

2010 TOP 100 BROADBAND PROPERTIES

cassette, the foundation of the FieldSmart Small Count Delivery (SCD) Series. Clearfield is a public company with revenue of \$25 million for the fiscal year ending September 2009.



Columbia Telecommunications Corporation (CTC)

www.ctcnet.us
301-933-1488

Key Products: Broadband network design, assessment, review, and implementation; business plan development; technology planning; project management services

Summary: Founded in 1983, Columbia Telecommunications Corporation (CTC) provides communications engineering consulting services for public-sector and nonprofit clients nationwide. The company's expertise includes feasibility analysis, business plan development, network design, network deployment, RFP development and negotiations with private-sector providers. CTC also provides support with strategic planning, engineering, network design, business planning and application preparation for federal and state broadband grants. CTC is not affiliated with any equipment manufacturers, communications carriers, cable operators or service providers. Using its expertise and independence, the company evaluates the advantages and lifetime costs of different approaches, makes independent recommendations, explains and justifies conclusions to policymakers and decision makers, oversees engineering and

communications projects and verifies project status and project completion. CTC is headquartered in Kensington, Md., and has satellite offices in several other states.



CommScope

www.commscope.com
828-324-2200; 800-982-1708

Key Products: Cable and connectivity products including fiber enclosures, subscriber premises connectivity, hybrid fiber-coaxial cable, fiber optic and wireless integration solutions

Summary: Founded in Hickory, N.C., more than 30 years ago, CommScope had 2009 revenue of \$3 billion and is a leader in the design and manufacture of infrastructure solutions for communications networks. CommScope is the world's largest manufacturer of coaxial cable for hybrid fiber-coax applications and a major supplier of coaxial, fiber optic and twisted-pair cables, subscriber premises connectivity products, rugged conduit products; and optical infrastructure solutions to serve residential and commercial customers. CommScope has a global manufacturing and distribution network supporting customers of its four major businesses. In 2010, CommScope introduced two significant additions to its BrightPath FTTH solution that expand its availability into global markets and make it compatible for use in PON applications.

Video Programming Aggregators (Linear, VoD and Interactive)

Company Name	Web Address
Accedo Broadband	www.accedobroadband.com
Avail Media/TVN	www.availmedia.com
Cloverleaf Digital	www.cloverleafdigital.com
Comcast Media Center (HITS)	www.comcastmediacenter.com
CSI Digital	www.csidigital.net
DIRECTV	www.directv.com
Dish Network	commercial.dishnetwork.com
4Com	www.4com.com
National Cable Television Cooperative	www.cabletvcoop.org
National Rural Telecommunications Cooperative	www.nrtc.coop/pub/us/
Satellite Management Services	www.smstv.com
Skyway Connect	www.skywayconnect.com
Telechannel	www.telechannel.tv

Communications Test Design Inc. (CTDI)

www.ctdi.com
610-436-5203

Key Products: PON, RFoG, FTTN and wireless network and customer-premises equipment; legacy telco and cable management and equipment services

Summary: In 2008, the 35-year-old CTDI, based in West Chester, Pa., started its transformation from a company concentrating mainly on legacy network maintenance to a fiber powerhouse. In July 2009, it purchased Motorola's FTTN business. This spring, it acquired PON and RFoG pioneer Al-logic – its fifth major acquisition in two years. The company can now equip, build and manage modern packet-switched and DOCSIS networks from the first mile to the central office and on to national trunks. Its Home4000 ONT can mix legacy and DOCSIS services; the Edge200 delivers voice, video, and data services for 64 ONTs while maintaining legacy network management capabilities. CTDI, which is privately held, has 5,500 employees in 45 facilities worldwide.

Connexion Technologies

www.connexiontechnologies.net
919-535-7329

"Advances in video distribution technology have enabled residents of apartments, condos and co-ops to experience the full breadth of video entertainment services and opened the door for business opportunities for providers such as DIRECTV to offer their services to the 28-million-unit MDU market. Living in a large apartment or condo complex no longer means consumers have to settle for only one provider for video entertainment and telecommunications services."

– Mike Olson, vice president, MDU sales, DIRECTV

Key Products: Design, customization and management of telecommunications networks

Summary: Connexion Technologies customizes and manages state-of-the-art communications networks in single-family, multifamily and high-rise properties nationwide. Its award-winning networks are designed to optimize the communications experience and value of properties for residents and property owners by creating "A Better Connection," the company's service mark. Connexion Technologies is not a service provider; rather, it manages a suite of providers that offer entertainment and communications applications, including enhanced television, telephone, Internet and other services, over carrier-neutral networks. The company is based in Cary, N.C. It was established in 2002 to target greenfield developments with fiber to the home but has broadened its market to include existing properties as well. It operates in all major markets.



Corning, Corning Cable Systems

www.corning.com;
www.corningcablesystems.com
 828-901-5000

Key Products: Optical fiber, optical fiber cable, FTTH cabinets, splitters, terminals, connectors, cable assemblies, MDU products, other telecommunications hardware and equipment, splice and test equipment, engineering services and training

Summary: Corning developed the first fiber optic cable for communications in 1970 and remains a world leader in specialty glass and ceramics, creating and manufacturing components that enable high-technology systems. The company, whose 2009 sales totaled nearly \$5.4 billion, is distinguished by sustained investment in R&D, more than 150 years of materials science and process engineering knowledge and a distinctive collaborative culture. At the end of 2009, Corning had ap-

proximately 24,000 employees worldwide. Corning Cable Systems develops and manufactures optical cable, hardware and equipment designed to make FTTx deployments faster, easier, more reliable and less costly. Corning Cable Systems Evolant Solutions delivers tip-to-tip product and service offerings for FTTx, CATV and wireless applications; these preconnectorized solutions have revolutionized the way FTTx networks are deployed. The OptiTap Connector, part of the Evolant Solutions, has become the industry standard in preconnectorized, environmentally hardened technology. The ClearCurve product suite, based on ultrabendable optical fiber, opened the way for cost-effective installation of fiber-to-the-home networks in MDUs and other complicated deployments. Consultants and network designers have access to a variety of design tools and resources as part of Corning's FTTxpert Program. The Corning Total Access Program provides design, engineering, furnishing and installation companies with the tools necessary to ensure successful FTTH and wireless deployments, and the Corning Connected Community Program helps homebuilders and developers market FTTH to consumers.



Design Nine

www.designnine.com
 540-951-4400

Key Products: Broadband planning and feasibility studies, fiber business and financial planning, broadband project management, broadband network design and implementation

Summary: Design Nine offers broadband planning and engineering services, including fiber and wireless network design, grant writing assistance, needs assessment and fiber/wireless broadband buildout assistance to communities, developers and local governments. Design Nine specializes in financial modeling, business planning and legal and organizational design of community broadband systems and project management. The