

Tellabs® Traffic Management Service — M13 System Replacement

Customer Challenge

In order to comply with a critical corporate initiative, a major telecommunications service provider needed central office space to accommodate equipment that would allow the service provider to support new data services. The lack of space for expansion was causing delays in the implementation of a corporate initiative to increase revenue by offering customers a comprehensive set of new data services.

Tellabs Solution: Network Modernization Program

Tellabs engineers performed a high-level office audit and discovered that the office contained a Tellabs® 5500 Digital Cross-Connect System along with 30 M13 multiplexers. Tellabs recommended that the service provider transfer the traffic supported by the M13 multiplexers to the Tellabs® 5500 system. The customer accepted the recommendation and requested that Tellabs support them with the removal of the M13 systems.

Tellabs® Network Modernization Program was designed specifically for situations like this. Tellabs engineers utilize proprietary tools along with specialized functions of the Tellabs 5500 system to transfer live traffic with minimal or no traffic disruption. In this case, Tellabs helped the customer transfer live traffic to the Tellabs 5500 system and reclaim floor space utilized by the M13 systems along with excess capacity on their DSX-1 panels and Tellabs 5500 system port modules.

As part of the Tellabs Network Modernization Program, Tellabs engineers:

- Performed a complete audit
- Created a detailed method of procedure
- Prepared the system for cutover
- Executed the activities required to complete traffic cutover to the new modules

Customer Benefits

As a result of transferring traffic from the M13 systems to the Tellabs 5500 system, the service provider was able to:

- Recover 751 DSX-1 ports (89 were not wired on the M13 systems)
- Recover 213 DS-1 ports on the Tellabs 5500 system
- Eliminate the manual provisioning and maintenance activities associated with managing M13 systems
- Remotely monitor the traffic on the Tellabs 5500 system (impossible to do when that traffic was on M13 systems)
- Reclaim 3 full bay spaces to support deployment of new revenue-generating data communications equipment

Upon completion of this project, the service provider was able to continue to implement and support the new corporate initiative to provide new data services to its customers.

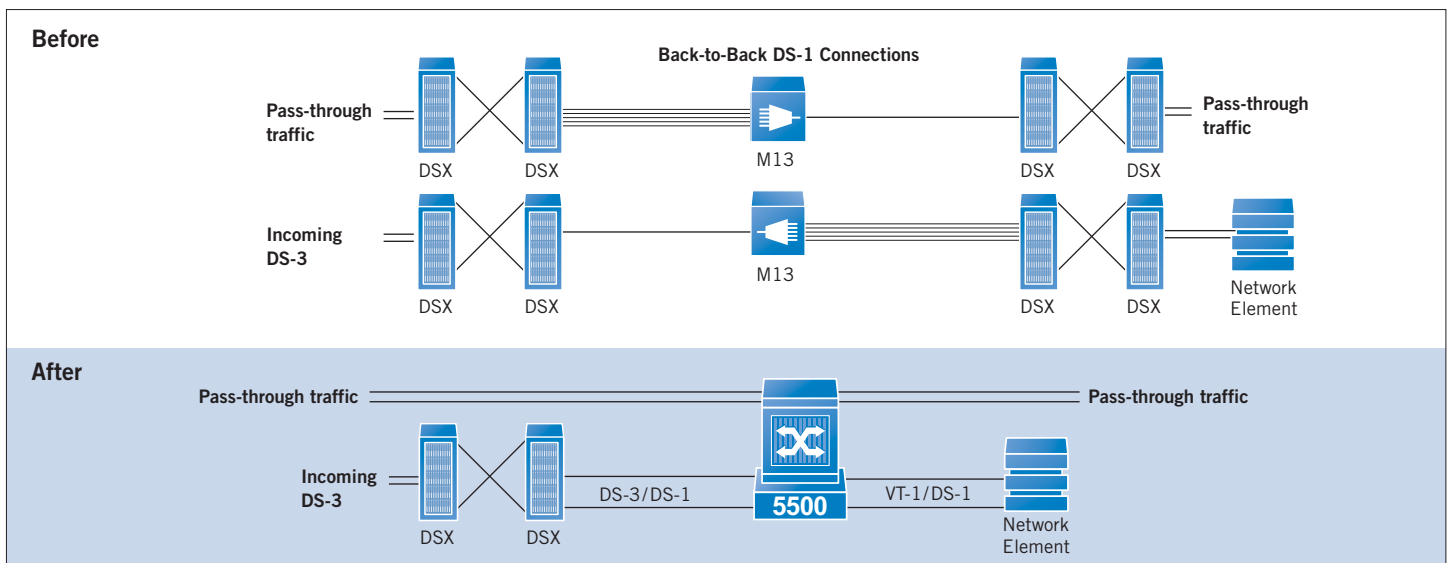


Figure 1. The Tellabs Network Modernization Program simplifies network architecture and allows service providers to perform remote provisioning, monitoring, and performance management.

Ordering and Availability

Tellabs Traffic Management Services can be customized to your specific requirements and are available to Tellabs customers across the globe. For further information on these services, please consult your local Tellabs account manager or regional sales office.

Tellabs® Global Services

Tellabs Global Services delivers quantifiable results that help you succeed. Our deep expertise and specialized services are designed to help reduce costs, optimize performance, minimize risk and speed time-to-market. We solve the complex business, technical and operational challenges you face in deploying advanced networks — anywhere in the world. Tellabs Global Services' reputation for providing a better customer experience is the result of an open and honest approach, the ability to provide an objective viewpoint and dedication to customer satisfaction.

About Tellabs

Tellabs helps customers succeed through innovation. That is why many of the top global telecom service providers choose our mobile, optical and business solutions. We help telecom service providers, independent operating companies, MSO/cable TV companies, enterprises and government agencies get ahead by adding revenue, reducing expenses and optimizing networks. With wireless and wireline networks in more than 90 countries, we enrich people's lives by innovating the way the world connects™. Tellabs (Nasdaq: TLAB) is part of the NASDAQ Global Select Market, Ocean Tomo 300™ Patent Index, the S&P 500 and several corporate responsibility indexes including FTSE4Good and eight KLD indexes. www.tellabs.com

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