EXA

Engineering Services

Independent Hardware–Agnostic Transport Network Engineering and Installation

Private optical transport networks promise high levels of performance, low latency, and maximum security. Enterprises seek to take advantage of these substantial benefits by leasing dark fiber, but the process of designing, implementing, and testing an enterprise-wide private network is a significant undertaking. IT resources and experience are often the limiting factors standing between an enterprise and a smooth implementation.

EXA Infrastructure Engineering Services

EXA's engineering services team works directly with decision makers to design and install custom private networks that meet each client's unique requirements. EXA's experienced engineers provide the technical expertise to design, provision and test private transport networks, while dedicated project managers oversee the process to ensure smooth and timely execution.

Benefits for the Client

With many years of combined telecommunications industry and data transport networking experience, EXA's engineering services team has implemented over 1,100 network solutions for enterprise customers, carriers, and partners throughout North America, Europe, and Australia. Our proven methodology and experience reduce project delivery risk, generate efficiencies, and ultimately accelerate implementation.

Partnering with EXA offers significant cost savings versus staffing, training, and maintaining a dedicated in-house project management and engineering function. Leveraging EXA's existing vendor relationships provides decreased network deployment costs and allows clients to leverage new technologies from multiple manufacturers. EXA manages the project end-to-end, leaving in-house IT staff free to focus on other operational priorities.

Key Capabilities:

- Complete custom network design
- End-to-end project management
- Expert engineering in a multitude of protocols including DWDM, SONET, OTN, MPLS and Ethernet
- Site readiness assessment and site engineering
- Fiber testing and certification, including baselineperformance analysis and optimization
- Network staging and certification
- Installation and configuration
- Network testing and turn-up

Who is EXA Infrastructure – Engineering Services?

The Engineering Services Team assists Organizations build and Augment Fiber Optic Networks. We provide customers with a skilled team to work side by side from project kick off to network handoff and beyond. With a technical and highly descriptive As-built package, our customers have all the information and tools needed to manage their new network.