

# XKL & Allied Fiber

## Solutions for a Private Optical Network that Secures Data Integrity

Dark fiber provides the ability to send data packets at the speed of light. Operating at the speed of light, a custom designed dark fiber network, lit with the right technology ensures data integrity.

### The Solution

Using XKL's DarkStar® DWDM products and Allied Fiber's dark fiber network, companies now have the ability to light their path to network independence, customizing optical transmission systems without the burden of procuring multiple switches or routers.

XKL and Allied Fiber have married their respective core competencies to bring you a solution that is surprisingly simple, yet leading edge and FAST. XKL, using Allied Fiber's vast network, offers solutions that provide from 10 to 40 channels on a single fiber pair. Each channel is capable of carrying traffic at speeds up to 10 Gb/s.

XKL DarkStar fully integrated systems give data centric customers the ability to deploy and manage their network with minimal expertise in optical communications while providing industry leading network latency times.

XKL offers hardware solutions to create bandwidth between

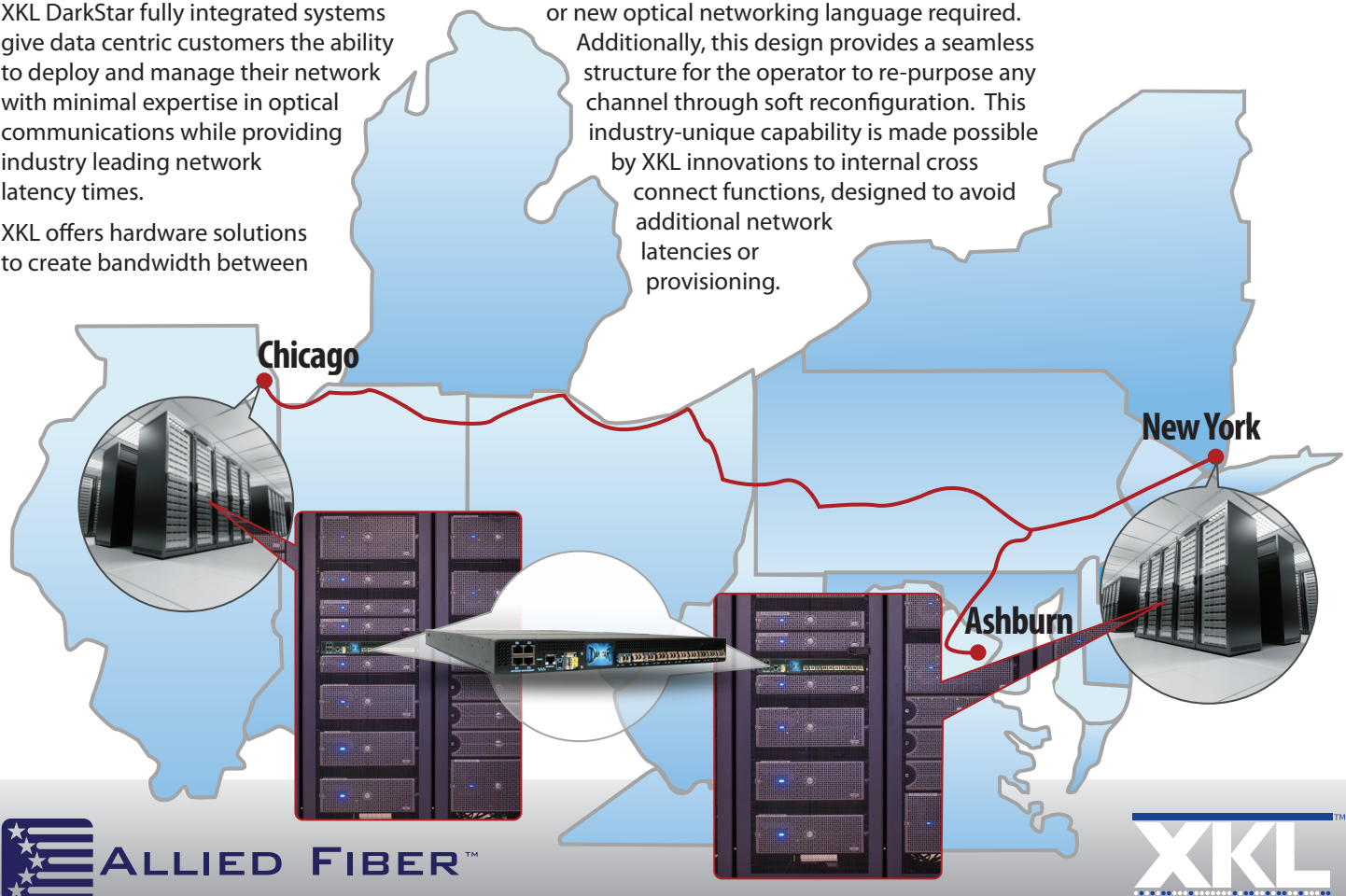
Chicago, New York and Ashburn, Virginia as well as metro area connectivity solutions around each of Allied Fiber's colocation facilities in between.

Each DarkStar DWDM system can be deployed quickly and effortlessly managed & monitored through an integrated optical service channel. XKL's guiding philosophy is to develop products that fit into an overarching systems-oriented vision of the network.

Data center operators have low stress levels when deploying XKL solutions because they continue using their own familiar tools and techniques to manage & monitor the network. No training or new optical networking language required.

Additionally, this design provides a seamless structure for the operator to re-purpose any channel through soft reconfiguration. This industry-unique capability is made possible by XKL innovations to internal cross connect functions, designed to avoid additional network latencies or provisioning.

*"Get hundreds of gigabits of bandwidth at your fingertips, NOW! "*



XXL's DarkStar product line, led by the flagship DXM Optical Transport System, is designed to allow enterprises to cost-effectively build private optical networks with massive bandwidth, giving an alternative to the traditional solution of using expensive carrier services. Benefits of this approach include higher reliability, reduced cost and power, and more control over IT resources.

DarkStar products are designed to require no optical engineering expertise. Yes, you read that correctly: XXL is all about keeping it simple and straightforward! XXL has created "plug and play DWDM" by integrating most of the components of a complete fiber optics transmission system into a simple 1RU package — ***You'll hardly know we're there.***

***"We're making our competitors 'green' with envy because our fully integrated DWDM uses less power than a lightbulb."***

## The Benefits

Allied Fiber and XXL together provide a world-class team. With one pair of quality dark fiber from Allied Fiber, companies that deploy XXL's leading technology benefit from:

- » Simple, straightforward DWDM deployment and management.
- » Tightly integrated system components provide unprecedented network availability.
- » Soft reconfiguration of cross connect functions provides quick and easy re-purposing of individual channels.
- » Management using standard internet tools already available in most datacenters.
- » Automatic path protection, available to switch to an alternative fiber pair.



These unique features maximize your investment in both your network and the technology that powers it.

## About Allied Fiber

Allied Fiber is a carrier neutral provider of dark fiber with a national footprint. The network is employing the most advanced fiber optic cables in its ducts to meet the ever increasing bandwidth demands for wireless, Video over IP and other advanced technologies. Its network is built with 432 fiber strands in each duct (up to three ducts) and the company designs, owns and operates its own regeneration huts/ colocation facilities along the network, optimally placed for long/ short-haul and backhaul providers.

For more information about Allied Fiber, please visit [www.alliedfiber.com](http://www.alliedfiber.com) or email [info@alliedfiber.com](mailto:info@alliedfiber.com).

## About XXL

Led by CEO and Cisco Systems co-founder Len Bosack, XXL LLC develops products that epitomize the company's mission: Bringing fundamental change to worldwide telecommunications. XXL's DarkStar optical transport system technologies enable enterprises with enormous and complex data transmission needs to tap into the power of the wholesale Internet. This allows XXL customers to achieve network independence, greater reliability, enhanced transmission speed and better value. The company is headquartered in Kirkland, Washington.

For specific features and specifications, please visit [www.xkl.com](http://www.xkl.com) or email [info@xkl.com](mailto:info@xkl.com).

