

# New Age Internet and Cloud Service Provider in Asia selects Tejas solution for DWDM Network Expansion

The customer is a new age Internet and Cloud Service Provider in Cambodia offering connectivity services and Value Added Services to households, enterprises, carriers and Government entities. Covering the length and breadth of the country, they focus on providing reliable, high performance services to its clients.

As part of their bandwidth expansion, they were enhancing and implementing additional cross-border optical links with partner service providers in a neighboring country. They were looking for scalable DWDM platforms. Ease of end-to-end management was one of their key requirements as they are focused on maintaining a lean operational team.



## Challenges

- Support their present requirement of 400G per channel capacity with future scalability to 800G or 1.2T per channel
- Need an integrated solution provider who can support a wide range of networking technologies with strong regional presence and references
- Unified management capability from single pane of glass



## Solutions

- Tejas has been a trusted partner for the region over the years; for the present requirement, after evaluating a range of options, they selected Tejas TJ1600 platform based on solution fitment
- TJ1600-6, the mid-capacity DWDM/ OTN platform was chosen for its dense interface and versatile technology support capability
- Tejas unified NMS was utilized for end-to-end multi technology management



## Results

- Tejas' technical and support teams collaborated closely with the customer to ensure a smooth network deployment, maintaining uninterrupted service throughout the process
- TJ1600-6 provides supports current need of 400G per channel with seamless scalability up to 800G per channel with same optics; With change of optics, it can support 1.2 T per channel in the same card
- With ASON and WSON GMPLS control plane, multiple levels of protection can be created with ease, ensuring network resiliency



## Key Value Propositions

- TJ1600 provides an extremely compact OTN/DWDM/MPLS TP platform for evolving needs to growing operators with optimized footprint and power efficiency
- Advanced OAM allows real time monitoring of end to end circuits, connections or trunks enabling quick detection and isolation of faults
- TJ1600 is capable to support up to 76 Tbps using C+L band for future scalability as well as OTN grooming from the network edge itself to improve spectral efficiency
- Tejas' intelligent unified NMS enables seamless multi-technology management within a single suite. Enhanced with integrated AI-ML capabilities, it proactively forecasts and resolves network issues, delivering exceptional reliability



## 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!

[Go To Website](#)