

Midwestern Telecom company selects Tejas for SONET Network Modernization project

A Network Modernization Case Study

Customer Overview:

A tier 3 service provider in the mid-west provides ICT services (Voice, video, internet and optical transport) for homes and businesses in two nearby cities.

Challenge/Issue:

One of the services provided is DS1 business connections to the regional service provider by aggregating them to DS3/OC-3/12/48 SONET interfaces and handing them off to the regional service provider. The equipment currently used to deliver this service; Cisco 14454, Coriant SN-9000 and Alcatel 1630-Sx has been discontinued for some time. New and spare cards are hard to find and increasingly expensive and the local service provider often resorts to the gray market or other sources. They are also finding that support contracts are expensive, often unavailable, and finding qualified staff to support this deprecated equipment is becoming more and more challenging and expensive.

Customer

Any service provider in the USA providing legacy DS1/DS3/SONET services.

Challenge

Service providers that provide legacy TCM services are struggling to remain profitable with existing EOL equipment.

Solution

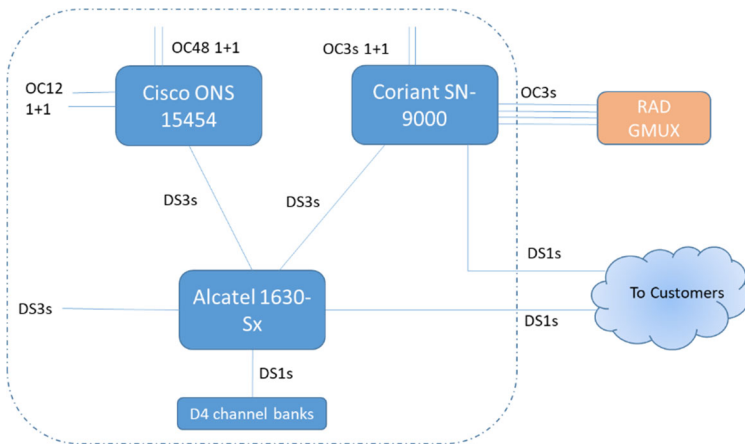
Tejas TJ-1400 Network Modernization Solution

Results

Service providers around the country are able to continue to provide legacy TDM service in a cost effective manner.

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 defense networks in 75+ countries. To know how we can help you fulfill your business, contact us today at sales_northamerica@tejastnetworks.com.



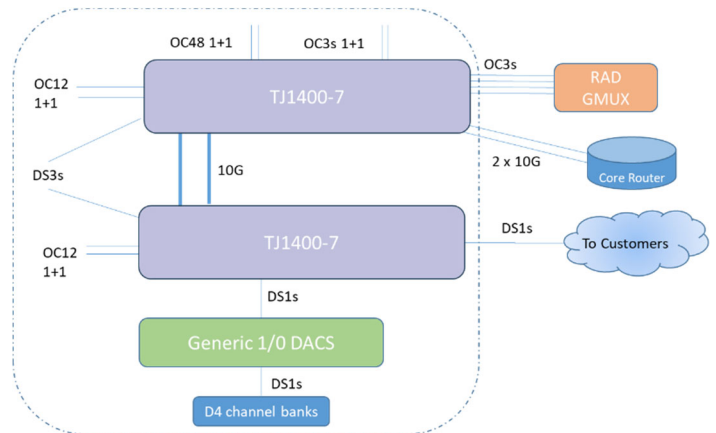
Use Case Introduction:

The local service provider evaluated a wide range of potential vendors to provide an alternative solution for DS1 services and found that Tejas was one of the only vendors providing a viable solution for SONET aggregation services.

The Service provider has selected Tejas for replacement of the three deprecated DS1 SONET aggregation systems.

The Tejas Solution:

Tejas offered the TJ1400-7 2RU, 7 slot Converged Access Chassis equipped with CEM/switch fabric and the DS1, DS3 and OC-3/12/48 line cards, this solution can accommodate any TDM Network Modernization project. Additionally, the TJ5500 Network management system can be deployed resident or on Google Cloud Platform.



THE SOLUTION: The Tejas TJ1400 CEM Solution

The Tejas CEM solution offers a number of unique propositions.

- Allows the service provider to continue providing DS1/DS3/SONET services to customers
- Eliminates MD'd equipment and dramatically reduces H/W maintenance costs
- Reduce Power and Space by 90%

The Results

With the deployment of the Tejas TJ1400 Network Modernization solution, the service provider can continue to economically provide legacy TDM services with a modern and supported platform while reducing space and power consumption by 90%