ALTEN CALSOFTLABS
AN ALTEN GROUP COMPANY

Virtualization of SATCOM Platform

👤 THE CLIENT

The client is a leader in Satellite Broadband connectivity headquartered in Europe.

🤝 BUSINESS NEED

The client wanted ALTEN Calsoft Labs to do the following for them.

◉ Virtualization of the SATCOM Gateway – Intel DPDK Optimization

◉ New feature enhancement – BRAS like features for dynamic bandwidth management, support for new QoS classes, etc.

◉ Testing and Maintenance from ODC in India

🖥 TECHNOLOGY USED

◉ CPE Terminal

◉ Gateways

◉ Internet Server

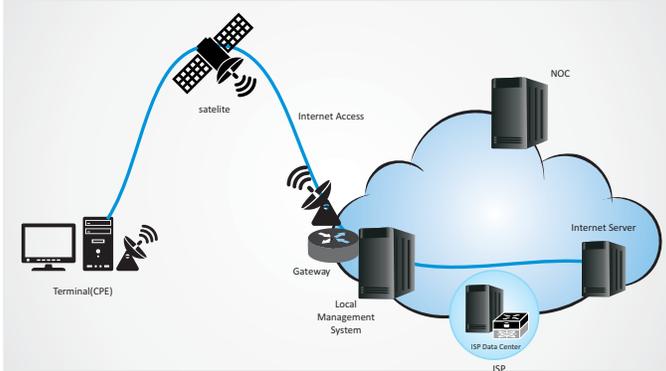◉ Data Center

◉ NOC

◉ Ethernet

📈 BUSINESS BENEFITS

◉ Infrastructure Management

◉ Instant Capacity

◉ Isolating Applications

⚙ SOLUTION DELIVERED

ALTEN Calsoft Labs' testing professionals did the following to ensure customer satisfaction.

◉ Built Multiservice Satellite Network Gateway

➤ A scalable and flexible multiservice SATCOM platform that allows satellite service providers to build and adapt their network as their business grows.

➤ Supports multiple satellites, multiple frequency bands, regular and spot beam satellites

➤ Scalable from 5 to +100,000s of terminals

➤ Hierarchical QoS Management with 7 classes

➤ Advanced Network Management System capabilities, both GUI and API, including VNO support

➤ SATLink Manager software module for session and resource management and for automated link setup and tear down

ABOUT ALTEN CALSOFT LABS

ALTEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). ALTEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi- tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALTEN Calsoft Labs is a part of ALTEN group, a leader in technology consulting and engineering services.

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