

Managed SONET

Case study

Leading Financial Services Firm

Managed SONET Ring Services

Business Challenge

Design a Fiber Diverse Metro SONET Ring Solution for Disaster Recovery during the Democratic National Convention.

Results

- Enhanced Network Reliability
- Significantly shortened data replication time
- Increased Diversity
- Reduced Network Downtime

Solution

Verocity Managed SONET Ring Service

Background

The Customer's funds are distributed to individual investors through investment professionals affiliated with brokerage houses, financial institutions, and financial planning firms, as well as independent financial advisers. Their products encompass the entire investment spectrum, including small-company, blue chip, and foreign stocks, as well as government, corporate, municipal, and foreign bonds. The company has over 2,500 employees with its headquarters located in Boston, MA.

Business Challenge

To construct a fully diverse optical MAN network for business continuance within four weeks. The customer's goal was to improve the performance and latency of its data replication applications while enhancing the reliability of its network. This network would be designed for optimal availability, uptime, reliability and performance.

To provide the customer a fully scalable solution that would allow them to optically interconnect their Metro locations with a remote data center location over 2,000 miles away. This solution would provide maximum bandwidth utilization and optimal flexibility in the provisioning of circuits across the wide-area network. Verosity's expertise in network engineering was utilized to stage, deploy, and implement this solution on the Customer's network without business interruption and/or service delay.

Solution

The recommended solution was to engage Verosity's highly experienced optical carrier team. Verosity's optical team designed a network solution that was fault-tolerant, scaleable, redundant and engineered for maximum reliability. In addition, Verosity was chosen because of its ability to provide the solution in an aggressive timeline. Verosity's solution provided a National SONET Ring Service that included fiber diversity at each location, network hardware redundancy, separate ingress/egress points into facilities, route diversity and 24x7x365 management and monitoring support. Verosity's solution enabled the seamless deployment of the Customer's network without service disruption.

Benefits

By engaging Verosity's optical carrier expertise, the Customer realized these solution benefits:

- Redundant Infrastructure via SONET facilities
- On-time and Within Budget Implementation
- Network Scalability
- Optimal Network Design and Performance
- High Availability Network Architecture
- Network Diversity via diverse fiber strands

Client Success

"Verosity was the most cost effective and the only carrier that could meet our time constraints in providing us a SONET solution specifically designed to our diversity requirements. The added ability to dynamically allocate circuits on our SONET Ring not only saves us time but makes us operationally more efficient. I would recommend any enterprise looking for true physical diversity, network redundancy and reliable high capacity services for disaster recovery, storage or business continuity to utilize Verosity."

- AVP, Global Networking
Leading Financial Services Firm