

Content providers – including games and indexing services

These are the companies that drive demand for broadband. BP Top 100 companies are in red.

Company Name

1-800-Technostores
4Com, Inc.
Acelera Networks
Activision, Inc.
Charter Communications
Comcast Corp.
Cox Communications, Inc.
Digeo, Inc.
DirecTV Group, Inc.
HDNet
HoloDek
KT Communication
Consulting, Inc.
Microsoft TV
Pulver.com, Inc.
SBC Communications, Inc.
Time Warner Cable
Verizon, Verizon Avenue

Web Address

1800technostores.com
www.4com.com
www.accelera.net
www.activision.com
www.charter.com
www.comcast.com
www.cox.com
www.digeo.com
www.directv.com
www.hd.net
www.holo-dek.com
www.ktcom.tv
www.microsoft.com/tv
www.pulver.com
www.sbc.com
www.timewarnercable.com
www.verizon.com/fios,
www.verizon.com/avenue
www.vonage.com
www.ygnition.com

Vonage Holdings Corp.
Ygnition Inc.

Subscriber and network management

Once your system is up and running, these firms provide network management, customer billing and service. BP Top 100 companies are in red.

Company Name

4Com, Inc.
Acelera Networks
ADC Telecommunications Inc.
Adtran
Advanced Digital Broadcast
Agilent Technologies
Alcatel
Alvarion, Inc.
Axxcelera Broadband Wireless
Blonder Tongue Laboratories, Inc.
Broadstream Communications, Inc.
c9 Networks
Capanis Networks
Caspian Networks, Inc.
Charter Communications
Cisco Systems and Cisco Linksys

Web Address

www.4com.com
www.accelera.net
www.adc.com
www.adtran.com
www.adbglobal.com
www.home.agilent.com
www.alcatel.com
www.alvarion-usa.com
www.axxcelera.com
www.blondertongue.com
www.broadstream.com
www.c9networks.com
www.capanis.com
www.caspiannetworks.com
www.charter.com
www.cisco.com and
www.linksys.com
www.coaxialnetworks.com
www.coaxsys.com
www.comcast.com
www.covaro.com
www.cox.com

Coaxial Networks
Coaxsys, Inc.
Comcast Corp.
Covaro Networks
Cox Communications, Inc.
CTS
(Communication Technology Services, LLC)
Dawnco
Digeo, Inc.
DirecTV Group, Inc.
Display Systems Int'l
Eagle Broadband, Inc.
ECI
Entrisphere, Inc.
ETI Software Solutions
Fine Point Technologies
FONS Corp.
Front Door Networks
GLDS - Great Lakes Data Systems

www.cts1.com
www.dawnco.com
www.digeo.com
www.directv.com
www.displaysystemsintl.com
www.eaglebroadband.com
www.ecitele.com
www.entrisphere.com
www.etisoftware.com
www.finepoint.com
www.fons.com
www.frontdoornet.com
www.glds.com

Company Name

Intel
Irdeto Access
MDU Communications
MetaSolv Software, Inc.
Microsoft TV
Motorola Broadband
NetCentrex
NetTest
Nokia Corp.
Nortel Networks
NorthStar Communications Group
Omnilux
Optical Solutions, Inc.
Pace
PacketFront
Paradyne Corp.
Phoenix Broadband
Pirelli Communications
Primal Solutions, Inc.
Pulver.com, Inc.
Quantum Bridge Communications
RAD Data Communications, Inc.
Road 9 Inc.
SBC Communications, Inc.
Scientific-Atlanta, Inc.
Siemens
SMS – Satellite Management Services
SpatialInfo
Sumitomo Electric Lightwave Corp.
Tandberg Television, Inc.
Team Fishel
Tech Era Group
Teledyne Technologies, Inc.
TeleGuide
Tellabs, Inc.
Time Warner Cable
TotalVision
Verizon, Verizon Avenue

Vonage Holdings Corp.
Wave7 Optics, Inc.
Websense, Inc.
World Wide Packets
Ygnition Inc.
Zero dB
Zoomy Communications, Inc.
ZyXEL Communications Corp.

Web Address

www.intel.com
www.irdetoaccess.com
www.mdud.com
www.metasolv.com
www.microsoft.com/tv
broadband.motorola.com
www.netcentrex.com
www.nettest.com
www.nokia.com
www.nortelnetworks.com
www.northstar.net
www.omnilux.com
www.opticalsolutions.com
www.pacemicro.com
www.packetfront.com
www.paradyne.com
www.phoenixbroadband.com
www.pirelli.com
www.primal.com
www.pulver.com
www.quantumbridge.com
www.radusa.com
www.road9.net
www.sbc.com
www.scientificatlanta.com
www.siemens.com
www.smstv.com
www.spatialinfo.com
www.sumitomoelectric.com
www.tandbergtv.com
www.teamfishel.com
www.TechEraGroup.com
www.teledyne.com
www.4teleguide.com
www.tellabs.com
www.timewarnercable.com
www.total-vision.net
www.verizon.com/fios,
www.verizon.com/avenue
www.vonage.com
www.wave7optics.com
www.websense.com
www.worldwidepackets.com
www.ygnition.com
www.zerodbnet.com
www.zoomyco.com
www.zyxel.com

Service providers and network owners

From among the thousands of great ISPs and network owners, these firms have shown particular vision in expanding broadband use. BP Top 100 companies are in red.

Company Name

BroadRiver Digital
Capitol Broadband
Charter Communications
City Telecom (HK) Ltd.
Comcast Corp.
Cox Communications, Inc.
DirecTV Group, Inc.
FTTH Communications
Fusion Broadband
Guadalupe Valley Telephone Coop
Long Lines, Ltd
Multiband Corp.
Omega Communication Services
Pulte Homes, Inc.

Web Address

www.broadriver.com
www.capband.net
www.charter.com
www.ctihk.com
www.comcast.com
www.cox.com
www.directv.com
http://www.ftthcom.com/
www.fusionbroadband.com
www.gvtc.com
www.longlines.com
www.multibandusa.com
www.omegacominc.com
www.pulte.com

Company Name

Roseland Property Company
SBC Communications, Inc.
SoFast Communications
Sprint
Time Warner Cable
TotalVision
Verizon, Verizon Avenue

Ygnition Inc.

Web Address

www.roselandproperty.com
www.sbc.com
www.sofast.net
www.sprint.com
www.timewarnercable.com
www.total-vision.net
www.verizon.com/fios,
www.verizon.com/avenue
www.ygnition.com

Customer premises equipment

These firms supply inside plant equipment for broadband. BP Top 100 companies in red.

Company Name

Agilent Technologies
Alpha Technologies
American Power Conversion Corp. (APC)
Belkin Corp.
Cisco Systems and Cisco Linksys

Coaxsys, Inc.

Conexant

Eagle Broadband, Inc.

Emtelle

FONS Corp.

Front Door Networks

Monroe Electronics

Multilet

Nortel Networks

Omnitron Systems Technology, Inc.

Panduit

Pulver.com, Inc.

Scientific-Atlanta, Inc.

Siemens

Tandberg Television, Inc.

Tellabs, Inc.

Transition Networks

Tyco/AMP

ZyXEL Communications Corp.

Web Address

www.home.agilent.com
www.alpha.com
www.apc.com
www.belkin.com
www.cisco.com and
www.linksys.com
www.coaxsys.com
www.conexant.com
www.eaglebroadband.com
www.emtelle.com
www.fons.com
www.frontdoornet.com
www.monroe-electronics.com
www.multilet.us
www.nortelnetworks.com
www.omnitron-systems.com
www.panduit.com
www.pulver.com
www.scientificatlanta.com
www.siemens.com
www.tandbergtv.com
www.tellabs.com
www.transition.com
www.ampnetconnect.com
www.zyxel.com

Cabinets, enclosures

These firms supply "outside plant" equipment for broadband. BP Top 100 firms in red.

Company Name

3M
American Polywater Corp.
Arnco Corporation
C9 Networks
Centillum Communications
Channell Commercial Corporation
Cisco Systems and Cisco Linksys

Intel

LS Cable (formerly LG Cable) Ltd

Nortel Networks

Passave Technologies

Pico Macom, Inc.

Preformed Line Products

Tandberg Television, Inc.

TeleCrafter Products

Terayon

Tyco/AMP

Web Address

www.3MTelecommunications.com
www.polywater.com
www.arncocorp.com
www.c9networks.com
www.centillum.com
www.channellcomm.com
www.cisco.com and
www.linksys.com
www.intel.com
www.lgcable4u.com
www.nortelnetworks.com
www.passave.com
www.picomacom.com
www.preformed.com
www.tandbergtv.com
www.telecrafter.com
www.terayon.com
www.ampnetconnect.com

Fiber-related products specifically

These companies design and manufacture equipment specifically for fiber systems, including the fiber itself. BP Top 100 firms in red.

Company Name

1-800-Technostores
3M
3SAE Technologies
Adesta LLC
Advanced Digital Broadcast
AFL Telecommunications LLC

Alcatel

Allied Telesyn, Inc.

Alloptic

Amedia Networks, Inc.

AML Wireless Networks, Inc.

APA Cables & Networks, Inc.

ATCi

Broadlight

Canobeam

(Free Space Optics division of Canon)

C-Cor Inc.

Charles Industries, Ltd.

Cisco Systems and Cisco Linksys

Coaxsys, Inc.

CommScope

Corning, Inc.

Draka Comteq

DSM Desotech

ECI

Emtelle

Entrisphere, Inc.

Fiber Core

Fiber Solutions, Inc

FiberOne

Flexlight Networks

FONS Corp.

Foxcom

Front Door Networks

Gould Fiber Optics

Hitachi Telecom (USA), Inc.

IMC Networks

Lucent Technologies

Luminent (subsidiary of MRV)

Microyal

Motorola Broadband

Multidyne Video & Fiber Optic Systems

NEC FiberOptech

NEL America (NTT)

NeoPhotonics

Neptec Optical Solutions

Nexans

NextGen Fiber Optics (General Cable)

Nextrom (USA) Inc.

NKT Integration A/S

Nortel Networks

OFS; Optical Fiber Solutions

Omnitron Systems Technology, Inc.

Omron Advanced Systems, Inc

Optical Cable Corp.

Optical Solutions, Inc.

PacketFront

Paradyne Corp.

Pirelli Communications

Quantum Bridge Communications

Web Address

1800technostores.com
www.3MTelecommunications.com
www.3sae.com
www.adeitagroup.com
www.adbglobal.com
www.alcoa.com/aff_tele/en/home.asp
www.alcatel.com
www.alliedtelesyn.com
www.alloptic.com
www.amedia.com
www.amlwireless.com
www.apacn.com
www.atci.net
www.broadlight.com
www.usa.canon.com/html/industrial_canobeam/canobeam/index.html
www.c-cor.com
www.charlesindustries.com
www.cisco.com and
www.linksys.com
www.coaxsys.com
www.commscope.com
www.corning.com
www.drakacomteq.com
www.dsm.com/en_US
www.ecitele.com
www.emtelle.com
www.entrisphere.com
www.fibercore.com
www.fsifiber.com
www.fiberonellc.com
www.flexlight-networks.com
www.fons.com
www.foxcom.com
www.frontdoornet.com
www.gouldfo.com
www.hitel.com
www.imcnetworks.com
www.lucent.com
www.luminent.com
www.microyal.com
broadband.motorola.com
www.multidyne.com
www.nec-fiberoptech.com
www.nel-world.com
www.neophotonics.com
www.nepopt.com
www.nexans.com
www.nextgenfiberoptics.com
www.nextrom.com
www.nktintegration.com
www.nortelnetworks.com
www.ofsoptics.com
www.omnitron-systems.com
www.omron.com
www.occfiber.com
www.opticalsolutions.com
www.packetfront.com
www.paradyne.com
www.pirelli.com
www.quantumbridge.com

Company Name

Renaissance Integrated Solutions, Inc.
Riverstone Networks, Inc.
Road 9 Inc.
Samsung Electronics

Siemens
Sumitomo Electric Lightwave Corp.
Tandberg Television, Inc.
Team Fishel
Teem Photonics
Telco Systems
Telecast Fiber Systems, Inc.
Transition Networks
Wave7 Optics, Inc.
World Wide Packets
Zero dB

Web Address

www.rensols.com
www.riverstonenetworks.com
www.road9.net
www.samsung.com/Products/
BroadbandNetworkSolution/
www.siemens.com
www.sumitomoelectric.com
www.tandbergtv.com
www.teamfishel.com
www.teemphotonics.com
www.telco.com
www.telecast-fiber.com
www.transition.com
www.wave7optics.com
www.worldwidepackets.com
www.zerodbnet.com

Test equipment

These companies make and sell test equipment for broadband networks. BP Top 100 in red.

Company Name

3M
3SAE Technologies
Acterna
AFL Telecommunications LLC

Alcatel
Applied Instruments
Corning, Inc.
EXFO
Gould Fiber Optics
Motorola Broadband
Multidyne Video & Fiber Optic Systems
Nortel Networks
Optical Solutions, Inc.
Scientific-Atlanta, Inc.
Sumitomo Electric Lightwave Corp.
Sunrise Telecommunications
Telecast Fiber Systems, Inc.
Westover Scientific

Web Address

www.3MTelecommunications.com
www.3sae.com
www.acterna.com
www.alcoa.com/afl_tele/en/home.
asp
www.alcatel.com
www.appliedin.com
www.corning.com
www.exfo.com
www.gouldfo.com
broadband.motorola.com
www.multidyne.com
www.nortelnetworks.com
www.opticalsolutions.com
www.scientificatlanta.com
www.sumitomoelectric.com
www.sunrisetelecom.com
www.telecast-fiber.com
www.westoverscientific.com

Wireless

These companies design and build equipment for wireless systems, or design the systems themselves. BP Top 100 firms in red.

Company Name

Alcatel
American Power Conversion Corp. (APC)
Axcera
c9 Networks
Charles Industries, Ltd.
Cisco Systems and Cisco Linksys
CTS
(Communication Technology Services, LLC)
DirecTV Group, Inc.
D-Link Corporation/D-Link Systems, Inc.
ECI
Front Door Networks
Motorola Broadband
Nokia Corp.
Nortel Networks
Road 9 Inc.
SMC Networks
Wave7 Optics, Inc.
World Wide Packets

Web Address

www.alcatel.com
www.apc.com
www.axcera.com
www.c9networks.com
www.charlesindustries.com
www.cisco.com and www.linksys.com
www.cts1.com
www.directv.com
www.d-link.com
www.ecitele.com
www.frontdoornet.com
broadband.motorola.com
www.nokia.com
www.nortelnetworks.com
www.road9.net
www.smc.com
www.wave7optics.com
www.worldwidepackets.com

Telephony experts

These companies have special expertise in delivering high quality telephone services. BP Top 100 companies in red.

Company Name

Alcatel
Cisco Systems and Cisco Linksys
DirecTV Group, Inc.
ECI
Hitachi Telecom (USA), Inc.
Marconi Corp.
Motorola Broadband
Multilink Broadband, Inc.
NetCentrex
Nortel Networks
Pulver.com, Inc.
Teledyne Technologies, Inc.
Tellabs, Inc.
Tut Systems

Web Address

www.alcatel.com
www.cisco.com and www.linksys.com
www.directv.com
www.ecitele.com
www.hitel.com
www.marconi.com
broadband.motorola.com
www.multilinkbroadband.com
www.netcentrex.com
www.nortelnetworks.com
www.pulver.com
www.teledyne.com
www.tellabs.com
www.tutsys.com

Broadband networks, general

These companies have general expertise in broadband networks of all kinds, not necessarily fiber. BP Top 100 companies in red.

Company Name

1-800-Technostores
Adesta LLC
Advanced Digital Broadcast
Alcatel
Allied Telesyn, Inc.
Alpha Technologies
Alvarion, Inc.
American Power Conversion Corp. (APC)
AML Wireless Networks, Inc.
Andrew Corporation
Arkados
Axcera
c9 Networks
Caspian Networks, Inc.
Cedar Point Communications
Charles Industries, Ltd.
Cisco Systems and Cisco Linksys

Web Address

1800technostores.com
www.adestagroup.com
www.adbglobal.com
www.alcatel.com
www.alliedtelesyn.com
www.alpha.com
www.alvarion-usa.com
www.apc.com
www.amlwireless.com
www.andrew.com
www.arkados.com
www.axcera.com
www.c9networks.com
www.caspiannetworks.com
www.cedarpointcom.com
www.charlesindustries.com
www.cisco.com and www.linksys.com

Coaxial Networks
CoaXmedia
Coaxsys, Inc.
Covaro Networks
CTS

(Communication Technology Services, LLC) www.cts1.com

Ditch Witch/
The Charles Machine Works, Inc.
Ericsson AB
Front Door Networks
GuesTV
Harmonic
Marconi Corp.
MDU Media Technologies
Monroe Electronics
Motorola Broadband
Multilet
Multilink Broadband, Inc.
Nexans
Nortel Networks
Omron Advanced Systems, Inc
Optimal Technologies
PacketFront
Panduit
Paradyne Corp.
Peregrine Communications

www.coaxialnetworks.com
www.cxmbroadband.com
www.coaxsys.com
www.covaro.com

www.ditchwitch.com
www.ericsson.com
www.frontdoornet.com
www.guestv.com
www.harmonicinc.com
www.marconi.com
www.mdumedia.com
www.monroe-electronics.com
broadband.motorola.com
www.multilet.us
www.multilinkbroadband.com
www.nexans.com
www.nortelnetworks.com
www.omron.com
www.otii.com
www.packetfront.com
www.panduit.com
www.paradyne.com
www.perecom.com

Company Name

Pico Macom, Inc.
R.L. Drake
Renaissance Integrated Solutions, Inc.
Riverstone Networks, Inc.
Road 9 Inc.
Samsung Electronics

Scientific-Atlanta, Inc.

Siemens
SMC Networks
Superior Essex
Tandberg Television, Inc.
Team Fishel
Telkonet, Inc.
TT Technologies
Vermeer Manufacturing Company
ZyXEL Communications Corp.

Web Address

www.picomacom.com
www.rldrake.com
www.rensols.com
www.riverstonenetworks.com
www.road9.net
www.samsung.com/Products/
BroadbandNetworkSolution/
www.scientificatlanta.com
www.siemens.com
www.smc.com
www.superioressex.com/
www.tandbergtv.com
www.teamfishel.com
www.telkonet.com
www.tttechnologies.com
www.vermeer.com
www.zyxel.com

Point-to-point optical wireless and Free Space Optics

There are many companies in this area; these have distinguished themselves with superior technology and pricing. BP top 100 in red.

Company Name

Canobeam (Free Space Optics
division of Canon)

Web Address

www.usa.canon.com/html/indus-
trial_canobeam/canobeam/index.
html
www.dominionlaser.com
www.dragonwaveinc.com
www.fsona.com
http://www.irlan.co.il
www.gigabeam.com
www.laserbit.net
www.lightpointe.com
www.omnilux.com

Dominion Lasercom
DragonWave
fSONA
IRLan
GigBEAM Corp.
LaserBit
LightPointe
Omnilux

Antennas

Many companies supply antenna systems; these firms specialize in them. BP Top 100 companies in red.

Company Name

Alvarion, Inc.
ATCI
Comtech Telecommunications
DirecTV Group, Inc.
Microyal
Omni Communications
Pacific Wireless

Web Address

www.alvarion-usa.com
www.atci.net
www.comtechtel.com
www.directv.com
www.microyal.com
www.omni-inc.net
www.pacwireless.com

What's Missing?

Plenty! We heard about more than two dozen new companies that entered the FTTH field alone, in the six months leading up to this issue. A few made the list. Most, however, are still getting ready to strut their stuff. For fiber, the new ventures are in three areas: Companies dedicated to greenfield builds, companies with products that cut deployment costs, and companies with new network management software. Hear of one? Let us know by e-mailing steve@broadbandproperties.com.

Who You'll Meet At The Broadband Properties Summit

Here are some of the people heading for the Summit in Irving, Texas, September 12 - 14

- The nation's leading property owners and managers and developers in the MDU/MTU, Master-Planned Community and REIT space.
- Dynamic mayors of the nation's most innovative cities who are leveraging broadband and creating digital downtowns.
- Economic development professionals with powerful, never-before-released studies on how broadband creates jobs and businesses.
- Investors looking for acquisitions in a marketplace that is picking up steam.
- Analysts and press who understand that the Summit occupies a unique niche.

The Broadband Properties Summit will be held September 12 - 14, at the Dallas Marriott Las Colinas, in Irving, Texas, near the DFW Airport.

Register online at bbpmag.com

Don't delay. Sign up today.

Microyal manufactures & wholesales ——— Multi Switch, Digital Modulator, Dishpro LNBF FTA Receiver and Home Security Camera

SW-44 Multi Switch

H2H Motorized Mount



Main Products:

1. Multi-Switch for Dishnet: DP-33, DP-41, SW-21, SW-21X, DSW-21, SW-41, SW-44, SW-64, SW-44A Cascade Multi Switch,
2. MRX-1000 & MRX-1200 Universal FTA Receiver,
3. CAM-101 One Cable Solution Security Camera
4. H2H Mount: DiSEqC 1.2 Motorized H-H Motor
5. Launch Amplifier for Cascade System: DP-33, DSS-44

Microyal Canada Ltd. Kingsky Industrial Co. Ltd.

Add: 175 Hidden Valley Park NW Calgary, Alberta T3A 5M3 Canada
Tel : 403-730-5336 ; Web: www.microyal.com
Fax: 403-274-4481 ; E-Mail: sales@microyal.com