

▶ TGC Global CSD  
Dark Fiber Solutions

Contact TGC Global for more information on how we can serve your business and technology needs.

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▶ The Advantages of Dark Fiber

Private Fiber Optic networks that quickly and securely transmit data, voice, and video via wavelengths of light can offer many benefits to organizations, particularly those experiencing rapid growth in enterprise environments.

To meet this need, TGC Global CSD has introduced state-of-the-art Dark Fiber solutions offering many advantages including: the ability to efficiently transmit vast amounts of data over any distance, consolidation of services allowing for greater control and less complexity in the network, and the capability of leveraging technological innovations in optical networking such as Wavelength Division Multiplexing (WDM). WDM provides a secure communications platform, offering not only transport protocol flexibility but also the potential for unlimited bandwidth.

Large enterprises will also find that implementing a private fiber network contributes to long term extendability and reduced costs over time. A strategic investment in a private fiber network will be less costly in the long run, delivering greater return on investment.

▶ The TGC Global Difference

Our experience allows us to deliver advanced IP infrastructures in a very short time frame. TGC Global CSD can address every stage of a dark fiber network deployment, including ROI and feasibility studies, network planning, dark fiber and co-location acquisition, technology deployment, network management and maintenance, as well as financial services. Our Dark Fiber solutions are flexible and can be customized to suit your business, technological, and financial requirements.

▶ If You Build it They Will Come

We don't believe this for a second. We take a different approach - our optical footprint (fiber network) is built and expanded based upon the needs of our clients. There are no guesses regarding the future needs of our client's transport and as a result, we do not have a huge infrastructure whose cost we need to justify through the prices we charge. We are extremely price competitive because all solutions are custom-built for each client, with savings going directly to our customers.

▶ Leverage Vast Resources

During 1999 and 2000, carriers installed extensive, proprietary fiber networks. The rise and fall of the telecommunications market has left a large inventory of dark fiber in the ground today. Less than 15% of the installed fiber has been lit for use in North America and even less has been lit in Europe. TGC Global CSD has built a capability to tap into this vast resource of fiber and make it accessible for our enterprise clients. Our ability to locate and acquire dark fiber for enterprise connectivity is unrivaled. TGC Global CSD's business relationship with dark fiber providers allows us to identify and quote Inter - City or Metro fiber solutions in days.

TGC Global CSD provisions the most advanced, high-grade fiber optic cable to support a wide range (over 20 protocols) of applications and services including Disaster Recovery, Business Continuity, Storage Area Networks, Data Mirroring, Video Conferencing, Distance Learning, IP, Fibre Channel, SONET/SDH, Frame Relay, ATM and Gigabit Ethernet.

▶ Why Build a Private Fiber Network?

- ▶ Eliminate inflated carrier costs and ensure reduced costs over time.
- ▶ Secure infrastructure.
- ▶ Consolidate data, storage, voice, and video services.
- ▶ Bandwidth capacity meets future potential demand.
- ▶ Minimize network downtime and ensure business continuity.
- ▶ Effective disaster recovery capabilities.

***"It is critical for organizations to respond quickly and efficiently to customer needs. By leveraging the unsurpassed, state-of-the-art capabilities of Fiber Optics, TGC Global CSD helps our clients achieve this competitive edge."***

Mayande P. Gowon  
President & TGC Global CSD Founder

