

# Dark Fiber

As an enterprise grows, its connectivity needs increase and become more complex. Its demand for bandwidth may rise rapidly, a need that must be satisfied quickly for the enterprise to continue accelerating. Or, the enterprise might have links to a data center involving network interfaces not supported by the carriers serving that location. The enterprise may also have critical applications with strict low-latency requirements.

If an enterprise has any or all of these needs, they may want a network infrastructure they can directly control and customize to suit their bandwidth, interface, and application requirements.

Segra Dark Fiber provides fiber-optic connectivity an enterprise can fully manage itself, from equipment selection and deployment, through network monitoring and performance. With this level of control, Dark Fiber gives an enterprise a dedicated network infrastructure they can tailor precisely to their needs. The enterprise supplies the equipment and resources necessary to light the fiber, implement networking protocols, and monitor and manage network performance.

## **CONTROL**

Dark Fiber provides the freedom to choose the network equipment and protocols that best meet an enterprise's specific needs.

## **SCALABILITY**

With Dark Fiber, network capacity is easily increased as bandwidth requirements grow.

## **PERFORMANCE**

Segra Dark Fiber delivers physical connectivity without network protocols that can introduce latency.

## **COST-EFFECTIVE**

As bandwidth increases, monthly Dark Fiber lease costs remain consistent and predictable.

## **SECURE**

Dark Fiber offers a private, fully dedicated physical network infrastructure to secure corporate data.

## **FEATURES**

- Dark Fiber – available on Segra metro and long-haul footprint
- Network construction competency – Dark Fiber leverages Segra's core competence in building new fiber networks
- Premium regional data network – available for carrier-managed connectivity needs, such as Internet access