PROJECT REQUIREMENT

Oil & Gas Client identified the following requirements for satellite telecommunication services in Iraq:

1. Unlimited symmetrical Internet and data transmission channel using satellite communications with 10Mbps bandwidth to Company's four (4) locations: PC, IEC, CPF, ACC.

   SCPC/SCPC; SLA 99.2%, Round trip less than 900ms, Jitter less than 50ms, Packet loss less than 0.1%; 24 hours BER Test 0.0E-9; Delivery time for all four (4) locations should not exceed 20 days.

2. Unlimited symmetrical data transmission service for access MPLS VPN service with guaranteed bandwidth not less than 40Mbps.

   Traffic Prioritization and marking based on DSCP values in accordance to Company standards to be supported; Class of services that need to be support: platinum (real-time data (videoconferencing and VoIP), gold (business critical data traffic), best-effort (corporate data traffic); Separate VPN for Company;

3. Voice Communication;

   The number of voice ports for incoming and outgoing traffic at the Company`s VSAT in Iraq shall be not less than 30 pcs; Dedicated land-line numbers to be provided for each port; H.323 and SIP protocol to be supported for signaling and VoIP transmission; Dedicated IP-Subnets for transport to be provided; G.711, G.729 codec must be supported;

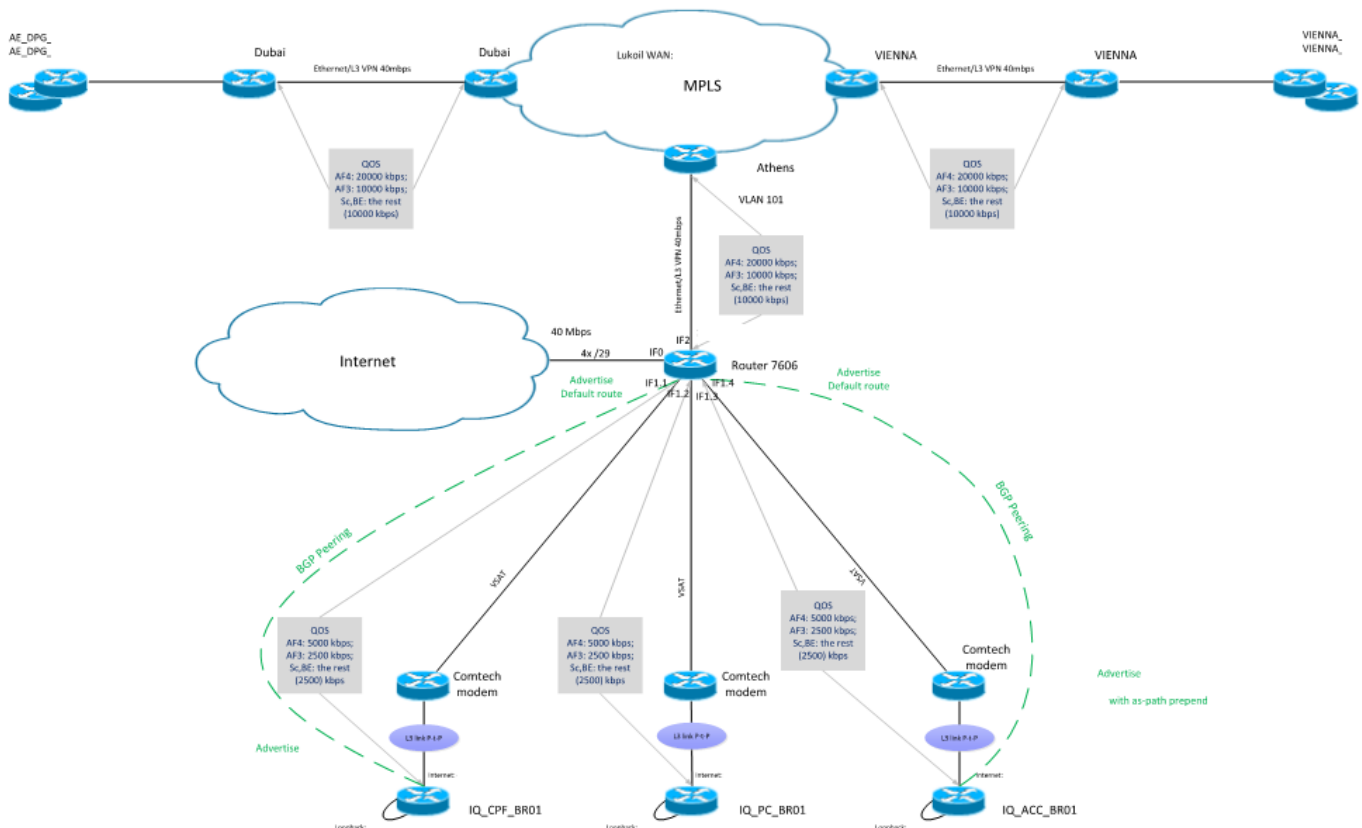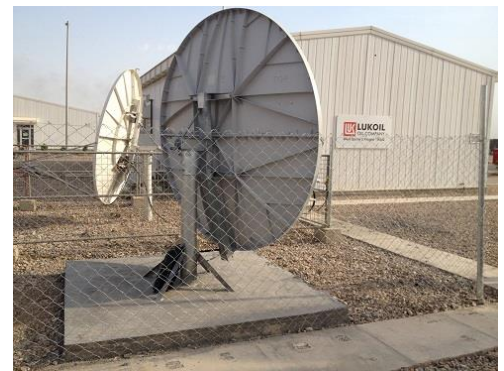4. Support 24/7 and licensing.

WHAT XSAT DELIVERED?

Service: Delivered SCPC/SCPC with SLA 99.7% for teleport, round trip less than 700ms, Jitter less than 50ms.
Unlimited symmetrical data transmission service for access MPLS VPN service with guaranteed bandwidth not less than 40Mbps. With traffic prioritization and marking based on DSCP values in accordance to Company standards. Setup of network health monitoring and availability warning tools.

On site job: Antenna Installation with concrete foundation, lay PVC and trunks for cables, Outdoor unit fencing and door, strapping cables and pipe sealing, in door unit configuration and labeling.

Voice over IP service with Global Numbers for outgoing and incoming phone calls worldwide.

MPLS network interconnects Iraq VSAT stations via Cyprus with office in Dubai and Data center in Vienna. Supports QoS and BGP Peering.

RESULTS
- Setup of high quality and reliable network utilizing VSAT technology and MPLS network.
- Unlimited symmetrical data and Voice services
- Help desk system and network health monitoring.
- No major complaints received from the Client