

Companies Whose Offerings Support Fiber for the New Economy

ADTRAN

www.adtran.com/broadband



Broadband transforms communities, rebuilds urban centers, revitalizes schools, stimulates economic growth and delivers innovative residential and business services. Uniquely open and interoperable fiber optic-based access architectures enable service providers to expand their addressable markets and support the scale needed to unify gigabit services across residential broadband, cloud connectivity and infrastructure backhaul applications.

Learn more at adtran.com/broadband

Advanced Broadband Supply

www.advancedbroadbandsupply.com



Advanced Broadband Supply is **FTTX Central**, stocking all your fiber connectivity needs with hardline and drop fiber, several drop enclosures for outside plant and MDUs, various types of PLC splitters, fast connectors, fiber rosettes, patch panels, ODFs, cleaning supplies, tools and test equipment. In addition, we have all your HFC and DOCSIS products in stock. We have all your fiber network products from HFC to GPON, including cable modems, amplifiers, optical nodes and much more. We are here to simplify the purchasing process with prompt and professional service. We look forward to hearing from you soon.

Calix

www.calix.com



Calix is a global leader in platform innovations for access networks and a leading provider of fiber access platforms and cloud services. Municipalities and utilities worldwide leverage Calix fiber access expertise to become the broadband service providers of choice to their subscribers. Visit www.calix.com for more information.

Charles Industries

www.charlesindustries.com



Charles Industries designs and manufactures fiber enclosure solutions for today's flexible, adaptable optic networks serving the new economy. Charles' indoor and outdoor cabinets, terminals, hubs, shrouds and handholes improve productivity, quality and profitability by offering a multitude of enclosure solutions that support the many different deployment options available to service providers. With the flexibility to accommodate many different fiber types, adapters and splicing methods, Charles' innovative enclosure solutions are relied on to meet demanding deployment schedules, lower labor and material costs, and provide years of reliable protection of mission-critical equipment placements.

Clearfield

www.SeeClearfield.com

Clearfield is the *Fiber to the Anywhere company* – with a *Fiber to the Anywhere product platform*. Rather than a predetermined, scripted solution, “Solve for X” is the Clearfield promise of a product design methodology that addresses your unique requirements while providing the lowest total cost of ownership.

Offering a streamlined, practical approach when it comes to the distribution, consolidation, management and protection of fiber, Clearfield’s line of panels, frames and cabinets, optical components and full range of fiber optic assemblies and patch cords are designed for scalable deployment, craft-friendly operation and unsurpassed performance.

Clearfield’s FieldShield fiber delivery system delivers a simple, fast fiber pathway through all points of the network to provide a total end-to-end solution. FieldShield pushable fiber, microduct, terminals and last-mile drop technologies are saving providers time and money with labor-lite designs that reduce labor and skill at installation and at the pre-engineering stage.



COS Systems

www.cossystems.com

COS Business Engine, continuously developed since 2007 and used to operate **more than 100 open access networks**, is now available in an **inexpensive cloud hosted version** perfect for municipal networks as well as operators of multiple networks. This proven business and operations support system also supports single-provider networks, but it is built from the ground up to manage the complexity of multiple providers that offer any kind of services on a joint network infrastructure. It comes with a customizable online marketplace in which subscribers can browse the assortment of providers and services and easily order online. To make the operator efficient and to create happier ISPs and subscribers, COS Business Engine enables self-service by allowing ISPs access into the system to edit their service offerings, and provides subscribers with their own “My Pages” where they can manage their services. In this comprehensive solution, provisioning is simplified, and wholesale billing is solved by auto-generated billing reports.



Corning

www.corning.com/opcomm

Corning is one of the world’s leading innovators in materials science. For more than 160 years, we have applied our unparalleled expertise in specialty glass, ceramics and optical physics to develop products that have created new industries and transformed people’s lives. Our Optical Communications division delivers connectivity to every edge of the network, from optical fiber, cable, hardware and equipment to fully optimized solutions for high-speed communications networks. Visit us at www.corning.com/opcomm.



GLDS

www.glds.com

Since 1980, GLDS has helped small operators look big by providing reliable, full-featured billing and management software at affordable prices – including cloud-based services that operators can use with little server investment. Partnering with major equipment suppliers worldwide, GLDS supports FTTH, IPTV, DOCSIS, OTT, LTE, TVE, cloud service, wireless, satellite, mobile payments and legacy delivery systems. It has installed solutions for more than 400 small to mid-size broadband operators, including FTTH, cable, satellite and wireless operators that range in size from startups to providers with more than 400,000 customers. GLDS has offices in Carlsbad, California; Beaver Dam, Wisconsin; and Kaunas, Lithuania, but it operates in 49 U.S. states and 45 countries worldwide. Key products include BroadHub (formerly WinCable) for customer management and billing, and SuperController for multiservice automated provisioning. WinForce tech, a mobile workforce management platform, empowers field techs with tools previously available only to office staff. Available in native Android and browser-based platforms, WinForce tech is fully integrated with BroadHub.



MaxCell

www.maxcell.us

MaxCell conduit maximization solutions will help you deploy your fiber network efficiently while maximizing your network infrastructure:



Conduit Maximization Solutions

- **MaxCell Edge** features a new patented fabric design and 1250# VisGlide rope in each cell, both of which reduce pulling tension when installing cables. With its new orange color, MaxCell Edge is more visible in your network.
- **MaxSpace** is a patented no-dig service that safely removes existing innerduct from around active fiber optic cables with virtually no load on the cables and no interruption of service. Up to 90 percent of conduit space is recovered, allowing up to nine more cables to be placed in a conduit that was once considered to be full.
- **MaxCell** is the only flexible fabric innerduct system designed to conform to the shape of cables placed within. Network operators that use MaxCell can increase their cable density by as much as 300 percent.

Visit www.maxcell.us for more information.

National Information Solutions Cooperative (NISC)

www.nisc.coop

National Information Solutions Cooperative (NISC) is an information technology organization that develops, implements and supports software and hardware solutions for our members/customers. We deliver advanced solutions, services and support to more than 820 independent telephone companies, electric cooperatives and other public power entities. NISC is an industry leader whose information technology solutions include billing, accounting, operations, automated mailroom services, third-party integration and many other solutions. With facilities in Mandan, North Dakota; Lake Saint Louis, Missouri; Cedar Rapids, Iowa; and Shawano, Wisconsin, NISC and its subsidiaries employ more than 1,100 professionals in the four locations. Additional information can be found at www.nisc.coop.



Pavlov Media

www.pavlovmedia.com/

Founded more than 20 years ago, Pavlov Media is the largest private provider of broadband services in the off-campus student housing space. The Champaign, Illinois-based company provides a variety of IP services, including broadband, leasing office support and cable television. Currently, Pavlov Media serves nearly 200 communities in 43 states and Canada, and by the end of this year, the company will support 145,000 beds.

The company is the only MDU provider that offers a national network backbone with 15 data centers and fiber optic services. Additionally, Pavlov Media is directly peered with more than 170 content providers, which gives its communities direct access to the most popular content and improved performance.

Pavlov Media has put several properties in direct connection to its fiber optic networks in across the country, including Champaign, Illinois; Statesboro, Georgia; Starkville, Mississippi; and Lubbock, Huntsville and Waco, Texas. The direct connection provides gigabit internet capability and removes bandwidth circuit issues that are often experienced through third-party providers.

The company continues to expand its national backbone, including recently launching new locations in Los Angeles and Texas, and it plans to add fiber optic services in several additional communities.



Preformed Line Products

www.preformed.com



PREFORMED LINE PRODUCTS
The connection you can count on.

Since 1947, Preformed Line Products has produced products that perform better, last longer and are easier to install. You can count on Preformed Line Products to provide high-quality solutions that meet the rigorous demands of today's modern communications networks. We serve all segments of the communications industry, including telecommunications network operators, cable television and broadband service providers, corporations and enterprise networks, government departments and agencies and educational institutions.

PLP offers such innovative product solutions as the COYOTE family of fiber optic splice closures, organizers and trays and the ARMADILLO family of copper splice closures and accessories. The reliability of our full line of fiber optic, copper, demarcation, bonding, strand and cable solutions, combined with our knowledgeable sales team, training and technical support services, make Preformed Line Products the connection you can count on.

Spectrum Community Solutions

www.Spectrumcommunitysolutions.com



Spectrum Community Solutions is dedicated to the multifamily industry. By providing customized Wi-Fi, TV and voice solutions, we partner with multifamily housing professionals to enable them to exceed their goals and enhance their businesses. Spectrum Community Solutions integrates superior entertainment and communications products with dedicated 24/7 customer and technical support, helping property owners attract and retain more residents and increase property value.

With scalable fiber connections that serve enterprise-grade managed Wi-Fi, each resident can stream video, download music, upload photos and more from their portable devices everywhere on the property. We also provide tools that enable property managers to evaluate the performance of their network amenities and leverage access to the amenities to drive improved operational and financial efficiencies.

Synergy Fiber

www.synergyfiber.com



Synergy Fiber, established in 1998, has the industry experience and knowhow to offer you an excellent return on your investment. We are MDU technology experts and have an impressive portfolio of managed properties.

Our proprietary, industry-leading network has the physical infrastructure required to deliver tomorrow's communications services today. We use the most up-to-date technology for all the services provided and we can easily adapt our resources to accommodate the unique needs of your property. We provide a dedicated product and commit to a 99.999 percent uptime for dedicated fiber and 99.99 percent or greater uptime for distribution and core.

We help clients by providing a solution that is scalable and carrier neutral. You can rest easy knowing that you are not just relying on Synergy but following best practice network guidelines that are readily available and documented.

Thermo Bond Buildings

www.thermobond.com



In business for four decades, Thermo Bond Buildings has provided buildings for thousands of companies, including eight of the 10 largest market cap companies in the United States. We manufacture turnkey FTTH and ILA buildings and are quickly becoming the nation's leader in modular data centers. We offer lightweight, metal and concrete solutions in virtually any size to support your equipment. Our lightweight buildings feature composite fiberglass aggregate siding or a variety of architectural finishes. For applications that require a hardened facility, Thermo Bond's precast concrete buildings are naturally resistant to bullets, vandals and fire. We offer either standard or fully integrated buildings built to your specifications. Our experienced technicians and licensed electricians can lower your overall site costs by engineering, procuring and installing your specialized equipment. We also factory test all equipment to ensure quality and reliability. Thermo Bond provides quality workmanship, friendly customer service, flexible integration capabilities and dependable, on-time delivery.

XFINITY Communities

www.xfinity.com/xfinitycommunities

XFINITY Communities™

XFINITY Communities provides your property and residents with a better network, better entertainment and better service. With fiber-based custom network solutions, a one-of-a-kind interactive TV experience with XFINITY X1, and our new dedicated property support, we provide an end-to-end service that simply translates to better living. Our Advanced Communities Network (ACN) – a fiber network solution that provides your properties with gigabit speeds – can help attract new residents while giving existing residents what they want. Plus, at Comcast, we're driven to create the best entertainment and online experiences for your residents – from X1 to the fastest in-home Wi-Fi, and more. And just as you strive to give your residents a superior customer experience, we are dedicated to doing the same with new property-focused community account representatives (CARs), round-the-clock live support and a network monitored 24/7 for consistent, reliable service. With XFINITY Communities, it just keeps getting better. ❖