Emerging US Internet Service Provider Chooses Tejas Networks' TJ1400 UCB for building Future-proof Networks

The customer is a new-age ISP providing high-speed internet, voice, and data services to residential and business customers in America. With a strong emphasis on customer satisfaction and reliability, they aim to expand and enhance broadband services in the underserved areas.

The customer was facing challenges with their legacy TDM infrastructure platforms with frequent failures and high spare-part cost. They required a scalable solution that not only serves current requirement of network modernization, but can serve future requirements across technology spectrum.

Challenges

- Existing legacy platforms with high maintenance cost and frequent failures were impacting operational efficiency and customer satisfaction

- As a result, they were looking for a TDM network modernization solution from a trusted partner — the solution should be future proof to cater emerging requirement

- As a new age operator, their focus is to serve the customer with lean operational team, so from network management system point of view, they were keen on an efficient, single pane of glass management solution

Solutions

- TJ1400-7 Ultra-Converged Broadband (UCB) platform with best in class Circuit Emulation service for modernization of the SONET based network

- With its Software-defined Hardware ™ architecture, customer is assured that as their network evolves, the same chassis will be able to support multiple technology requirements

- Tejas TJ5500 multi-technology NMS solution enables the management of different requirement from same system

Results

- The network reliability have improved by a significant factor with the introduction of TJ1400 UCB solution

- Tejas presence in North America and support structure ensured that the network modernization is done in a minimally-disruptive manner

- With a highly-dense configuration and optimum power consumption, TJ1400-7 UCB addressed the customer's need of space and power efficiency

- Specific software requirements from customer was agreed for delivery at a fast paced manner

- Tejas NMS enabled the operation teams a unified single pane of glass management of the network

Key Value Propositions

- Tejas TJ1400 Ultra-Converged Broadband is a unique platform providing 4G/ 5G RAN, xPON OLT, Ethernet, IP/MPLS, MPLS-TP and CEM from the same chassis enabling a cost effective network evolution

- Customer can start with one service and as their network requirements evolve, they can use different network cards to achieve the technology diversity — in the same platform and with the same management system

- With robust presence across the globe, Tejas is able to cater to customers of all sizes and across domains from the Americas to the

Tejas Networks

Tejas Networks is a global broadband, optical and wireless networking company, with a focus on technology, innovation and R&D. Tejas' carrier-class products are used by telecom service providers, utilities, government, and defence networks in 75+ countries. To know how we can help you fulfill your business objectives, contact us today!

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