

Case Study:

MPLS Network Design

Overview:

A Lit Fiber provider leveraged Atrion's network expertise to build and design an MPLS Network.

The Challenge:

One of Atrion's highly valued customers had many years of experience as a lit fiber provider, but lacked the expertise to design and build a state-of-the-art MPLS network and had tight deadlines to complete the project. The process of recruiting and hiring top-level talent with MPLS background would be too time-consuming and costly for the customer.

The Solution:

Atrion had been a strategic partner for the customer in supplying Juniper Networks equipment for many years and had performed Proof of Concepts and design work for them on previous projects. Given Atrion's vast networking expertise, the customer engaged Atrion to provide a turnkey solution from product procurement to design, staging, and implementation. Atrion's Center of Excellence lab environment contained a large array of Juniper equipment, from routers to switches to firewalls, and was able to be utilized as a staging ground for the intended design.

Atrion Provided:

- A staging environment where the customer's entire MPLS network was developed by Atrion's engineers with oversight from the customer's team
- Logistics to transport the equipment from Atrion's staging area to multiple customer datacenter facilities
- On-site engineering resources to rack and stack the equipment in the customer environment
- High-level engineering support throughout the production rollout

The Benefits:

By choosing Atrion, this company realized the following benefits:

- Atrion's engineering talent provided a comprehensive design that was beyond the customer's existing skill set
- The entire project was completed within the customer's aggressive project deadline
- By leveraging Atrion's Center of Excellence, the customer did not need to maintain their own staging environment.