions for 5G access and RAN in a converged wireline-wireless environment.

INDUSTRY
Telecommunications

HEADQUARTERS
Pune, Maharashtra, India

"We continue to drive relentless innovations to develop end-to-end network solutions for our customers. VMware provides the world's leading cloud virtualization platform and we are delighted to partner with them, and together deliver 5G Access Solutions for Telco and large enterprise customers. The combined offerings will bring a full stack of solutions for a converged wireline-wireless network for the industry and further increase our overall addressable market."

DR. BADRI GOMATAM
GROUP CTO, STL

---

vmware®

Impact

- Insights shared by VMware Professional Services team, following their deep-dive sessions with STL, helped in seamless deployment of a cloud-ready data center.

- VMware vCloud NFV enables STL, with a multi-cloud and multi-tenant architecture that offers agility, scalability, and cost efficiencies to its Telco customers.

- With a standardized platform, STL can now accelerate product development and have consistency in deployment and operations.

- By reducing time to market, STL improved engineering productivity, giving the company a first-mover advantage.

- STL experienced process automation, ease of management, and seamless operations across the multi-cloud infrastructure through Tanzu Kubernetes Grid packages.

STRATEGIC IT PRIORITIES

Multi-Cloud

App Modernization

VMWARE FOOTPRINT

VMware vCloud® NFV™ OpenStack Edition 3.3
VMware vCenter Server® Standard™
Tanzu Kubernetes Grid 1.16
VMware Professional Services

@STL_Tech collaborates with #VMware to develop next-gen software-defined virtual network functions to smoothen the roll-out of 5G Access Solutions offered by Telcos. #Tanzu