

## 2011 ADDITIONS TO THE TOP 100 LIST

- Allied Fiber
- Blandin Foundation
- Comcast
- Genexis
- Lite Access
- Mapcom Systems
- MasTec
- MRV Communications
- NEO Fiber
- Power & Tel Supply
- Pulse Broadband
- Superior Essex

## TOP 100 AT A GLANCE

|  |    |
|--|----|
| <b>Network Planning, Design, Engineering, Construction, Installation</b> ..... | 48 |
| <b>Fiber and Fiber Cable</b> .....   | 50 |
| <b>Network Testing, Monitoring and Management Services</b> .....               | 52 |
| <b>Passive Network Components</b> .....  | 62 |
| <b>Customer-Premises Equipment Other Than Network Interface Devices</b> .....  | 69 |
| <b>Network Management Solutions</b> .....                                      | 70 |
| <b>Fiber-to-the-Home Electronics</b> .....                                     | 72 |
| <b>Video Distribution Equipment</b> .....                                      | 74 |
| <b>Test and Measurement Equipment</b> .....                                    | 76 |
| <b>Video Programming Aggregators (Linear, VoD and Interactive)</b> .....       | 80 |
| <b>Private Cable Operators and Telecom Amenity Providers</b> .....             | 83 |

of broadband technologies. For some, broadband represents only a small part of their business. In making these selections, we considered how important they are to advancing true broadband rather than how important broadband is to them.

### MAKING A DIFFERENCE

As in previous years, the key tiebreaker question was this: Will this company make a difference in the fiber broadband industry in the coming year? To put it another way: Would the industry suffer if this company did not exist? Judge

for yourself.

Let us know about organizations – large and small – that you think might make a difference a year from now. Your nominations have led us to a number of companies we might not otherwise have known about.

| COMPANY  | WEB ADDRESS            | PHONE                         | DESCRIPTION   |
|--|------------------------|-------------------------------|---|
| 3M Company/<br>Communication Markets<br>Division | www.3M.com/telecom     | 800-426-8688                  | Interconnection, fiber management and facilities protection products for broadband networks   |
| Actiontec Electronics                            | www.actiontec.com      | 408-752-7700                  | Broadband customer-premises equipment   |
| A-D Technologies                                 | www.adtechnologies.com | 800-847-7661                  | Systems for installing and protecting cables  |
| ADTRAN   | www.adtran.com         | 256-963-8000                  | Solutions for FTTx, DSL, Carrier Ethernet, mobile backhaul and IP business networks   |
| ADVA Optical Networking                          | www.advaoptical.com    | 888-340-4885                  | Optical+Ethernet systems for long-haul, metro core, backhaul and access networking, including WDM-PON   |
| Advanced Media<br>Technologies (AMT)             | www.amt.com            | 954-427-5711;<br>888-293-5856 | Distributor of fiber optic transmission equipment, headends, IP and QAM set-top boxes, cable modems   |
| AFL Telecommunications                           | www.AFLglobal.com      | 864-433-0333;<br>800-235-3423 | FTTx electronics, outside plant, fiber optic cable, video and wireless solutions, network management platforms, fusion splicers, test equipment, training, system integration |
| Alcatel-Lucent                                   | www.alcatel-lucent.com | 908-582-3000                  | Fiber and copper broadband access equipment, IPTV solutions, network management tools, fiber cable, connecting hardware and accessories                                       |



| COMPANY                                       | WEB ADDRESS  | PHONE                         | DESCRIPTION   |
|---|--|-------------------------------|---|
| Allied Fiber                                  | <a href="http://www.alliedfiber.com">www.alliedfiber.com</a>   | info@alliedfiber.com          | Dark fiber, colocation facilities   |
| Allied Telesis                                | <a href="http://www.alliedtelesis.com">www.alliedtelesis.com</a>   | 408-519-8700                  | IP and Ethernet-based broadband access solutions  |
| Alpha Technologies                            | <a href="http://www.alpha.com">www.alpha.com</a>   | 360-647-2360                  | Power solutions for communications networks   |
| ARRIS   | <a href="http://www.arrisi.com">www.arrisi.com</a>   | 678-473-2000;<br>866-362-7747 | Equipment for cable operators, including RFoG and GEAPON solutions                                |
| Astec Underground                             | <a href="http://www.astecunderground.com">www.astecunderground.com</a>   | 865-408-2100;<br>800-527-6020 | Trenchers, vibratory plows and directional drilling equipment                                     |
| AT&T, AT&T Connected Communities              | <a href="http://www.att.com/communities">www.att.com/communities</a>   |                               | Voice, video, data and wireless services for residential and business customers                   |
| Atlantic Engineering Group                    | <a href="http://www.aeg.cc">www.aeg.cc</a>   | 706-654-2298                  | Design and construction services for FTTP, smart-grid, metro-area and wide-area networks          |
| Aurora Networks                               | <a href="http://www.aurora.com">www.aurora.com</a>   | 408-235-7000                  | Products supporting cable providers' migration to advanced HFC, Fiber Deep and FTTH networks      |
| BEC Technologies                              | <a href="http://www.bectechnologies.net">www.bectechnologies.net</a>   | 714-890-0201;<br>972-422-0877 | Broadband gateways for FTTH deployments   |
| Blandin Foundation                            | <a href="http://www.blandinfoundation.org">www.blandinfoundation.org</a>   | 877-882-2257                  | Grant-making, community leadership development and public policy programs                         |
| Blonder Tongue Laboratories                   | <a href="http://www.blondertongue.com">www.blondertongue.com</a>   | 732-679-4000;<br>800-523-6049 | Headend and distribution equipment, encoders, systems design and engineering                      |
| BVU Authority                                 | <a href="http://www.bvu-optinet.com">www.bvu-optinet.com</a>   | 276-669-4112                  | Broadband voice, video and data services; consulting services                                     |
| Calix   | <a href="http://www.calix.com">www.calix.com</a>   | 707-766-3000;<br>877-766-3500 | Broadband access platforms for fiber and DSL networks, outside plant, service management software |
| Charles Industries                            | <a href="http://www.charlesindustries.com">www.charlesindustries.com</a>   | 847-806-6300                  | Fiber optic distribution pedestals and enclosures, extended-reach DSL systems                     |
| CHR Solutions                                 | <a href="http://www.chrsolutions.com">www.chrsolutions.com</a>   | 713-351-5111                  | BSS/OSS solutions, EF&I services, IT managed services   |
| Cincinnati Bell                               | <a href="http://www.cincinnati-bell.com">www.cincinnati-bell.com</a> ;<br><a href="http://www.cincinnati-bell.com/Fioptics">www.cincinnati-bell.com/Fioptics</a> | 513-397-9900                  | Telephone, data, video, wireless and data center colocation services                              |
| Cisco Systems                                 | <a href="http://www.cisco.com">www.cisco.com</a>   | 770-236-5000                  | FTTH hardware, set-top boxes, cable modems, headends, network management systems                  |
| Clearfield                                    | <a href="http://www.clearfieldconnection.com">www.clearfieldconnection.com</a>   | 763-476-6866;<br>800-422-2537 | Fiber distribution systems for inside plant, outside plant and access networks                    |
| Columbia Telecommunications Corporation (CTC) | <a href="http://www.ctcnet.us">www.ctcnet.us</a>   | 301-933-1488                  | Broadband network planning, design, implementation and project management                         |
| Comcast Corporation                           | <a href="http://www.comcast.com">www.comcast.com</a>   | 215-286-1700                  | Broadband video, phone and Internet services; video programming                                   |