#### Infrastructure, regulatory and financial information for the antenna-siting community



All Demokraj se Archivini se Armount se Asponitalis Innocation as Illumina as distant/House as Tellings/Declars il-fail fundos a financialistan a Dalban fundoses Calife & Climate Control & Collection larges Barri le Cometters le Comette Life Tearre le Communica Consultrate on Courts and Approximated Smith Contract Indianataria in M. Pront of Militarian Columbia River Santo e limitaro e Sil Barrero Implement in Contractant and Artificial in Contractant for Late anem-Samen Parleren 🕳 199, TM Miller 🛎 Tempori Deposial Considers on Formatal Contract of Promistans/Deliber Assessment Substitutes in Assessment Sector and Public Salary O'Ul Frances & O'l Lucium II & Trending & Orander Reserves. Hallmanian Sarrations on 19822 Systems on Magazinians. fortalistics furnices as Transport as Topic for Toward معاجبتهم ومستليق به في المناهظة ومادينة بها ومرساحة لمها rang Sarawaran I na Japan ng Balanan ng a Description between a Microsoft beginned as Discount Harm Contracting of March 164 Teacher of March 164 Teacher Distinguished at Bellevill-Mand Salabout as Polistins Person lacuation on Point to Patric Products as Proper Sections, IPS lani bitula Servicas, er Heccolling Sonicas, er Topus Survices Distriction of District Landred & Wilsonburn-Healthcler Of the agreement or the day fundaments on taking as the publisher. Salarity or State Bestatus Say or Side Construction The Management is Security from an Albert Propriate Security Directories. Sanga Protession or Surviva Banton or Sylvium Innocession home a Management or home first or first a Soutier Trans Common a Demonstrian as Trans Disables as Trans America Towar Lieste on Tokar Helder/Toraco Manual on Toraco Manual Assessed Trans Parts a Antenanties of Tour Halaterius and Taxana Danga Banda Liu Taxana-Tan Arandanan from Makin/Portion at Towns/Doventions

# ZUUJB BUYERS GUIDE

Favors, Missopolist et Tradeslanes de Transportéescalisé Favoire Systems en Wassers Missoul Dre de Tanton Sandess

#### JANUARY 2008

The official imagazine for PGIA-The Wireless Infrastructure Association SWAP-State Wireless Association Program

A BISY PUBLISHING, LLC PUBLICATION

**World Radio History** 

#### WE UNDERSTAND EVERY TOWER OWNER FACES UNIQUE RISKS.



Attantic Risk Management is a large, independent insurance agency and an expert in protecting tower owners from unexpected risks. We offer complete, competitively priced programs endorsed by PCIA and tallored to suit your specific exposures, including: self-supporting, guyed or monopole towers; support equipment; shelters and fencing; plus general liability, business auto, workers' compensation, umbrella and more.

Find out why we protect more tower owners than any other agency.

Call 866-226-0555, visit towerinsurance.net or email David Saul at dsaul@atlanticrisk.com.







Vol. 5, No. 1 contents January 2008

#### about this month's centerspread



#### A crisp winter morning in Moville, Iowa

This 240 foot S3TL-HD was designed and manufactured by Sabre Towers and Poles. Aturnkey job, it was erected in early 2007. Designed for multiple carriers, the tower is used for cellular/wireless communications.

Photograpy courtesy of Sabre Towers and Poles

AGL (ABOVE GROUND LEVEL) is published 11 times a year by Biby Publishing LLC, P.O. Box 284, Waterford, VA 20197, and is mailed free to qualified individuals in the United States of America.

POSTMASTER: Send address change to AGL Circulation Department, P.O. Box 284, Waterford, VA 20197.

# CATEGORY

#### CATEGORY

PAGE

#### PAGE

Publisher's Introduction4
AM Detuning8
Anchoring8
Antennas8
Appraisals10
Associations12
Attorneys12
Brackets/Mounts12
Buildings/Shelters14
Build-to-Suit Services16
Business Brokers18
Cabinets/Enclosures18
Cable20
Climate Control22
Collocation Services22
Combiners Connectors24
Concrete Silo Towers26
Construction26
Consultants28
Controlled-Environment Vaults32
DC Power Distribution Equipment32
DC Power Supplies32
Distributors32
EMF Measurement33
Employment Services33
Engineers33
Environmental Services36
Equipment-Support Platforms36
FCC/FAA Filing37
Fencing
Financial Consultants38
Financial Services38
Foundations/Drilling38
Generators/Batteries38
Government Sector
and Public Safety39
GPS Equipment39
Grounding39
Grounding Materials40
Helicopter Services41
HVAC Systems42
Inspections42
Installation Services44
Centerspread46
Insurance48
Intermodulation Studies48
Land For Towers49
Land Surveying49
Lighting/Monitoring49
Lightning Protection50

Maintenance	.52
Mapping & Software	
Microwave Filters	.54
Monitoring	.54
Monitoring/Remote	.55
Mounting Equipment	.56
Multicouplers	.56
Painting	
Permit Expediter	
Point-to-Point Products	
Power Systems, UPS	
Real-Estate Services	
Repair Services	58
Repeaters	.50 58
Research Services	.50 50
RF Compliance/Monitoring	
RF Management	.57 60
Rooftop Enclosures	.00 60
Safety	
Security	.00 62
Site Construction	.02
Site Management & Acquisition	
Solar Power Acquisition	
Support Structures	
System Design	
System Integrators	
Testing & Measurement	
Testing Tools	.09
Tools & Supplies	.69
Tower Cameras & Accessories	
Tower Erectors	./0
Tower Lights	./3
Tower Manufacturers	./4
Tower Parts & Accessories	
Tower Reinforcement	
Tower Space Rental	
Tower-Top Amplifiers	
Tower/Mobile/Portable	
Towers/Concealment	82
Towers/Monopoles	84
Tradeshows	
Training/Education	
Transportation	.88
Turnkey Systems	88
Wireless Internet Services	89
Zoning Services	
Advertisers Index	90
Professional Directory	90

**AGL Editorial Advisory Board** 

**Bruce McIntyre** Tower Innovations, Inc. R. Clayton Funk Media Venture Partners

Lightning Suppression.....52

Keith Kaczmarek

Tam Murray Cyren Call Communications Community Wireless Structures

## Weighing in the New Year: 20 pounds

Commitment, reflection, honesty, planning. That is how I usually spend my New Year's Day. "I will lose 20 pounds," I tell myself. "I should have lost 20 pounds. You need to lose 20 pounds. I will lose 20 pounds in 2008."



This buyers guide issue of AGL is always fun for me because I get to know a little better all of the companies in the industry that I don't have a chance to work with throughout the year. I read the lists and spend time looking up web sites of companies

with which I'm not familiar, figuring out who is who, who worked where and how or if I might have reason to work with them in the coming year. So readers put every copy of AGL aside as a reference, but if there is one issue of the magazine I would encourage you to keep it is this annual buyers guide.

Blatant guilt or "honesty": We can afford to write, print and mail this magazine to you 11 times a year due to one group of supporters in particular: the advertisers. With the costs of

paper, gas, printing, postage, etc., my

out-of-pocket expense is more than

\$1 per copy of each issue – more like

\$18 per year per subscriber. Help me

keep this magazine coming to you. If

you do business with advertisers, par-

ticularly as a result of their presence in

AGL, don't hold back: Let them know

I need input here from everyone and anv-

one with a few minutes to drop me a note

about what topics are important to them.

where you saw their ad and that you appreciate their support of AGL. For that matter, if you know of companies that would benefit from advertising in AGL, don't be afraid to do our jobs for us and promote AGL to them.

Planning: 2008 is going to be a very busy time for the industry. We face the eight-hour backup power issue, backhaul, WiMAX deployments (and other technologies in the AWS band) - our continuing battles for truth, justice, and the wireless world. We'll do everything we can at AGL to research, document and present meaningful and timely information on the issues as they unfold.

Commitment: The more I've discussed the idea of working on a series of educational material, the more positive feedback I get. I've made the commitment to develop a series of documents for the industry, and I'll work toward that throughout 2008. I need input here from everyone and anyone with a few minutes to drop me a note about what topics are important to them. Please, please spend a few moments and drop me a note. What issue do you see as important to your company and the overall industry?

Reflection: I don't mean VSWR

either. I'm a little worried because I tend to only hear positive things about

AGL. Don't get me wrong; I love to hear what people like about the magazine, but I don't hear those friendly criticisms. What other issues or topics should we be addressing in feature articles or in standing columns? Are we coving topics in enough detail? Did we miss the point?

Give me a piece of your mind. The email address is at the left. Have a wonderful, successful and safe 2008. agi



www.agl-mag.com

Infrastructure, regulatory and financial information for the antenna-siting community

Published 11 times a year: January, February, March, April, May, June, July, August/September, October, November and December.

PUBLISHER/CEO

Richard P. Biby, P.E. rbiby@agl-mag.com

EXEC. EDITOR/ASSOC. PUBLISHER

Don Bishop

dbishop@agl-mag.com

CONTRIBUTING EDITOR

Sharpe Smith

ssmith@agl-mag.com

ART DIRECTOR

Scott Dolash

sdolash@agl-mag.com

ADVERTISING MANAGERS Mercy Contreras

mcontreras@agl-mag.com

Mary Carlile

mcarlile@agl-mag.com

Phil Cook

pcook@agl-mag.com

**CIRCULATION MANAGER** 

circulation@agl-mag.com

CORPORATE OFFICE:

Biby Publishing LLC P.O. Box 284

Waterford, VA 20197

703-777-4358

PRESS RELEASES and ADVERTISING MATERIALS MAILING ADDRESS:

Biby Publishing LLC P.O. Box 4075

Overland Park 66204-0075

SUBSCRIPTION INFORMATION: AGL

(Above Ground Level) is mailed free to qualified persons in the United States working in the antenna-siting industry and related services.

To subscribe online, go to:

http://www.agl-mag.com/subscribe.html

To subscribe by mail:

ATTN: Circulation Department

AGL magazine P.O. Box 284

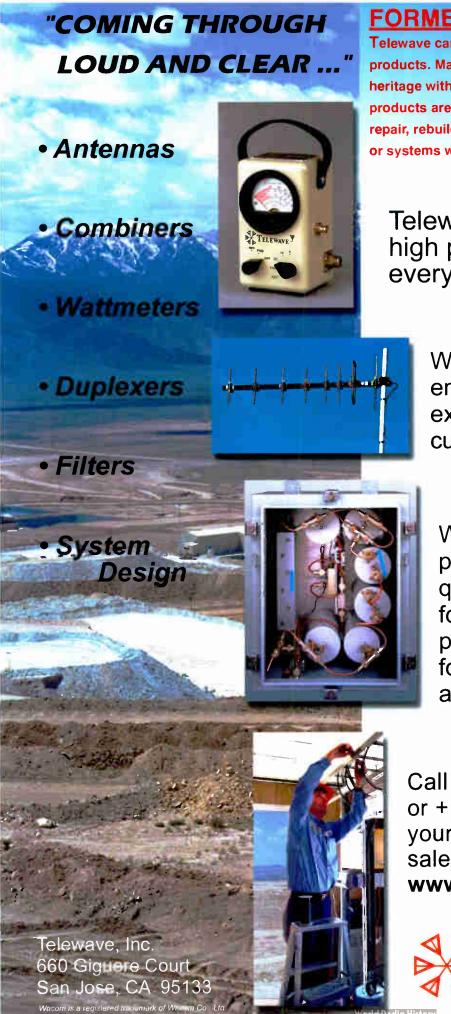
Waterford, VA 20197

COPYRIGHT ©2007 Biby Publishing LLC ALL RIGHTS RESERVED





by Rich Biby, Publisher rbiby@agl-mag.com



#### **FORMER WACOM CUSTOMERS:**

Telewave can support Wacom commercial and amateur products. Many Telewave products share a common design heritage with Wacom, and most of our cavity and isolator products are drop-in replacements for Wacom. We can repair, rebuild, and expand most existing Wacom items or systems without a complete change-out.

Telewave, Inc. delivers high performance ... everywhere, everytime.

We bring 33 years of product engineering and system design expertise to the table for every customer, large or small.

With a full line of standard products, and the ability to quickly create custom designs for special projects, Telewave provides unmatched support for Public Safety, Government, and Business radio systems.

Call us today at 1-800-331-3396 or +1 408-929-4400 and discuss your requirements with our expert sales engineers, or visit us at www.telewave.com





## GREAT PERFORMANCE IS THE PRODUCT OF UNIQUE TALENT AND UNFALTERING TEAMWORK.

2007 was another great year for the MVP Team.

Throughout the year MVP achieved superior results for its clients, both in the purchase and sale of assets and in raising capital.

Contact MVP to help you achieve your strategic goals.



Television ◆ Radio ◆ Telecom

www.mediaventurepartners.com

San Francisco (415) 391-4877 Boston (617) 345-7316

Kansas City (816) 523-8566 Light Tower Holdings, LLC

has agreed to be acquired by

M/C Venture Partners & Wachovia Capital Partners

\$290,000,000

Entercom Communications Corp.

KLQB (FM)

serving Austin, TX to

Univision Radio

\$20,000,000

Southeast Towers, LLC

has conveyed 100% of the membership unit interests including

180 towers

Diamond Communications, LLC

Utah Television, LLC

KPNZ-TV

serving Salt Lake City, UT to

Liberman Broadcasting, Inc.

\$10,000,000

Millennium Telecomm LLC

has contexed the assets comprising

19 Towers

in Minnesota and Wisconsin 10

SBA Towers II LLC

Mega Communications

WNUE (FM) Orlando, FL

**Entravision Communications** 

\$23,750,000

CitySwitch LLC

has conveyed certain tower assets in Georgia and Indiana

SBA Towers II LLC

Horvath Towers, LLC

has raised

\$8,000,000

in equity capital

Peppertree Capital Fund, LP

Union FM, LLC

KCXM (FM)

serving Kansas City, MO

**EMF** Broadcasting \$16,000,000

Tower Site Solutions, LLC

has conveyed the assets comprising

7 Towers

in Georgia and South Carolina

Optasite, Inc.

ALBS Wireless Services, LLC

has conveyed the assets comprising

17 Towers in Illmois

Diamond Communications, LLC

Horvath Communications, Inc.

has conveyed the assets comprising

9 Towers

in Indiana and Ohio

(0)

Optasite, Inc.

Archway Broadcasting

Little Rock, AR Radio Cluster

Crain Media

\$4,000,000

Last Bastion Station Trust, LLC

WCLZ (FM)

serving Portland, ME to Saga Communications

\$3,500,000

Ace Radio Corporation

KGRP (FM)

serim, Santa Rosa, CA to

Redwood Empire Stereocasters \$2,900,000

Eastern Shore Wireless Company, LLC

has conveyed a PCS lecense in Salisbury, MI-repr senting approximately

195,000 Pops

Verizon Wireless

TriCo Wireless PCS, Inc.

has conveyed certain PCS licenses in West Virginia representing approximately

180,000 Pops

Verizon Wireless

Highland Cellular Holdings, Inc.

has conveyed certain PCS licenses in Ohio representing approximately

400,000 Pops

Centennial Communications Corp. Independence Media Holdings

has convexed the assets comprising

3 Towers

in Illmois

Optasite, Inc.

Master Towers, LLC

has sold one tower in Eugene, OR

SBA Towers II LLC

Prime Sites, LLC

has sold one tower in Neenah, W!

SBA Towers II LLC

4253311 Canada Inc.

has conveyed its WCS licenses

NW Spectrum Co.

Tower Acquisition

has agreed to convey certain tower assets

SBA Towers II LLC

MediaFLO

the mobile TV platform from Qualcomm

has concluded early migration agreements with Daystar lon

Nexstar

Sinclair Scripps

and other major broadcast operators

TriCo Wireless PCS, Inc.

has conveyed certain PCS licenses in Minnesota representing approximately

414,000 Pops

Nsighttel Wireless, LLC

Leap Wireless Liquidating Trust

Commnet Wireless, LLC

has conveyed its PCS license serving Pueblo, CO representing approximately 324,000 Pops

TriCo Wireless PCS, Inc.

has conveyed its PCS license in Missouri representing approximately

194,000 Pops

Crossroads Wireless, Inc.

Big Bend Towers, LLC

has conveyed certain tower assets in Florida and Georgia

SBA Towers II LLC





#### **AM Coordination Services**

421 McDonald Drive Inwood, WV 25428 Phone: (304) 229-6307 Fax: (304) 229-4925 www.amcoordination.com

AM Broadcast pre and post field strength measurements; MiniNec Modeling; Intermodula-

tion Studies; MPE Studies see ad on page 90

#### anchoring

#### AnchorGuard, LLC

2224 E. 39th St. N. Sioux Falls, SD 57104 Phone: (605) 331-6426 Fax: (605) 332-7833 www.anchorguard.com

America's premier corrosion control systems for guyed towers uses time tested cathodic protection. Our systems are packaged in easy to install kits and feature high potential magnesium anodes and a monitoring device that attaches to the fan plate to measure the systems performance during annual inspections or maintenance trips. Installation services are available. Our website has a variety of reference material that can be downloaded for your convenience.

#### **Diversified Telecom Services Inc**

13330 Amberly Road / PO Box 273 Waverly, NE 68462 Phone: (800) 767-5435 Fax: (402) 786-3339

www.capitaltower.com

#### EDSCO Fasteners, Inc.

2200 Worthington Drive Denton, TX 76207 Phone: (866) 443-3726 www.edsco.com

#### antennas

#### **Alliance Corporation**

1650 International Ct Norcross, GA 30093 Phone: (770) 806-6966 Fax: (778) 806-6924 www.alliancecomm.com

Alliance Corporation has the world-class products; experience, knowledge, infrastructure and skilled team in place to ensure your wireless projects succeed with tremendous

results. Choose Alliance Corporation as your partner for your wireless, broadband and in building projects.

#### **American Communications**

165 Castilian Drive Santa Barbara, CA 93117 Phone: (866) 593-5931

#### **Antenna Products**

101 SE 25th Ave Mineral Wells, TX 76067 Phone: (940) 325-3301 Fax: (940) 325-0716 www.antennaproducts.com

#### Antenna Systems Magazine

7355 E Orchard Road, Suite 100 Greenwood Village, CO 80111 Phone: (800) 803-9488 www.antennasonline.com

#### Apogee Industries, Inc.

P.O. Box 323 McHenry, IL 60051 Phone: (815) 344-4808 Fax: (815) 363-6056

#### **Bay Communications**

733 Pomona Ave. Albany, CA 94706 Phone: (510) 527-6600 Fax: (510) 524-1448 www.baycommunications.net

#### Globelink Telecom

6935 Jewel Lake Rd Anchorage, AK 99502 Phone: (907) 243-0118 Fax: (907) 245-0609 www.globelinktel.com

#### Gloer I, Inc.

6015 Benjamin Rd Suite 320 Tampa, FL 33634 Phone: (813) 579-1135 Fax: (813) 649-8687 www.gloer1.com



#### Hutton Communications, Inc.

2520 Marsh Lane Carrollton, TX 75006 Phone: (877) 648-8866 Fax: (877) 762-8274 www.HOL4G.com

With convenient locations throughout the US & Canada, we stock products for tower builds/repairs, allowing materials to e pre-packaged & sent directly to the site for your convenience.

see ad on page 15

#### **Lone Star Wireless Services**

11380 Mitchell Circle Ponder, TX 76259 Phone: (469) 358-3198

## MOBILE MARK® COMMUNICATION ANTENNAS

#### Mobile Mark, Inc.

3900-B River Road Schiller Park, IL 60176 Phone: (847) 671-6690 Fax: (847) 671-6715 www.mobilemark.com

Mobile Mark designs site, mobile & device antennas for 800 MHz – 10 GHz. Applications include: Wi-Fi, WiMAX, RFID, GPS, Public Safety 4.9 GHz, Voice/Data (900 & 1900 MHz), Remote Sensing and DSRC 5.9 GHz. US-based, quality manufacturing. Custom designs available.

#### **Norris Tower Services**

3279 Trade Center Drive Riverside, CA 92507 Phone: (951) 684-2255 Fax: (951) 684-2225

#### Nott Ltd

4001 La Plata Hwy Farmington, NM 87401 Phone: (505) 327-5646 Fax: (505) 325-1142 www.nottltd.com

#### Pendulum Instruments (incorporating XL Microwave)

5811 Racine Street
Oakland, CA 94609
Phone: (510) 428-9488
Fax: (510) 428-9469
www.pendulum-instruments.com
see ad on page 73

#### **Primus Electronics**

18424 NW Frontage Road Joliet, IL 60431 Phone: (800) 435-1636 Fax: (800) 767-7605 www.primuselectronics.com

#### Powerwave Technologies

1801 E. St. Andrew Place Santa Ana, CA 92705 Phone: (714) 466-1000 www.powerwaye.com

## Nobody Does it Better



Nobody can deliver one or a package of sites that fit better, that are more sensibly priced than Tower Economics.

Who else has been doing this since 1980? Who else has the depth of RF and Real Estate knowledge to so thoroughly "put their arms around" your particular site objectives? Prominent developers such as The Trump Organization, Girard Estate Leasehold, E.B. Realty Mgmt., Interstate Realty Mgmt. Corp. and McConnell Johnson Real Estate have chosen us to market/manage their rooftops.

• Tower & Rooftop Site Acquisition

Site Management & Marketing

• COMPLETE LEASE TURN-AROUND GUARANTEED IN 10 DAYS

 Contract Installation and Supervision

New sites always being added. For the most current update, go to our website.

# TOWER PTS ECONOMICS CO. INC.

WWW.TOWERECONOMICS.COM

(856) 786-7200

Fax: (856) 786-7450 700 Route 130 North Suite 204

Cinnaminson, NJ 08077

Leonard B. Stevens
President
Extension: 11
len@towereconomics.com

Diane Lauro

Director, Business Affairs Extension: 13 diane@towereconomics.com

Cecilia Todd Lease Administrator Extension: 14 ceil@towereconomics.com Michael Davis

Vice-President Marketing Extension: 12 sqpldp@aol.com

**Todd Cohen** 

Director, Business Development Extension: 22 todd@towereconomics.com



#### Radio Waves, Inc.

495 R. Billerica Ave N. Billerica, MA 01862 Phone: (978) 459-8800 Fax: (978) 459-3310 www.radiowayesinc.com

Radio Waves offers a diverse range of reliable and innovative microwave antennas. Microwave and broadband wireless antennas are available that cover 1.3 GHz to 86 GHz for Point-to-Point, unlicensed ISM, UNII, 802.11 Wi-Fi & 802.16 WiMax broadband wireless bands at 2.4, 3.5, 4.9 and 5 GHz, LMDS, Point-to-Multipoint, millimeter wave and broadcast microwave applications. Radio Waves is known globally for their rapid delivery and reliable microwave antenna designs.

see ad on page 81

#### Sabre Towers and Poles

2101 Murray Street Sioux City, IA 51111 Phone: (800) 369-6690 Fax: (712) 279-0814 www.sabretowersandpoles.com see ad on page 19



#### Talley Communications Corp.

12976 Sandoval St. Santa Fe Springs, CA 90670 Phone: (800) 949-7079 Fax: (562) 906-8080 www.talleycom.com

Talley Communications, Corp. is a leading distributor of wireless communications infrastructure and mobile products. Talley has served the market for 24 years and stocks more than 200 top manufacturers in the wireless communications industry. Based in Los Angeles, Talley offers five distribution centers nationwide and can provide two-day ground shipping to the majority of the United States and stocks more than 200 top manufacturers in the wireless communications industry. Based in Los Angeles, Talley offers five distribution centers nationwide and can provide two-day ground shipping to the majority of the United States.

see ad on page 23



#### Telewave, Inc.

660 Giguere Court San Jose, CA 95133 Phone: (408) 929-4400 Fax: (408) 929-4007 www.telewave.com

Telewave, Inc. manufactures RF infrastructure equipment for wireless communication systems from 30 MHz to 2.5 GHz. Telewave offers a full range of products and engineering services, including antenna systems, duplexers, transmitter combiners, preselectors, tower-top preamplifiers, power monitors and portable wattmeters.

see ad on page 5



#### **TESSCO Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224

www.tessco.com
As innovative wireless technologies transform the way the world lives, works & plays. Tessco is positioned as the vital link of this still-expanding industry, matching customer needs with the products, services & solutions when & where you need them most. When you need to build, maintain, run and/or use wireless voice, messaging, data, video, & tracking & location systems, Tessco will deliver for you. Visit www.tessco.com to take advantage of Tessco's world-class web site.

see ads on pages 39, 49



#### **Times Microwave Systems**

358 Hall Avenue Wallingford, CT 06492 Phone: (203) 949-8400 Fax: (203) 949-8423 www.timesmicrowave.com

Times Microwave systems designs & manufactures high performance coaxial cable, connectors & cable assemblies for use in wireless systems. Products include flexible, low loss 50 Ohm LMR® coaxial cables, EZ connectors, installation tools & accessories. Times LMR® coaxial cable is considered the standard for flexible low loss coax cable. Other products cover military-aerospace, shipboard high-performance flexible, semi-flexible & rigid coaxial cable assemblies, connectors & delay lines. Times Microwave Systems is the leader in the design & manufacture of coaxial cables for RF & microwave applications.

see ad on page 21

#### **UMTS Project Partners BV**

Kleiweg 24

Waalwijk, Netherlands 5145 NB Phone: +31 416 565 005 Fax: (3141) 656-5006 www.spaa05.com see ad on page 57

#### United States Tower Services, Ltd.

5263 Agro Drive Frederick, MD 21703 Phone: (301) 874-5885 Fax: (301) 874-5887 www.ustowerservices.com



#### **Utility Service Communications**

535 Courtney Hodges Blvd. Perry, GA 31069 Phone: (800) 679-7819 Fax: (478) 987-1844 www.utilityservice.com

Utility Service Communications specializes in Site Management and Site Construction for wireless facilities on water tank sites. We provide turnkey construction services, including structural analysis, A&E drawings, steel fabrications and installation, all AWWA and OSHA compliant.

see ad on page 45





#### MEDIA VENTURE PARTNERS

#### Media Venture Partners

224 Jackson Street, Fourth Floor San Francisco, CA 94111 Phone: (415) 391-4877 Fax: (415) 391-4912

www.mediaventurepartners.com

Media Venture Partners ("MVP") provides capital raising, M&A and appraisal services exclusively to the telecom and media sectors. Since 1987, MVP has closed over \$12 billion in transactions by offering creative and effective solutions.

see ad on pages 6, 7



OUR CUSTOMERS' NEEDS TOWER ABOVE THE REST.

GlenMartin www.glenmartin.com 800-486-1223

TOWERS MONOPOLES ACCESSORIES

#### RBC Daniels, L.P.

3200 Cherry Creek South Drive, Suite 500 Denver, CO 80209

Phone: (303) 778-5555 Fax: (303) 778-5599 www.rbcdaniels.com



#### APCO International, Inc.

351 North Williamson Blvd. Daytona Beach, FL 32114 Phone: (386) 944-2454 Fax: (386) 944-2754 www.apcointl.org



#### **National Association of Tower Erectors**

8 Second Street SE Watertown, SD 57201

Phone: (888) 882-5865/(605) 882-5865

Fax: (605) 886-5184 www.natehome.com

Dedicated to providing a unified voice for tower erection, service and maintenance companies. Recognized as the leader in safety and education for the tower construction industry.

see ad on page 25



#### **PCIA**

500 Montgomery Street, Suite 700

Alexandria, VA 22314 Phone: (800) 759-0300 Fax: (703) 836-1608 www.pcia.com

PCIA represents companies that develop, own, manage and operate towers, commercial rooftops and other facilities for the provision of all types of wireless, broadcasting and telecommunications services.

#### Radio Club of America

P.O. Box 621074 Littleton, CO 80162-1074 Phone: (303) 948-4921 Fax: (303) 972-1653 www.radioclubofamerica.org



State Wireless Association Program

#### **SWAP - State Wireless Association**

500 Montgomery Street, Suite 700

Alexandria, VA 22314 Phone: (904) 982-7263 www.swaprogram.net

SWAP was formed to promote and raise positive industry awareness at the local state level. The success of the State Wireless movement has resulted in 20 associations encompassing 31 states throughout the country. Visit us at www. swaprogram.net to become involved.

#### attorneys

#### **Cell Tower Attorney**

222 East 56th Street, Suite 5J New York, NY 10022 Phone: (212) 223-3778 Fax: (877) 886-6570 www.celltowerattorney.com

#### Higgs Law Group, LLC

Higgs Law Group 1028 Brice Road Rockville, MD 20852 Phone: (301) 762-8992 www.higgslawgroup.com

see ad on page 90

#### Pike & Fischer's Communications Environmental Land Use Law Report

1010 Wayne Ave, Suite 1400 Silver Spring, MD 20910 Phone: (301) 562-1530 Fax: (301) 562-1521 www.celulr.com

#### Saul, Ewing

www.saul.com

Centre Square West 1500 Market St., 38th floor Philadelphia, PA 19102 Phone: (215) 972-7777 Fax: (215) 972-7725



#### Schwaninger and Associates, P.C.

1331 H Street NW, Ste. 500 Washington, DC 20005 Phone: (202) 347-8580 Fax: (202) 347-8607 www.sa-lawyers.net

We provide all legal services required of tower and rooftop operators, with over 20 years experience negotiating site leases, fulfilling regulatory requirements, representing buyers and sellers, assuring tenant compliance, and providing valuation of tower properties for sale or commercial financing. Robert Schwaninger, coauthor of the Fryer's Market Report for over five years, is also available to provide expert witness testimony in a variety of site leasing areas. We can help whether it's one tower or a thousand. Call us today. We make the difference in the deal.

#### brackets/mounts



#### Aluma-Form, Inc.

3625 Old Getwell Road Memphis, TN 38181-0555 Phone: (901) 362-0100 Fax: (901) 794-9515 www.alumaform.com

Aluma-Form manufactures a wide range of antenna mounts and accessories designed and manufactured using our unique extruded aluminum alloy. This high strength 6061-T6 alloy (35,000-PSI minimum yield strength) provides the structural equivalent of steel with approximately 65% less weight. 6061-T6 aluminum is also extremely corrosion resistant.

see ad on page 67



#### **Better Metal LLC**

126 Wheeler Street LaVergne, TN 37086 Phone: 866-9-BETTER Fax: (615) 535-0989 www.bettermetal.com

Better Metal is a leading manufacturer of wireless industry products. Centrally located near Nashville, TN, Better Metal is poised & ready to service your needs. Whether you require Antenna Mounts, Brackets & Clamps, Cable Ladder, Ice Bridge, Cable Tray, Grounding Products, Weatherproofing, Hardware, Platforms or Coax Accessories, our flatbed trucks, vast inventory & eager-to-please staff are awaiting your call.

## Not only the best in coaxial lightning protection! Rroven feeder line components ■ QUICK-FIT connectors LISCA – low PIM corrugated jumpers fiber optic interconnect power splitters ■ T1, ethernet and AISG protectors antenna sharing kits **■** GPS antennas attenuators, terminations, couplers weather proofing tapes adapters and cables for testing Tower Technology Summit/CT/A Booth 3533 **HUBER+SUHNER** USA and Canada: **HUBER+SUHNER AG**

**Excellence in Connectivity Solutions** 

Toll free 1 866 HUBER SUHNER

www.hubersuhnerinc.com

(1-866-482-3778)

1-847-397-2882

9100 Herisau, Switzerland

www.hubersuhner.com

Phone +41 (0)71 353 41 11 Fax +41 (0)71 353 45 90

**World Radio History** 



#### Connect-It Wireless, Inc.

406 Commerce Way Jupiter, FL 33458 Phone: (866) 781-1300 Fax: (561) 743-9618 www.connectitwireless.net

#### Ehresmann Engineering Inc.

4400 West 31st St. Yankton, SD 57078 Phone: (605) 665-7532 Fax: (605) 665-9780

www.ehresmannengineering.com



#### **GME Supply Company**

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 940-6762 Fax: (775) 490-1300 www.gmesupply.com

#### Kee Safety, Inc

100 Stradtman Street Buffalo, NY 14206 Phone: (800) 851-5181 Fax: (716) 896-5696 www.keesafety.com

#### **Nello Corporation**

211 W. Washington Street, Suite 2000 South Bend, IN 46601 Phone: 800-80-NELLO Fax: (574) 288-5860 www.nelloinc.com

#### see ad on page 79

8050 N. Granville Woods Rd

#### **RSM LLC**

Milwaukee, W1 53223
Phone: (414) 354-1020
Fax: (414) 354-1021
www.connectitwireless.net
We are the sales representative for Connect-lt
Wireless Components of Jupiter, Florida, makers of bracket mounts and site hardware.

#### Sabre Site Solutions

2301 Bridgeport Drive Sioux City, IA 51111 Phone: (866) 428-6937 Fax: (712) 293-1964 www.sabresitesolutions.com see ad on page 19



#### Site Pro I, Inc.

15 Oser Avenue Hauppauge, NY 11788 Phone: 888-GET-PRO1 Fax: (631) 231-7682 www.sitepro1.com

Site Pro 1 is widely recognized as the industry's leading manufacturer & distributor of wireless site components. Site Pro 1 is known for having the highest quality products available. From Coax Cable Accessories, Grounding Products, Ice Bridge Kits to Antenna Mounts, Site Pro 1 can deliver your site kit on time from any one of our Distribution Centers: New York, Atlanta or Los Angeles.

#### SLSB LLC dba St. Louis Screw & Bolt

2000 Access Blvd. Madison, IL 62060 Phone: (314) 389-7500 Fax: (314) 389-7510 www.stlouisscrewbolt.com

#### **Structural Components**

1617A Pearl Street Boulder, CO 80302 Phone: (866) 386-7622 Fax: (720) 489-3764 www.structuralcomponents.net

#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ads on pages 39, 49

#### Universal Support Systems, LLC

102 Manor Ave., Ste. 101 Bardstown, KY 40004 Phone: (270) 234-9135 Fax: (270) 234-9992 www.uss-usa.com

#### Wanho Mfg., LLC

137 Mattatuck Heights Waterbury, CT 06705 Phone: (203) 759-3744 Fax: (203) 759-3748 www.wanho.com

#### buildings/shelters

#### Apogee Industries, Inc.

P.O. Box 323 McHenry, IL 60051 Phone: (815) 344-4808 Fax: (815) 363-6056 www.apogeeindustriesinc.com



#### CellXion, LLC

5031 Hazel Jones Rd. Bossier City, LA 71111 Phone: (318) 213-2900 Fax: (318) 213-2919 www.cellxion.com

Cellxion, LLC, A division of Sabre Industries, offers the design and manufacturing of light-weight and concrete equipment enclosures, cabinets, towers, monopoles, and telecommunication equipment installation at our various facilities. In addition our turnkey site development group offers project management, civil site constructions and antenna and line services nationwide.



#### Connect-It Wireless, Inc.

406 Commerce Way Jupiter, FL 33458 Phone: (866) 781-1300 Fax: (561) 743-9618 www.connectitwireless.net

#### DuPont Building, Inc.

P.O. Box 8853 Grand Lake, LA 70606 Phone: (337) 905-5928 Fax: (337) 905-5268 www.dupontbuilding.com

#### FWT, Inc.

5750 E. I-20 Fort Worth, TX 76119 Phone: (817) 255-3060 Fax: (817) 255-2957 www.fwtinc.com

#### **Mobile Systems Integrators**

9726 East 42nd St. #233 Tulsa, OK 74146 Phone: (918) 665-8645 Fax: (918) 664-8396

www.mobilesystemsintegrators.com Portable towers /cell on wheels for sale or lease large in stock inventory 30' to 150'. Refurbishment and trade in services available.



## 36222 HOL4G is Here!

"Slightly different than the usual herd"



Check out Hutton Online 4G (HOL4G), our updated interactive web site, www.HOL4G.com with enhanced features that allow you to easily order product at any time from any location



## HOL4G is the latest in online accessibility

- · Easy to navigate
- Quickly drill into specific product pages
- · Quotes with 30-day price protection
- Quickly build and place orders
- · Real-time data

Research: Tracking: Photos: 24/7 Access: Review our extensive offerings and detailed specifications

Track your order all the way to your door

View pictures of the product you're ordering

Anytime, anywhere

Enjoy the new HOL4G. Just go to www.HOL4G.com to begin an exciting new purchasing experience.



877.648.8866



#### **Oldcastle Communications**

P.O. Box 3250

Chandler, AZ 85244-3250 Phone: (480) 222-6200 Fax: (480) 222-6210 www.oldcastlecomm.com

Oldcastle manufactures above ground shelters and underground vaults for all wireless carrier applications. We provide turnkey "Construction Services" with emphasis on "Cell Blocks" precast foundations, monopole erection, and shelter setting all in a two day time frame.

#### Thermo Bond Buildings, Inc.

P.O. Box 445 Elk Point, SD 57025 Phone: (800) 356-2686 Fax: (605) 356-2005 www.thermobond.com

#### build-to-suit services

#### **Advanced Frequency Engineering**

P.O. Box 412 Gibsonton, FL 33534 Phone: (813) 495-0038 Fax: (813) 677-3576 www.rfawareness.com

#### **Bearcat Builders**

Temecula Temecula, CA 92592 Phone: (661) 943-7708

#### CarrierClass Deployment **Services & Site Development**

400 Stenton Ave., Suite 204 Glenside, PA 19462 Phone: (267) 481-1461 Fax: (215) 836-1747 www.carrierclasstowers.com

#### Dietz Brothers, Inc.

12185 51st., Street NE Spicer, MN 56288 Phone: (320) 796-2281 Fax: (320) 796-2290 www.dietzbros.net

#### **Duall Corp**

952 Spirit Knoll Ct. Norco, CA 92860 Phone: (951) 587-5875 Fax: (951) 520-9369



#### **Excell Communications, Inc.**

6257 Amber Hills Road Trussville, AL 35173 Phone: (423) 400-7170 www.excellcommunications.com

Excell Communications is one of the largest site development and construction firms serving the wireless industry throughout the southeast. For 10 years, we have provided the highest quality of vendor services and unsurpassed customer satisfaction. Make your network excell.

see ad on inside back cover

#### ForeSite, LLC

22 Inverness Center Parkway, Suite 500 Birmingham, AL 35242 Phone: (205) 437-3200 Fax: (205) 437-3222 www.foresitetowers.com

#### Galvanized Endeavors, LLC

113 Latigo Lane, Suite D-PMB 183 Canon City, CO 81212 Phone: (303) 358-3772



#### Horvath Communications 401 E. Colfax Ave., Suite 101

South Bend, IN 46617

Phone: (574) 237-0464 Fax: (574) 237-0484 www.horvathcommunications.com Horvath has a proven track record of providing top quality facilities and highly responsive customer service to our tenants. We pride ourselves on our quick turnaround time - one of the best in

the industry! Call us today to find out more

1-877-HCI-TOWERS

#### **Hydradyne Hydraulics LLC**

P.O. Box 760 Harvey, LA 70058 Phone: (800) 421-3583 Fax: (504) 227-0852 www.hydra-dyne.com



#### Lyle

3140 Gold Camp Dr., Suite 30 Rancho Cordova, CA 95670 Phone: (866) 434-LYLE Fax: (916) 266-7001 www.lyleco.com

Lyle is the leading solutions partner of the wireless industry, providing mission critical solutions for network and infrastructure needs. Our expertise includes: Strategic Site Development, Collocation Management, Portfolio Optimization, Auditing and Data Management, and Professional Services. We understand your needs. We have the know how. We have a proven track record. We deliver exceptional value.

see ad on page 17

#### Max Engineering, LLC

9000 SW Fwy Ste 410 Houston, T X 77074 Phone: (713) 773-2525 Fax: (713) 773-2558 www.maxengr.com

#### MidAmerica Towers, Inc.

17641 South Haas Rd Mokena, IL 60448 Phone: (815) 485-7367 www.midamericatowers.com



#### Network Partners, LLC

651 East 4th Street, Suite 155 Chattanooga, TN 37403 Phone: (423) 400-7170 www.networkpartners.net

Network Partners is a tower company serving the southeast. Excell Communications expanded its offerings to include tower ownership recognizing that sites are the critical component of deployment. Together, Excell and Network Partners can now meet ALL of your wireless needs.



LYLE'S proven track record of success ensures your success. Our unique understanding of client's needs combined with invaluable know-how developed from decades of continuous improvement produce outstanding mission-critical results—more than 35 on-time market launches, over 20 successful new technology deployments, tens of thousands of new sites developed and modified,

greater than 10,000 successful collocations, more than 50,000 vital leases negotiated, and over 100,000

thriving landlord relationships. Call or email us so we can put the pieces together for your success!



LYLE

Strategic Site Development
Collocation Management
Portfolio Optimization
Professional Services
Auditing & Data Management

#### **Pegasus Tower Company**

P.O. Box 233 Richlands, VA 24641 Phone: (276) 964-7416



#### **SOLAR COMMUNICATIONS** INTERNATIONAL

#### Solar Communications International, Inc.

8885 Rio San Diego Drive, Ste 207 San Diego, CA 92108

Phone: (619) 243-2750 Fax: (619) 243-2749 www.rftransparent.com

Technology without Intrusion™

Solar Communications International, Inc. is a leading supplier and developer of RFTransparent<sup>TM</sup> products designed to integrate wireless infrastructure into the look and character of the end user's community.

#### Tower Acquisition, LLC

190 Housatonic St. Lee, MA 01238 Phone: (413) 841-1860 www.toweracquisition.com

#### TowerCo, LLC

112 Towerview Ct Cary, NC 27513 Phone: (919) 469-5559 Fax: (919) 469-5530 www.towerco.com

#### Towers of Texas, Ltd.

400 FM 534 Sandia, TX 78383 Phone: (361) 547-9111 Fax: (361) 547-0159 www.towersoftexas.com

#### TriVis

2976 Pelham Parkway, Suite B-2 Pelham, AL 35124 Phone: (205) 621-0106 Fax: (205) 621-1108 www.trivisinc.com

#### business brokers

#### Berger Briggs Real Estate & Insurance, Inc.

P.O. Drawer K Albuquerque, NM 87103 Phone: (505) 247-0444 Fax: (505) 243-1505 www.bergerbriggs.com

#### Higgs Law Group, LLC

#### **Higgs Law Group**

1028 Brice Road Rockville, MD 20852 Phone: (301) 762-8992 www.higgslawgroup.com see ad on page 90

#### Media Services Group

3948 South Third Street, #191 Jacksonville Beach, FL 32250 Phone: (904) 285-3239 Fax: (904) 285-5618



#### MEDIA VENTURE PARTNERS

#### **Media Venture Partners**

224 Jackson Street, Fourth Floor San Francisco, CA 94111 Phone: (415) 391-4877 Fax: (415) 391-4912

www.mediaventurepartners.com

Media Venture Partners ("MVP") provides capital raising, M&A and appraisal services exclusively to the telecom and media sectors. Since 1987, MVP has closed over \$12 billion in transactions by offering creative and effective solutions.

#### see ad on pages 6, 7

#### Schwaninger and Associates, P.C.

1331 H Street NW, Ste. 500 Washington, DC 20005 Phone: (202) 347-8580 Fax: (202) 347-8607 www.sa-lawyers.net

#### Steel in the Air, Inc.

16001 Waterleaf Lane Fort Myers, FL 33908 Phone: (239) 362-4065 Fax: (866) 335-4053 www.steelintheair.com

#### cabinets/enclosures

#### **Atlantic Scientific Corporation**

4300 Fortune Place, Suite A W. Melbourne, FL 32904 Phone: (321) 725-8000 Fax: (321) 727-0736 www.atlanticscientific.com

#### **Corning Cable Systems**

800 17th Street NW Hickory, NC 28601 Phone: (931) 486-0323

#### **Dupont Building Inc.**

P.O. Box 8853 Grand Lake, LA 70606 Phone: (337) 905-5928 Fax: (337) 905-5268 www.dupontbuilding.com

#### Fibox Enclosures

810 Cromwell Park Dr., Suite R Glen Burnie, MD 21061 Phone: (410) 760-9696 Fax: (410) 760-8686 www.fiboxusa.com

#### **Oldcastle Communications**

P.O. Box 3250 Chandler, AZ 85244-3250 Phone: (480) 222-6200 Fax: (480) 222-6210 www.oldcastlecomm.com

Oldcastle manufactures above ground shelters and underground vaults for all wireless carrier applications. We provide turnkey "Construction Services" with emphasis on "Cell Blocks" precast foundations, monopole erection, and shelter setting all in a 2 day time frame.

#### RLH Industries, Inc.

936 N. Main St. Orange, CA 92867 Phone: (714) 532-1672 Fax: (714) 532-1885 www.fiberopticlink.com

#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ads on pages 39, 49

#### Thermo Bond Buildings, Inc.

P.O. Box 445 Elk Point, SD 57025 Phone: (605) 356-2090 Fax: (605) 356-2005 www.thermobond.com

#### VFP, Inc.

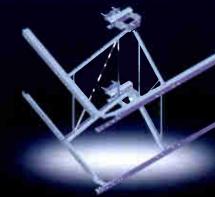
2840 Electric Road, Suite A-201 Roanoke, VA 24018-3544 Phone: (540) 977-0500 Fax: (540) 977-5555 www.vfpinc.com

#### **NEW Pre-welded Platform**

- Installation in half the time
- Safe working surface
- Great for co-locations
- Cost competitive
- Convenient packaging







#### **NEW Universal Pivoting T-Frame**

(Patent Pending)

- Minimum field assembly
- Easy azimuth adjustments
- Down tilt capability
- Fits round or angle members
- Convenient packaging



#### cable

#### **Alliance Corporation**

1650 International Ct Norcross, GA 30093 Phone: (770) 806-6966 Fax: (778) 806-6924 www.alliancecomm.com

Alliance Corporation has the world-class products; experience, knowledge, infrastructure and skilled team in place to ensure your wireless projects succeed with tremendous results. Choose Alliance Corporation as your partner for your wireless, broadband and in building projects.



#### Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: 866-9-BETTER Fax: (615) 535-0989 www.bettermetal.com

Better Metal is a leading manufacturer of wireless industry products. Centrally located near Nashville, TN, Better Metal is poised & ready to service your needs. Whether you require Antenna Mounts, Brackets & Clamps, Cable Ladder, Ice Bridge, Cable Tray, Grounding Products, Weatherproofing, Hardware, Platforms or Coax Accessories, our flatbed trucks, vast inventory & eager-to-please staff are awaiting your call.

#### Cobra Wire & Cable, Inc.

2930 Turnpike Drive Hatboro, PA 19040 Phone: (215) 674-8773 Fax: (215) 674-9530 www.cobrawire.com



#### CommScope

1545 Saint James Church Rd. Newton, NC 28658 Phone: (800) 982-1708 Fax: (828) 466-8640 www.commscope.com CommScope Wireless produces Cell Reach® and Extremeflex® wireless transmission line system. This smooth-wall 50-ohm coaxial cable and jumpers eliminate water migration, maintain low VSWR, offer high average power rating, and easy connectorization. The WBC TM cable is a 50-ohm braided cable for inbuilding wireless networks.

#### **Corning Cable Systems**

800 17th Street NW Hickory, NC 28601 Phone: (931) 486-0323

#### Huber+Suhner

19 Thompson Drive Essex Junction, VT 05452 Phone: (817) 428-3224 www.hubersuhner.com see ad on page 13



#### Hutton Communications, Inc.

2520 Marsh Lane Carrollton, TX 75006 Phone: (877) 648-8866 Fax: (877) 762-8274 www.hol4g.com

With convenient locations throughout the US & Canada, we stock products for tower builds/ repairs, allowing materials to e pre-packaged & sent directly to the site for your convenience. see ad on page 15

#### Novatec Braids, Ltd.

234 Water Street Yarmouth, NS B5A 4P8 Phone: (800) 565-4212 Fax: (902) 742-1832 www.novabraid.com

#### **Pelican Rope Works**

4001 W. Carriage Drive Santa Ana, CA 92704 Phone: (800) 464-7673 Fax: (714) 545-7673 www.pelicanrope.com

#### Radio Waves, Inc.

495 R. Billerica Ave N. Billerica, MA 01862 Phone: (978) 459-8800 Fax: (978) 459-3310



#### Site Pro 1, Inc.

15 Oser Avenue Hauppauge, NY 11788 Phone: (888) GET-PRO1 Fax: (631) 231-7682 www.siteprol.com

Site Pro 1 is widely recognized as the industry's leading manufacturer & distributor of wireless site components. Site Pro 1 is known for having the highest quality products available. From Coax Cable Accessories, Grounding Products, Ice Bridge Kits to Antenna Mounts, Site Pro 1 can deliver your site kit on time from any one of our Distribution Centers: New York, Atlanta or Los Angeles.



#### Talley Communications Corp.

12976 Sandoval St.

Santa Fe Springs, CA 90670 Phone: (800) 949-7079

Fax: (562) 906-8080 www.tallevcom.com

Talley Communications, Corp. is a leading distributor of wireless communications infrastructure and mobile products. Talley has served the market for 24 years and stocks more than 200 top manufacturers in the wireless communications industry. Based in Los Angeles, Talley offers five distribution centers nationwide and can provide twoday ground shipping to the majority of the United States.and stocks more than 200 top manufacturers in the wireless communications industry. Based in Los Angeles, Talley offers five distribution centers nationwide and can provide two-day ground shipping to the majority of the United States.

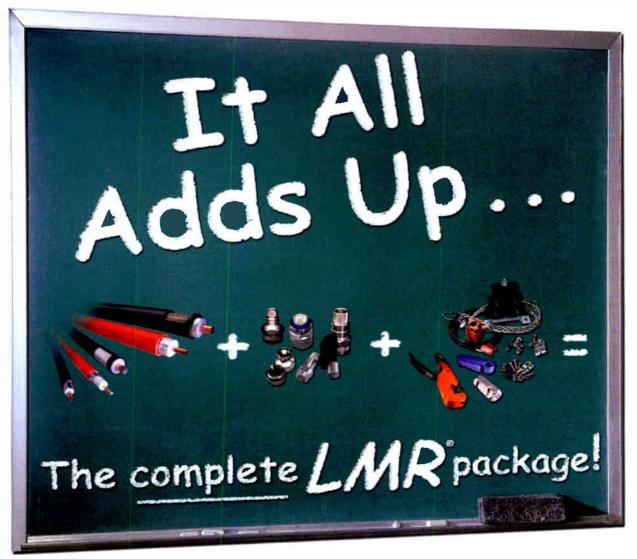
see ad on page 23



#### **TESSCO** Technologies

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com

As innovative wireless technologies transform the way the world lives, works & plays. Tessco is positioned as the vital link of this stillexpanding industry, matching customer needs with the products, services & solutions when & where you need them most. When you need to build, maintain, run and/or use wireless



## For all your flexible Coax needs from TIMES MICROWAVE.

- LMR® Coax Cable
- LMR-DB Watertight Cable
- LMR-Ultraflex Cable
- LMR-FR Fire Retardant Cable
- LMR-LLPL Plenum Cable
- LMR® Bundled Cable

- "EZ" Non-solder Advantage Connectors
- Jumpers and Cable Assemblies
- Easy Installation Tools
- Grounding Kits and Installation Accessories
- · Field Training and Technical Seminars

Our quality components, engineered to work together, provide unmatched performance, dependability and ease of installation. For the system reliability you need, count on the engineering and technical resources of Times Microwave Systems.





World Headquarters: 358 Hall Avenue, Wallingford, CT 06492 • Tel: 203-949-8400, 1-800-867-2629 Fax: 203-949-8423 International Sales: 4 School Brae, Dysart, Kirkcaldy, Fife, Scotland KY1 2XB UK • Tel: +44(0)1592655428 Fax: +44(0)1592653162 China Sales: 16F United Plaza, 1468 West Nanjing Road, Shanghai, China 200040 • Tel: 86-21-32224506 Fax: 86-21-62898980 www.timesmicrowave.com

voice, messaging, data, video, & tracking & location systems, Tessco will deliver for you. Visit Tessco.com to take advantage of Tessco's world-class web site.

see ads on pages 39, 49



#### **Times Microwave Systems**

358 Hall Avenue Wallingford, CT 06492 Phone: (203) 949-8400 Fax: (203) 949-8423 www.timesmicrowaye.com

Times Microwave systems designs & manufactures high performance coaxial cable, connectors & cable assemblies for use in wireless systems. Products include flexible, low loss 50 Ohm LMR® coaxial cables, EZ connectors, installation tools & accessories. Times LMR® coaxial cable is considered the standard for flexible low loss coax cable. Other products cover military-aerospace, shipboard high-performance flexible, semi-flexible & rigid coaxial cable assemblies, connectors & delay lines. Times Microwave Systems is the leader in the design & manufacture of coaxial cables for RF & microwave applications.

see ad on page 21

#### Trilogy Communications, Inc.

2910 Hwy 80 East Pearl, MS 39208 Phone: (601) 932-4461 Fax: (601) 939-6637 www.trilogycoax.com

#### climate control



#### Bard Manufacturing Company

1914 Randolph Dr. Bryan, OH 43506 Phone: (419) 636-1194 Fax: (419) 636-2640 www.bardhvac.com

Bard manufactures wall-mounted air conditioners and control systems specifically designed for the telecommunications industry. Products feature capacity upgrade units, left or right side service access, factory or field installed control options, dual unit control capabilities with high/low temperature alarms, and fresh air economizers. Find out more at www.bardhyac.com.

see ad on page 31

#### **Quest Controls**

208 9th Street Drive W. Palmetto, FL 34221 Phone: (941) 729-4799 Fax: (941) 729-5480 www.questcontrols.com

#### SafetyTech Communications, Inc.

P.O. Box 616 Lapel, IN 46051 Phone: (765) 534-4309 Fax: (765) 534-2000 www.safetytech.us

#### collocation services



#### Aero Solutions, LLC

1966 13th St., Suite 280 Boulder, CO 80302 Phone: (720) 304-6882 Fax: (720) 304-6883 www.aerosolutionsllc.com Aero Solutions, LLC pro-

Aero Solutions, LLC provides design/build monopole and tower services, specialized monopole and tower reinforcing systems, monopole extensions, stealth structures, rooftop platforms, and custom site specific solutions. Solutions that enable our customers to optimize the revenue potential of their tower infrastructure.

see ad on page 71

#### Allcomm Wireless, Inc.

4116 First Avenue North Birmingham, AL 35222 Phone: (205) 591-8804 www.allcomm.com

#### Comm-Structt, Inc.

5340 Upper New Bethel Rd Valdosta, GA 31605 Phone: (229) 560-9343 Fax: (229) 244-6714

#### Cornerstone Tower Service, Inc.

PO Box 5222 Grand Island, NE 68802 Phone: (308) 384-2007 www.cornerstonetower.com

#### **Day Wireless Systems**

4700 SE International Way Milwaukie, OR 97222 Phone: (503) 659-1240 Fax: (503) 794-3774

#### **Diamond Tower**

23603 70th Ave. St. Cloud, MN 56301 Phone: (320) 761-2927 Fax: (320) 251-4104

#### Digital Tower Services, Inc.

2102 Country Club Road Troutville, VA 24175 Phone: (540) 966-5645 Fax: (540) 966-5647

#### Elexco, Inc.

423 E. Bronson Rd. Seymour, W1 54137 Phone: (920) 858-2303 Fax: (920) 833-7468 www.elexcoinc.com

#### Hi-Tech Towers, Inc.

P.O. Box 305 Gibson City, IL 60936 Phone: (217) 784-5212 Fax: (217) 784-5899 www.hi-techtowers.com

#### Hoosier Tower Service, Inc.

6206 Winstead Ln. Humble, TX 77396 Phone: (281) 441-1990

#### **KCI** Wireless Services

1301 Briggs Ave., Suite 100 Hillsborough, NC 27278 Phone: (919) 957-9620 Fax: (919) 957-9640 www.kci.com

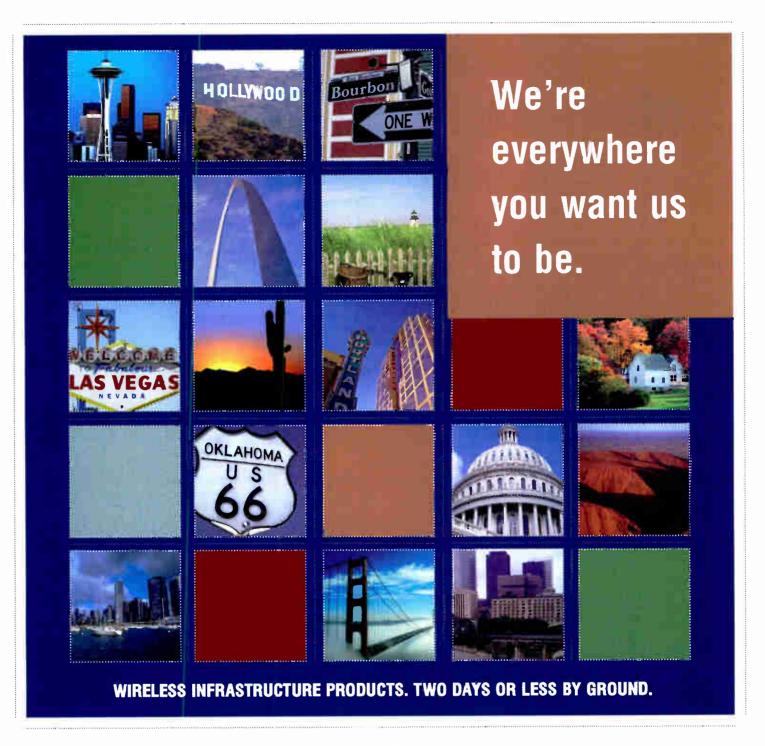


#### **KGI** Wireless

6200 Bridgepoint Parkway Building Four, Suite 520

Austin, TX 78730 Phone: (512) 345-9595 Fax: (512) 345-9898 www.KGIwireless.com

KGI markets and licenses over one billion dollars worth of land, building and tower assets for ALLTEL Corporation, Charter Communications, Mediacom Communications, the National Cable Television Cooperative and Time Warner Cable. With more than 7,000 sites covering 80% of the major wireless markets in 2,600 cities and 48 states, KGI is one of the fastest-growing wireless site marketing companies in North America.





You connect the world.
We make it easy.™

800.949.7079 sales@talleycom.com www.talleycom.com Shop our online store!

#### Talley's national distribution lowers your shipping costs.

With an unmatched five U.S. warehouse facilities, Talley can deliver your wireless infrastructure products to you at nearly any location coast to coast in two days or less using ground service. And with our extensive inventory, Talley can provide the wireless communications infrastructure and mobile products you need while reducing your shipping costs. When it comes to meeting your requirements,

Talley is everywhere you want us to be.

A family-owned business



#### **WIRELESS**

Infrastructure ► Communications ► Mobile products.



#### Lyle

3140 Gold Camp Dr., Suite 30 Rancho Cordova, CA 95670 Phone: (866) 434-LYLE Fax: (916) 266-7001 www.lyleco.com

Lyle is the leading solutions partner of the wireless industry, providing mission critical solutions for network and infrastructure needs. Our expertise includes: Strategic Site Development, Collocation Management, Portfolio Optimization, Auditing and Data Management, and Professional Services. We understand your needs. We have the know how. We have a proven track record. We deliver exceptional value.

see ad on page 17

#### MidAmerica Towers, Inc.

17641 South Haas Rd. Mokena, IL 60448 Phone: (815) 485-7367 www.midamericatowers.com

#### Morrison Hershfield Corporation

66 Perimeter Center East, Suite 600 Atlanta, GA 30346 Phone: (770) 379-8500 Fax: (770) 379-8501 www.morrisonhershfield.com

#### Norman Tower Service, Inc.

2780 S. Twin Bridge Rd. Decatur, IL 62521 Phone: (217) 864-9011 Fax: (217) 864-6434 www.normantowerservice.com

#### Peabody Engineering

13435 Estelle Street Corona, CA 92879 Phone: (951) 734-7711 Fax: (951) 734-4111 www.peabodyconcealment.com

see ad on page 43

#### **RJR Wireless**

23501 Park Sorrento, Suite 218 Calabasas, CA 91302-1381 Phone: (818) 222-7483 Fax: (818) 222-7487

RJR Wireless provides (since 1998) consulting and special project services for antenna site managers, owners, and users. Contact Rich Reichler at RJRWireles@aol.com. Member of PCIA, EWA, and The Radio Club of America



#### SubCarrier Communications, Inc.

139 White Oak Lane Old Bridge, NJ 08887 Phone: (732) 607-2828 Fax: (732) 607-1390 www.subcarrier.com

SUBcarrier COMmunications Inc. has been providing rooftop and tower telecommunications site management for over 20 years. We specialize in the placement of antenna systems for the communications industry. We provide building and tower owners with quality site management services, including planning and design of the communications site, lease negot

iations, installation and maintenance.

see ad on back cover

#### Synergy Concepts, Inc.

105 Ford Lane Hazelwood, MO 63042 Phone: (314) 895-2800 Fax: (314) 895-2804 www.synergyconceptsinc.com

TOWER A

#### **Tower Economics** 700 Rt. 130 North

Cinnaminson, NJ 08077
Phone: (856) 786-7200
Fax: (856) 786-7450
www.towereconomics.com
Nobody can deliver one or a package of sites
that fit better or that are more sensibly priced
than Tower Economics.

see ad on page 9

#### TowerCo, LLC

112 Towerview Ct Cary, NC 27513 Phone: (919) 469-5559 Fax: (919) 469-5530 www.towerco.com

#### **Towers of Texas**

HCR 1, Box 2000 Sandia, TX 78383 Phone: (800) 447-9115 www.towersoftexas.com



#### **Utility Service Communications**

535 Courtney Hodges Blvd. Perry, GA 31069 Phone: (800) 679-7819 Fax: (478) 987-1844 www.utilityservice.com

Utility Service Communications specializes in Site Management and Site Construction for wireless facilities on water tank sites. We provide turnkey construction services, including structural analysis, A&E drawings, steel fabrications and installation, all AWWA and OSHA compliant.

see ad on page 45

#### combiners connectors

#### Acorn RF

P.O. Box 830 South Casco, ME 04077 Phone: (207) 627-7474 Fax: (207) 627-7473

#### Huber+Suhner

19 Thompson Drive Essex Junction, VT 05452 Phone: (817) 428-3224 www.hubersuhner.com see ad on page 13

#### CommScope

1545 Saint James Church Rd. Newton, NC 28658 Phone: (800) 982-1708 Fax: (828) 466-8640 www.commscope.com



#### Telewave, Inc.

660 Giguere Court San Jose, CA 95133 Phone: (408) 929-4400 Fax: (408) 929-4007 www.telewave.com

Telewave, Inc. manufactures RF infrastructure equipment for wireless communication systems from 30 MHz to 2.5 GHz. Telewave offers a full range of products and engineering services, including antenna systems, duplexers, transmitter combiners, preselectors, tower-top preamplifiers, power monitors and portable wattmeters.

see ad on page 5

24 above ground level www.agl-mag.com

**Safety First...Safety Always!** 



**Providing** a Unified **Voice** for Safety, **Standards** and **Education** 

NATE reminds the industry to work together to make sure all tower climbers go home safely at the end of every day.

February 23-26 Nashville Tennessee



Are you doing your part?

#### concrete silo towers

#### Sollenberger Silos, LLC

5778 Sunset Pike Chambersburg, PA 17202 Phone: (717) 816-4592 Fax: (717) 709-9990 www.sollenbergersilos.com



#### Accelerated Communications Specialists, LLC

1504 W. 118th Street South Jenks, OK 74037 Phone: (918) 830-7074 Fax: (918) 299-0024

#### Aero Solutions, LLC

1966 13th St., Suite 280 Boulder, CO 80302 Phone: (720) 304-6882 Fax: (720) 304-6883 www.aerosolutionsllc.com see ad on page 71

#### AnchorGuard, LLC

2224 E. 39th St. N. Sioux Falls, SD 57104 Phone: (605) 331-6426 Fax: (605) 332-7833 www.anchorguard.com

#### **Antenna Id Products**

22 Bryan Wynd Glenmoore, PA 19343 Phone: (610) 458-8418 Fax: (610) 458-8418 www.antennalD.com

#### Armstrong Helicopters, LLC.

548 Hohenstein Lane Stevensville, MT 59870 Phone: (877) 777-9188 Fax: (406) 777-0491 www.armstronghelicopters.com

Complete your tower project safely & efficiently utilizing a powerful UH-1F helicopter & decades of experience in various types of long line construction & concrete/aggregate placement Services offered nationwide. Service Disabled Veteran Owned Business. We have offices in Stevensville, MT and Castle Rock, CO.

#### **Bearcat Builders**

Temecula, CA 92592 Phone: (661) 943-7708



TOWER CONSTRUCTION

#### **BL Tower Construction**

2732 N. Sheridan Road Tulsa, OK 74115 Phone: (918) 834-8020 Fax: (918) 838-0548 www.blconstruction.com

#### Capital Tower & Communications, Inc.

13330 Amberly Road / P.O. Box 273 Waverly, NE 68462 Phone: (800) 767-5435

Fax: (402) 786-3339 www.capitaltower.com

#### Cornerstone Tower Service, Inc.

P.O. Box 5222 Grand Island, NE 68802 Phone: (308) 384-2007 www.cornerstonetower.com

#### **Duall Corp**

952 Spirit Knoll Ct. Norco, CA 92860 Phone: (951) 587-5875 Fax: (951) 520-9369

#### Elexco Inc.

423 E. Bronson Rd. Seymour, WI 54137 Phone: (920) 858-2303 Fax: (920) 833-7468 www.elexcoinc.com



Site Development, Project Management, Construction & Real Estate Brokerage

#### **Excell Communications, Inc.**

6257 Amber Hills Road Trussville, AL 35173 Phone: (423) 400-7170 www.excellcommunications.com

Excell Communications is one of the largest site development and construction firms serving the wireless industry throughout the southeast. For 10 years, we have provided the highest quality of vendor services and unsurpassed customer satisfaction. Make your network excell.

see ad on inside back cover

#### **Expert Construction Managers, Inc.**

815 S. Kings Ave. Brandon, FL 33511 Phone: (813) 657-7810 Fax: (813) 571-0875

#### Galvanized Endeavors, LLC

113 Latigo Lane, Suite D-PMB 183 Canon City, CO 81212 Phone: (303) 358-3772 Fax: (719) 275-6385 www.galvanizedendeavors.com

#### GlenMartin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com see ad on page 11

#### Helicranes, Inc.

3809 Ridgemont Ct Bellingham, WA 98229 Phone: (360) 201-4512 Fax: (360) 935-4849

#### Hi-Tech Towers, Inc.

P.O. Box 305 Gibson City, IL 60936 Phone: (217) 784-5212 Fax: (217) 784-5899 www.hi-techtowers.com

#### **LOMA Communications Specialists**

P.O. Box 488 Frankfort, IL 60423 Phone: (815) 806-9616

#### McIntire

745 Clark Avenue Bristol, CT 06795 Phone: (800) 437-9247 www.mcintireco.com

#### Mikab Corporation

P.O. BOx 36 Dumont, NJ 07628 Phone: (201) 387-7700 Fax: (201) 385-0424 www.mikabcorp.com

#### Noash Construction, Inc.

P.O. Box 249 Sebree, KY 42455 Phone: (270) 835-9100 Fax: (270) 835-2030 www.noashconstruction.com

#### Novatec Braids Ltd.

234 Water Street Yarmouth, NS B5A 4P8 Phone: (800) 565-4212 Fax: (902) 742-1832 www.novabraid.com

#### **Ohio Construction Services**

6440 Norwalk Road St#K Medina, OH 44256 Phone: (330) 723-9990 Fax: (330) 723-9997

#### **Oldcastle Communications**

P.O. Box 3250

Chandler, AZ 85244-3250 Phone: (480) 222-6200 Fax: (480) 222-6210 www.oldcastlecomm.com

#### Public Utilities Maintenance, Inc.

106-18 Astoria Blvd. East Elmhurst, NY 11369 Phone: (718) 457-4540 Fax: (718) 457-5790 www.pumainc.com

#### SafetyTech Communications, Inc.

P.O. Box 616 Lapel, IN 46051 Phone: (765) 534-4309 Fax: (765) 534-2000 www.safetytech.us

#### Stainless LLC/Doty Moore Tower Services LLC

1140 Welsh Road, Suite 250 North Wales, PA 19454 Phone: (215) 631-1400 Fax: (215) 631-1425 www.stainlesslic.com

#### United States Tower Services, Ltd.

5263 Agro Drive Frederick, MD 21703 Phone: (301) 874-5885 Fax: (301) 874-5887 www.ustowerservices.com



#### WesTower Communications Inc.

4834 South 40th Street Phoenix, AZ 85022 Phone: (602) 393-3037 Fax: (602) 393-3097 www.westower.com

WesTower was founded in 1989 and is the largest G.C. in the North American with 18 offices in the US and 9 offices in Canada. WesTower provides, site design, engineering, project management, turnkey, construction and maintenance services throughout U.S. Canada.

#### AM COLOCATION

#### Thousands of Towers Available!



All AM towers are candidates, even directionals. With patented CoLoCoil® and CoLoPole® technology, LBA makes colocation on "hot" AM towers a hassle-free project.

LBA is your experienced source for AM Colocation. We will turnkey your colocations nationwide!





#### RF SAFETY

#### Is Your Site RFGreen™?

LBA's RF safety experts audit, measure and model RF safety compliance at any wireless site. We provide RF safety plans and training enabling your staff to be fully compliant with FCC and OSHA rules. RF testimony in permitting proceedings is a specialty!



Contact LBA now to become an RFGreen™ facility.

#### AM DETUNING

#### Need to Protect AM Towers?



LBA offers you 40+ years of solutions the most experienced provider of AM notification, measurement, and detuning services in the industry.

We are cost efficient, accurate, and reliable. Don't accept AM compliance risks. Call LBA today!



Free site CERTIFICATES OF COMPLIANCE online in the LBA TOOLBOX! - or call us for a free screening

www.LBAGroup.com/toolbox

#### Lawrence Behr Associates, Inc.

3400 Tupper Drive, Greenville, NC 27834 (252)757-0279 / (800)522-4464 www.LBAGroup.com



#### consultants

#### 3Z Telecom

4700 SW 51 St Suite 200 Ft. Lauderdale, FL 33314 Phone: (954) 581-6565 Fax: (954) 581-6566 www.3ztelecom.com see ad on page 57

#### Aarcher, Inc.

910 Commerce Road Annapolis, MD 21401 Phone: (410) 897-9100 Fax: (410) 897-9104 www.aarcherinc.com

#### **Advanced Frequency Engineering**

P.O. Box 412 Gibsonton, FL 33534 Phone: (813) 495-0038 Fax: (813) 677-3576



#### **AM Coordination Services**

421 McDonald Drive Inwood, WV 25428 Phone: (304) 229-6307 Fax: (304) 229-4925 www.amcoordination.com

AM Broadcast pre and post field strength measurements; MiniNec Modeling; Intermodulation Studies; MPE Studies

see ad on page 90

#### **American Communications**

8600 North Royal Lane, Suite 150 Irving, TX 75063 Phone: (866) 593-5931 www.go-ac.com

#### C Faulkner Engineering, LP

907 West 5th Street, Suite 250 Austin, TX 78739 Phone: (512) 495-9470 Fax: (512) 495-9473 www.cfeamerica.com

#### **Cell Tower Attorney**

222 East 56th Street, Suite 5J New York, NY 10022 Phone: (212) 223-3778 Fax: (877) 886-6570 www.celltowerattorney.com



#### **CMX** Engineering

200 State Highway Nine P.O. Box 900 Manalapan NI 07726-09

Manalapan, NJ 07726-0900 Phone: 732-577-9000 Fax: 732-577-9888

www.cmxengineering.com

CMX is on the cutting edge of wireless and fiber-optic technology, serving many of the nation's largest telecom providers. Services include civil, structural and electrical engineering, site surveys, permitting, right-of-way negotiations, landscape architecture, land acquisition assistance, and project and construction management.

see ad on page 37



#### ComTrain LLC

N3680 Aebly Road Monroe, WI 53566 Phone: (608) 329-4840 Fax: (608) 329-4851 www.comtrainusa.com

Provides courses on certified Tower Climbing safety and Rescue, which covers equipment, hazards, and emergency rescue techniques. Basic Tower Construction course reviews procedures and regulations for construction a turnkey tower.

see ad on page 65

#### CPH Engineering, Inc.

5130 Golden Leaf Trail Madison, W1 53704 Phone: (608) 441-0605 Fax: (608) 244-3427 www.cphengineeringinc.com

#### **Davidson Engineering**

296 Covered Bridge Road Rogue River, OR 97537 Phone: (541) 582-8074 Fax: (541) 582-0072



#### Dynamic Environmental Associates, Inc.

P.O. Box 7058

Lake Worth, FL 33466 Phone: (877) 968-4787 Fax: (561) 968-6847

www.DynamicEnvironmental.com

Dynamic Environmental Associates, Inc. is the Industry Recognized Source for: NEPA Compliance; Environmental Site Assessments; Permitting, Auditing and Reporting. By adhering to our core principles, DEA has achieved recognition from both the tower industry and competitors alike as being leading experts in environmental assessment and compliance. For over 15 years DEA has been providing the communications industry with expert professional environmental services.

see ad on page 29

#### Ehresmann Engineering Inc.

4400 West 31st St. Yankton, SD 57078 Phone: (605) 665-7532 Fax: (605) 665-9780

www.ehresmannengineering.com

#### Engineering Associates, Inc.

1220 Old Alpharetta Road, Suite 390 Alpharetta, GA 30005 Phone: (678) 455-7266 Fax: (678) 455-9223

www.engineeringassociates.com

#### Evans Associates, LLC

210 S. Main Street Thiensville, WI 53092-1905 Phone: (262) 242-6000 Fax: (262) 242-6045 www.evansassoc.com

#### Fryer Marketing & Media

106 Lansdowne Court Lansdowne, PA 19050 Phone: (610) 931-7076 www.fryermarketing.com



#### Fullerton Engineering Consultants, Inc.

9700 W. Higgins, Suite 800 Rosemont, IL 60018 Phone: (847) 292-0200 Fax: (847) 292-0206 www.fullertonengineering.com

see ad on page 63

#### Global RF Solutions

1990 N. Alma School Rd. #122 Chandler, AZ 85226 Phone: (480) 814-1393 www.grfs.net

#### Gloer 1, Inc.

6015 Benjamin Rd Suite 320 Tampa, FL 33634 Phone: (813) 579-1135 Fax: (813) 649-8687 www.gloer1.com

#### **Heinz Corporation**

804 Lebanon Drive St Louis, MO 63104 Phone: (314) 231-1200 Fax: (314) 336-0363 www.heinzcorp.com

#### **HgS** Results

808 Lakewood Drive McKinney, TX 75070 Phone: (972) 832-2992 www.hgsresults.com

#### Infinite Site Services, LLC

5910 East Conservation Drive Frederick, CO 80504 Phone: (720) 427-1984 www.infinitesiteservicesllc.com

#### Innovative Engineering, Inc.

1144 Hooper Ave Toms River, NJ 08753 Phone: (732) 240-4400 Fax: (732) 505-1103 www.innovativeengineering.net

#### Kimley-Horn and Associates, Inc.

PO Box 33068 Raleigh, NC 27636 Phone: (919) 677-2000 Fax: (919) 677-2050 www.kimley-horn.com



Lawrence Behr Associates, Inc. 3400 Tupper Drive

Greenville, NC 27834 Phone: (252) 317-2156 Fax: (252) 752-9155 www.lbagroup.com

Since 1963, Lawrence Behr Associates, Inc has provided objective consulting services to the telecommunications industry. LBA's staff are specialists in AM detuning, facility shielding, Co-Location and EMF Studies.

see ad on page 27

rvivatotti Your towers are built to withstand tough conditions.

**Your Environmental Compliance and Reviews should** withstand tough scrutiny.

If you are building a new tower you must comply with the National Environmental Policy Act (NEPA) and the FCC National Programmatic Agreement (NPA) for Impacts to Historic Resources. In many cases, modifications to existing towers must also comply with the NPA.

Dynamic Environmental Associates, Inc. is the Industry Recognized, Source For:

- NEPA & NPA Compliance
- · ASTM Environmental Site Assessments
- Permitting, Auditing & Reporting

We have been working with the tower and wireless industries since 1993. Our track record speaks for itself.

We don't cut corners. We cut risk.

Nationwide Toll Free 877.968.4787 info@DynamicEnvironmental.com www.DynamicEnvironmental.com



# MALOUF ENGINEERING INTL., INC.

#### **Malouf Engineering International**

17950 Preston Rd., Ste. 720 Dallas, TX 75252 Phone: (972) 783-2578 Fax: (972) 783-2583

www.maloufengineering.com

Structural engineering consulting firm specializing in the design, modification, inspection and analysis of tower structures and their foundations, custom antenna mount design on watertanks, buildings, and other structures including stealth or camouflaged designs, and facility buildings.



#### MEDIA VENTURE PARTNERS

#### **Media Venture Partners**

224 Jackson Street, Fourth Floor San Francisco, CA 94111 Phone: (415) 391-4877 Fax: (415) 391-4912

www.mediaventurepartners.com

Media Venture Partners ("MVP") provides capital raising, M&A and appraisal services exclusively to the telecom and media sectors. Since 1987, MVP has closed over \$12 billion in transactions by offering creative and effective solutions.

see ad on pages 6, 7

#### **Noble Engineering Consultants**

123 East Railroad Street Flora, IL 62839 Phone: (618) 662-5800 www.nbleng.com



#### Paul J. Ford and Company

250 East Broad Street, Suite 1500 Columbus, OH 43215 Phone: (614) 221-6679 Fax: (614) 448-4105 www.pjfweb.com

Structural engineering consulting firm with over 30 years experience designing new, and analyzing existing communication towers,

poles, and foundations. PE licenses in all 50 states and Puerto Rico. Extensive experience providing upgrade solutions to reinforce overstressed structures.



#### RCC Consultants, Inc.

100 Woodbridge Center Dr, Ste. 201

Woodbridge, NJ 07095 Phone: (732) 404-2400 Fax: (732) 404-2585 www.rcc.com see ad on page 69

#### RF Safety Solutions, LLC

5 Marblestone Lane South Setauket, NY 11720 Phone: (631) 698-6765 Fax: (631) 732-2919 www.RFSafetySolutions.com

#### **RJR Wireless**

23501 Park Sorrento, Suite 218 Calabasas, CA 91302-1381 Phone: (818) 222-7483 Fax: (818) 222-7487

RJR Wireless provides (since 1998) consulting and special project services for antenna site managers, owners, and users. Contact Rich Reichler at RJRWireles@aol.com. Member of PCIA, EWA, and The Radio Club of America.

#### Schwaninger and Associates, P.C.

1331 H Street NW, Ste. 500 Washington, DC 20005 Phone: (202) 347-8580 Fax: (202) 347-8607 www.sa-lawyers.net

#### SecuraSite LLC

1631 NE Broadway, #100 Portland, OR 97232 Phone: (503) 781-9762 Fax: (425) 952-9481 www.securasite.net

#### Steel in the Air, Inc.

16001 Waterleaf Lane Fort Myers, FL 33908 Phone: (239) 362-4065 Fax: (866) 335-4053 www.steelintheair.com

#### Structural Systems Technology, Inc.

6867 Elm St. Suite 200 McLean, VA 22101 Phone: (800) 997-6555 Fax: (703) 448-0979

Engineering & contracting services. Over 30 years experience, specializing in tall tower design, fabrication, erection & turnkey construction. Structural analysis, inspections, modification & maintenance of existing towers. DTV antenna installations & change outs.



#### SubCarrier Communications, Inc.

139 White Oak Lane Old Bridge, NJ 08887 Phone: (732) 607-2828 Fax: (732) 607-1390 www.subcarrier.com

SUBcarrier COMmunications Inc. has been providing rooftop and tower telecommunications site management for over 20 years. We specialize in the placement of antenna systems for the communications industry. We provide building and tower owners with quality site management services, including planning and design of the communications site, lease negotiations, installation and maintenance.

see ad on back cover

#### **Tower Innovations**

2855 Highway 261 Newburgh, IN 47630 Phone: (800) 664-8222 Fax: (812) 853-6652 www.towerinnovations.net see ad on page 41

#### TowerHand

20016 Sunnyside Dr. N., #F304 Shoreline, WA 98133 Phone: (425) 879-5785 Fax: (425) 879-5786 www.towerhand.net



#### **TowerSource**

210 W. Albemarle Ave. Lansdowne, PA 19050 Phone: (610) 284-9289 www.TowerSource.com

#### **TriVis**

2976 Pelham Parkway, Suite B-2 Pelham, AL 35124 Phone: (205) 621-0106 Fax: (205) 621-1108

www.trivisinc.com

www.trottgroup.com

#### Trott Communications Group, Inc.

4320 N Belt Line Rd Ste A100 Irving, TX 75038-3533 Phone: (972) 252-9280 Fax: (972) 258-8172



#### Vertical Solutions, Inc.

354 Raleigh Street Holly Springs, NC 27540 Phone: (919) 321-6167 Fax: (919) 321-1768

www.verticalsolutions-inc.com

Vertical Solutions, Inc. has over (11) years experience in structural analysis, design and inspection. Our primary focus is on the telecommunications industry. Our vision is to be part of our clients' successes via positive relationships that facilitate concurrent growth while maintaining the public safety. It is our mission to provide value (high quality combined with low cost) engineered products and services.

#### Viewpoint Technical Group, Inc.

3611 Shaw Avenue Cincinnati, OH 45208 Phone: (513) 321-0535 Fax: (513) 321-2535



#### **Waterford Consultants**

P.O. Box 284 Waterford, VA 20197 Phone: (703) 782-0007

www.waterfordconsultants.com

Waterford Consultants delivers professional, high quality Non-Ionizing Radiation Studies or (NEPA/MPE) Studies, expert witness testimony / zoning support, Intermodulation, AM Detuning and general RF propagation and analysis consulting. Experience a new approach & professionalism in regulatory compliance from our experienced team of respected industry leaders.

see ad on page 77

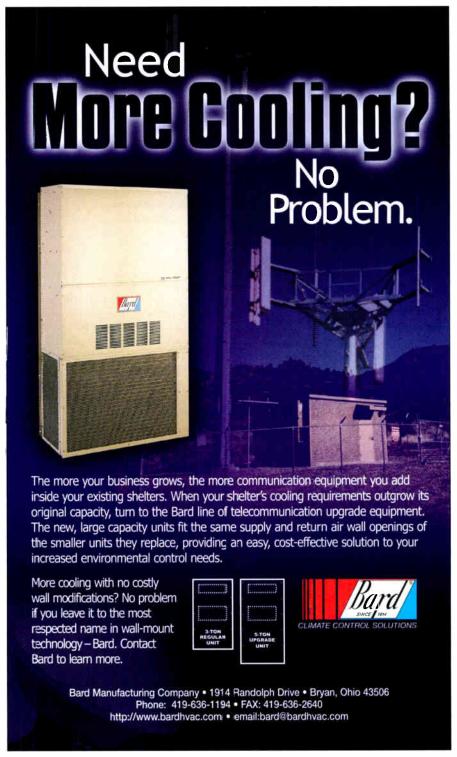
#### Weisman Consultants, Inc.

1110 Finch Ave. W., Ste. 814 Downsview, Ontario M3J 2T2 Phone: (416) 736-7453 Fax: (416) 736-4372

www.wcisman-consultants.com

#### Wireless Capital Partners, LLC

2800 28th Street, Suite 100 Santa Monica, CA 90405 Phone: (866) 432-2274 Fax: (310) 593-2815 www.wirelesscapital.com



#### X-DOT, Inc.

4500 Westgrove Drive, Suite 395 Addison, TX 75001 Phone: (972) 248-7243 www.x-dot.com

#### controlled-environment vaults

#### Oldcastle Communications

P.O. Box 3250 Chandler, AZ 85244-3250 Phone: (480) 222-6200 Fax: (480) 222-6210 www.oldcastlecomm.com

#### dc power dist equip

#### Quality Power Services, LLC

P.O. Box 26189 Hoover, AL 35260 Phone: (205) 999-6618 Fax: (888) 202-0372 www.qpsllc.net

Custom product/ Specialized services: Soil & Resistance Testing, Forensic Audits-Lightning Damage/Issues, NEC & Standards Compliance Inspections. Surge Protection: AC/DC Power, OBS Lighting, Telco. Grounding Materials: Chemical Rods, Enhancement Materials, LPS & Hardware.

#### dc power supplies

#### American Communications

165 Castilian Drive Santa Barbara, CA 93117 Phone: (866) 593-5931

#### Citel Inc.

1515 NW 167th St Suite 6-303 Miami, FL 33169 Phone: (305) 621-0022 www.citelprotection.com

#### **Electro Rent Corporation**

6060 Sepulveda Boulevard Van Nuys, CA 91411-2512 Phone: (818) 787-2100 Fax: (818) 786-4354 www.ElectroRent.com

#### IdaTech

63065 NE 18th St Bend, OR 97701 Phone: (541) 383-3390 Fax: (541) 383-3439 www.idatech.com

#### ReliOn

15913 E. Euclid Ave Spokane, WA 99216 Phone: (509) 228-6553 Fax: (509) 228-6526 www.relion-inc.com

#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ads on pages 39, 49

#### **TPL Communications**

3370 San Fernando Rd. Los Angeles, CA 90065 Phone: (800) 256-3000 Fax: (1323) 254-3210 www.tplcom.com

#### distributors"

#### **Alliance Corporation**

1650 International Ct Norcross, GA 30093 Phone: (770) 806-6966 Fax: (778) 806-6924 www.alliancecomm.com

Alliance Corporation has the world-class products; experience, knowledge, infrastructure and skilled team in place to ensure your wireless projects succeed with tremendous results. Choose Alliance Corporation as your partner for your wireless, broadband and in building projects.



#### Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: 866-9-BETTER Fax: (615) 535-0989 www.bettermetal.com

Better Metal is a leading manufacturer of wireless industry products. Centrally located near Nashville, TN, Better Metal is poised & ready to service your needs. Whether you require Antenna Mounts, Brackets & Clamps, Cable Ladder, Ice Bridge, Cable Tray, Grounding Products, Weatherproofing, Hardware, Platforms or Coax Accessories, our flatbed trucks, vast inventory & eager-to-please staff are awaiting your call.



#### Hutton Communications, Inc.

2520 Marsh Lane Carrollton, TX 75006 Phone: (877) 648-8866 Fax: (877) 762-8274 www.HOL4G.com

With convenient locations throughout the US & Canada, we stock products for tower builds/ repairs, allowing materials to e pre-packaged & sent directly to the site for your convenience.

see ad on page 15

#### **Pelican Rope Works**

4001 W Carriage Drive Santa Ana, CA 92704 Phone: (800) 464-7673 Fax: (714) 545-7673 www.pelicanrope.com

#### **Primus Electronics**

18424 NW Frontage Road Joliet, IL 60404 Phone: (800) 435-1636 Fax: (800) 767-7605 www.primuselectronics.com

#### Tennessee Equipment Supply, Inc.

921 Olive Road Knoxville, TN 37934 Phone: (800) 327-4036 Fax: (865) 966-0042 www.towergear.com

#### TESSCO

#### Tessco Technologies

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com

As innovative wireless technologies transform the way the world lives, works & plays. Tessco is positioned as the vital link of this stillexpanding industry, matching customer needs with the products, services & solutions when & where you need them most. When you need to build, maintain, run and/or use wireless voice, messaging, data, video, & tracking & location systems, Tessco will deliver for you. Visit www.tessco.com to take advantage of Tessco's world-class web site.

see ads on pages 39, 49

#### Wanho Manufacturing LLC

137 Mattatuck Heights Waterbury, CT 06705 Phone: (203) 759-3744 Fax: (203) 759-3748 www.wanho.com

#### emf measurement

#### **EBI** Consulting

21 B Street Burlington, MA 01803 Phone: (781) 273-2500 Fax: (781) 273-3311 www.ebiconsulting.com

#### **Electro Rent Corporation**

6060 Sepulveda Boulevard Van Nuys, CA 91411-2512 Phone: (818) 787-2100 Fax: (818) 786-4354 www.ElectroRent.com

#### **Narda Safety Test Solutions**

435 Moreland Road Hauppauge, NY 11788 Phone: (631) 231-1700 Fax: (631) 231-1711 www.narda-sts.us

#### RF Safety Solutions, LLC

5 Marblestone Lane South Setauket, NY 11720 Phone: (631) 698-6765 Fax: (631) 732-2919 www.RFSafetySolutions.com

#### employment services

#### E.J. Dort & Associates

14020 Cowart Rd. Milton, GA 30004 Phone: (770) 751-1194 www.ejdort.com

#### engineers

#### 3Z Telecom

4700 SW 51 St Suite 200 Ft. Lauderdale, FL 33314 Phone: (954) 581-6565 Fax: (954) 581-6566 www.3ztelecom.com see ad on page 57

#### **Advanced Frequency Engineering**

P.O. Box 412 Gibsonton, FL 33534 Phone: (813) 495-0038 Fax: (813) 677-3576



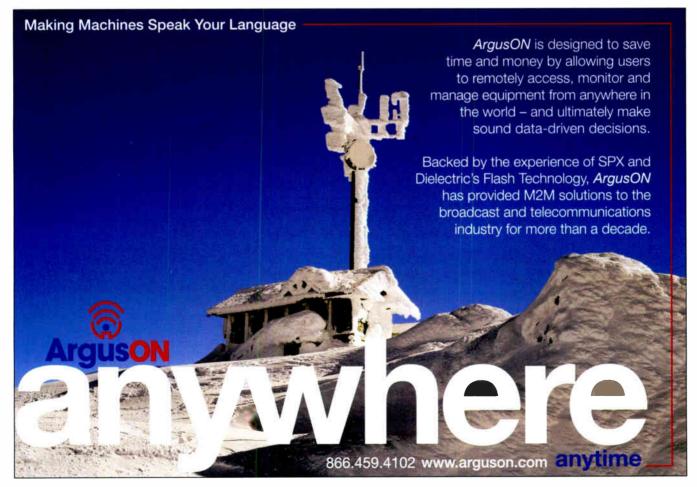
#### **BCI** Wireless

1617 Pearl St. Ste. 200 Boulder, CO 80302 Phone: (800) 584-8839 Fax: (720) 489-3764 www.bciwireless.net

Centrally located in beautiful Boulder, CO, BCI Wireless is just a quick flight away from completing everything from tower, foundation & 222-G inspections to structural analysis, reinf. designs & A&E, all with in-house engineers to maintain the highest level of detail & accuracy.

#### **Bell Tower Corporation**

6037 S. Industrial Road Chelsea, OK 74016 Phone: (918) 789-9020 Fax: (918) 789-2299 www.belltowercorp.com



#### Black & Veatch

10950 Grandview Drive Overland Park, KS 66210 Phone: (913) 458-7120 Fax: (913) 458-8136 www.bytelecom.com

#### C Faulkner Engineering, LP

907 West 5th Street, Suite 250 Austin, TX 78739 Phone: (512) 495-9470 Fax: (512) 495-9473 www.efeamerica.com

#### **CMX** Engineering

200 State Highway Nine P.O. Box 900 Manalapan, NJ 07726-0900 Phone: 732-577-9000 Fax: 732-577-9888 www.cmxengineering.com see ad on page 37

#### CPH Engineering, Inc.

5130 Golden Leaf Trail Madison, WI 53704 Phone: (608) 441-0605 Fax: (608) 244-3427 www.cphengineeringinc.com

#### **Davidson Engineering**

296 Covered Bridge Road Rogue River, OR 97537 Phone: (541) 582-8074 Fax: (541) 582-0072

#### **Dynatek Telecommunications Services**

7134 Brookwood Drive Brookfield, OH 44403 Phone: (800) 838-3224 Fax: (330) 448-4337 www.dynatektelecom.com

#### E.J. Dort & Associates

14020 Cowart Rd. Milton, GA 30004 Phone: (770) 751-1194 www.ejdort.com

#### Ehresmann Engineering Inc.

4400 West 31st St. Yankton, SD 57078 Phone: (605) 665-7532 Fax: (605) 665-9780 www.chresmannengineering.com

#### Engineered Endeavors, Inc.

7610 Jenther Drive Mentor, OH 44060 Phone: (440) 918-1101 Fax: (440) 918-1108 www.engend.com

#### Engineering Associates, Inc.

1220 Old Alpharetta Road, Suite 390 Alpharetta, GA 30005 Phone: (678) 455-7266 Fax: (678) 455-9223

www.engineeringassociates.com

#### **Evans Associates**

210 S. Main Street Thiensville, WI 53092 Phone: (262) 242-6000 Fax: (262) 242-6045 www.evansassoc.com



#### Fullerton Engineering Consultants, Inc.

9700 W. Higgins, Suite 800 Rosemont, IL 60018 Phone: (847) 292-0200 Fax: (847) 292-0206 www.fullertonengineering.com

see ad on page 63

#### Global Enercom Management, Inc.

1500 South Dairy Ashford Stc. 240 Houston, TX 77077 Phone: (713) 339-1550

Fax: (713) 339-1157 www.gemengr.com

Since 1982 GEM has served the industry with top quality drawings, tower mapping, structural analysis, site audit, tower inspections, reinforcement design and foundation design services for wireless site development.

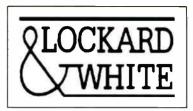
#### Innovative Engineering, Inc.

1144 Hooper Ave. Toms River, NJ 08753 Phone: (732) 240-4400 Fax: (732) 505-1103

www.innovativeengineering.net

#### Kimley-Horn and Associates, Inc.

P.O. Box 33068 Raleigh, NC 27636 Phone: (919) 677-2000 Fax: (919) 677-2050 www.kimley-horn.com



#### Lockard and White

14511 Falling Creek, Suite %07 Houston, TX 77014 Phone: (281) 586-5704 Fax: (281) 596-0044 www.lockardandwhite.com

#### MALOUF ENGINEERING INTL., INC.



#### **Malouf Engineering International**

17950 Preston Rd., Stc. 720 Dallas, TX 75252 Phone: (972) 783-2578 Fax: (972) 783-2583 www.maloufengineering.com

Structural engineering consulting firm specializing in the design, modification, inspection and analysis of tower structures and their foundations, custom antenna mount design on watertanks, buildings, and other structures including stealth or camouflaged designs, and facility buildings.

#### Max Engineering, LLC

9000 SW Fwy., Ste. 410 Houston, T X 77074 Phone: (713) 773-2525 Fax: (713) 773-2558 www.maxengr.com

Nationwide A&E Firm (45 states) that performs Same day structural analysis, foundation design and non-destructive analysis, site acquisition, permitting, Construction Management services. Turnkey provider offering build to suit to carriers.

#### Morrison Hershfield Corporation

66 Perimeter Center East, Suite 600 Atlanta, GA 30346 Phone: (770) 379-8500 Fax: (770) 379-8501 www.morrisonhershfield.com

#### Narda STS

435 Moreland Rd. Hauppauge, NY 11788 Phone: (631) 231-1700 Fax: (631) 231-1711 www.narda-sts.us

#### **Noble Engineering Consultants**

123 East Railroad Street Flora, IL 62839 Phone: (618) 662-5800 www.nbleng.com

#### NorthWest Tower Engineering

2210 Hewitt Avenue #209 Everett, WA 98201 Phone: (425) 258-4248 Fax: (425) 258-4289 www.nwtower.net



#### Paul J. Ford and Company

250 East Broad Street, Suite 1500 Columbus, OH 43215 Phone: (614) 221-6679 Fax: (614) 448-4105 www.pjfweb.com

Structural engineering consulting firm with over 30 years experience designing new, and analyzing existing communication towers, poles, and foundations. PE licenses in all 50 states and Puerto Rico. Extensive experience providing upgrade solutions to reinforce overstressed structures.

#### Selective Site Consultants, Inc.

8500 W. 110th St. Ste 300 Overland Park, KS 66210 Phone: (913) 438-7700 Fax: (913) 438-7777 www.selcetivesite.com



#### Structural Systems Technology, Inc.

6867 Elm St., Suite 200 McLean, VA 22101 Phone: (800) 997-6555 Fax: (703) 448-0979 www.sst-towers.com

Engineering & contracting services. Over 30 years experience, specializing in tall tower design, fabrication, erection & turnkey construction. Structural analysis, inspections, modification & maintenance of existing towers. DTV antenna installations & change outs.

#### Tower Consultants, Inc.

1180 Columbia Ave., Ste 101 Columbia, SC 29063 Phone: (803) 407-8489 Fax: (803) 407-8691 www.tower-tci.com

#### TriVis

2976 Pelham Parkway, Suite B-2 Pelham, AL 35124 Phone: (205) 621-0106 Fax: (205) 621-1108 www.trivisinc.com

#### Trott Communications Group, Inc.

4320 N Belt Line Rd Ste A100 Irving, TX 75038-3533 Phone: (972) 252-9280 Fax: (972) 258-8172 www.trottgroup.com



#### Vertical Solutions, Inc.

354 Raleigh Street Holly Springs, NC 27540 Phone: (919) 321-6167 Fax: (919) 321-1768

www.verticalsolutions-inc.com

Vertical Solutions, Inc. has over (11) years



experience in structural analysis, design and inspection. Our primary focus is on the telecommunications industry. Our vision is to be part of our clients' successes via positive relationships that facilitate concurrent growth while maintaining the public safety. It is our mission to provide value (high quality combined with low cost) engineered products and services.

#### **Volt Telecom Group**

7720 East Belleview Avenue #325 Englewood, CO 80111 Phone: (303) 301-5292 www.volt-telecom.com



#### Waterford Consultants

P.O. Box 284 Waterford, VA 20197 Phone: (703) 782-0007

www.waterfordconsultants.com

Waterford Consultants delivers professional, high quality Non-Ionizing Radiation Studies or (NEPA/MPE) Studies, expert witness testimony / zoning support, Intermodulation, AM Detuning and general RF propagation and analysis consulting. Experience a new approach & professionalism in regulatory compliance from our experienced team of respected industry leaders.

see ad on page 77

#### Weisman Consultants Inc.

1110 Finch Ave. W., Ste. 814 Downsview, Ontario M3J 2T2 Phone: (416) 736-7453 Fax: (416) 736-4372 www.weisman-consultants.com

#### W-T Communication Design Group, LLC

2675 Pratum Avenue Hoffman Estates, IL 60192 Phone: (224) 293-6333 Fax: (224) 293-6444 www.wtengineering.com

#### X-DOT, Inc.

4500 Westgrove Drive, Suite 395 Addison, TX 75001 Phone: (972) 248-7243 www.x-dot.com

#### environmental services



Aarcher, Inc. 910 Commerce Road Annapolis, MD 21401 Phone: (410) 897-9100 Fax: (410) 897-9104 www.aarcherinc.com



#### Arc Environmental Services

755 North Orlando Circle Mesa, AZ 85205 Phone: (480) 516-6355 Fax: (480) 654-8489 www.arcenvironmental.net

#### Civil & Environmental Consultants

405 Duke Drive Franklin, TN 37067 Phone: (615) 333-7797 Fax: (615) 333-7751 www.cecinc.com



#### Dynamic Environmental Associates, Inc.

P.O. Box 7058 Lake Worth, FL 33466 Phone: (877) 968-4787 Fax: (561) 968-6847

www.dynamicenvironmental.com

Dynamic Environmental Associates, Inc. is the industry recognized source for: NEPA Compliance; Environmental Site Assessments; Permitting, Auditing and Reporting. By adhering to our core principles, DEA has achieved recognition from both the tower industry and competitors alike as being leading experts in environmental assessment and compliance. For over 15 years DEA has been providing the communications industry with expert professional environmental services.

see ad on page 29

#### **EBI** Consulting

21 B Street Burlington, MA 01803 Phone: (781) 273-2500 Fax: (781) 273-3311 www.ebiconsulting.com

#### **Environmental Corporation of America**

1375-A Union Hill Industrial Court Alpharetta, GA 30004 Phone: (770) 667-2040 Fax: (770) 667-2041 www.eca-usa.com



Site Development, Project Management Construction & Real Estate Brokerage

#### **Excell Communications, Inc.**

6257 Amber Hills Road Trussville, AL 35173 Phone: (423) 400-7170

www.excellcommunications.com
Excell Communications is one of the largest site development and construction firms serving the wireless industry throughout the southeast. For

wireless industry throughout the southeast. For 10 years, we have provided the highest quality of vendor services and unsurpassed customer satisfaction. Make your network excell.

see ad on inside back cover

#### G.C. Environmental, Inc.

22 Oak Street Bay Shore, NY 11706 Phone: (631) 206-3700 Fax: (631) 206-3729 www.gcenvironmental.com

#### **HDC** Corporation

419 West 225 South Layton, UT 84041 Phone: (801) 809-0421

#### History, Inc.

1375 Union Hill Industrial Court Alpharetta, GA 30004 Phone: (770) 667-2060 Fax: (770) 667-2041 www.historyinconline.com

#### **Noble Engineering Consultants**

123 East Railroad Street Flora, IL 62839 Phone: (618) 662-5800 www.nbleng.com

#### Trileaf Environmental

10845 Olive Blvd, Ste. 310 St. Louis, MO 63141 Phone: (314) 997-6111 Fax: (314) 997-8066 www.trileaf.com

#### Viewpoint Technical Group, Inc.

3611 Shaw Ave. Cincinnati, OH 45208 Phone: (513) 321-0535 Fax: (513) 321-2535

equipment-support platforms

#### **Advanced Support Products, Inc.**

P. O. Box 1284 Tomball, TX 77377 Phone: (281) 357-1277 Fax: (281) 357-0577 www.aspbase.com



COL

#### Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: (866) 9-BETTER Fax: (615) 535-0989 www.bettermetal.com

#### **Fibergrate Composite Structures**

5151 Beltline Rd., Ste. 700 Dallas, TX 75254 Phone: (972) 250-1633 www.fibergrate.com

#### GlenMartin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com see ad on page 11

#### Universal Support Systems, LLC

102 Manor Ave., Ste. 101 Bardstown, KY 40004 Phone: (270) 234-9135 Fax: (502) 331-9992 www.uss-usa.com

Exclusive supplier of weight-dispersing equipment support platforms to the wireless telecom industry utilizing the patented elevated center hub concept, built into the foot, to mitigate the effects of point-loaded weight for ground or rooftop applications.

### fcc/faa filing

#### Advanced Frequency Engineering

P.O. Box 412 Gibsonton, FL 33534 Phone: (813) 495-0038 Fax: (813) 677-3576 www.rfawareness.com

#### **Day Wireless Systems**

4700 SE International Way Milwaukie, OR 97222 Phone: (503) 659-1240 Fax: (503) 794-3774 www.daywireless.com

#### **EBI** Consulting

21 B Street Burlington, MA 01803 Phone: (781) 273-2500 Fax: (781) 273-3311 www.ebiconsulting.com

#### Heartland Tower, Inc.

P.O. Box 5307 Topeka, KS 66605-0307 Phone: (785) 266-3999 www.heartlandtower.com

### Higgs Law Group, LLC

#### **Higgs Law Group**

1028 Brice Road Rockville, MD 20852 Phone: (301) 762-8992 www.higgslawgroup.com see ad on page 90

#### Pike & Fischer's Communications Environmental Land Use Law Report

1010 Wayne Ave., Ste. 1400 Silver Spring, MD 20910 Phone: (301) 562-1530 Fax: (301) 562-1521 www.celulr.com

# WORKING TOGETHER for a, BETTER tomorrow



City by city, neighborhood by neighborhood, project by project, CMX is helping communities flourish. Our integrated engineering and consulting services offer better solutions for public and private entities nationwide. Wherever your vision takes you, CMX can help make it a reality.



www.cmxengineering.com toll free: 800.220.4055

Building Services

**Environmental** 

Land Development

Public Works

Sports Engineering

Telecommunications

Transportation

#### **Radio Licensing Services**

P.O. Box 22161 Milwaukie, OR 97269-2161 Phone: (800) 304-8821 Fax: (503) 794-3759 www.radiolicensing.com

#### Sentor Remote Wireless Monitoring Systems

221 W Lancaster Ave. - Unit 9012 Fort Worth, TX 76102 Phone: (817) 386-9748 Fax: (817) 288-0521 www.sentor.com

#### Site Certifications

P.O. Box 168 Kinsman, OH 44428 Phone: (330) 367-7100 Fax: (330) 876-5500 www.sitecertifications.com

#### see ad on page 90

#### X-DOT, Inc.

4500 Westgrove Drive, Ste. 395 Addison, TX 75001 Phone: (972) 248-7243 www.x-dot.com

### fencing

#### **HDC** Corporation

419 West 225 South Layton, UT 84041 Phone: (801) 809-0421

### financial consultants

#### **HgS Results**

808 Lakewood Drive McKinney, TX 75070 Phone: (972) 832-2992 www.hgsresults.com



#### Media Venture Partners

224 Jackson Street, Fourth Floor
San Francisco, CA 94111
Phone: (415) 391-4877
Fax: (415) 391-4912
www.mediaventurepartners.com
Media Venture Partners ("MVP") provides capital raising, M&A and appraisal services exclusively to the telecom and media sectors. Since 1987, MVP has closed over \$12 billion in transactions by offering creative and effective solutions.

see ad on pages 6, 7

#### RBC Daniels, L.P.

3200 Cherry Creek South Drive, Ste. 500 Denver, CO 80209 Phone: (303) 778-5555 Fax: (303) 778-5599 www.rbcdaniels.com

#### SteelTree Partners, LLC

406 Haverford Place Swarthmore, PA 19081 Phone: (610) 544-1118 Fax: (732) 875-1115

#### Wireless Capital Partners, LLC

2800 28th Street, Ste. 100 Santa Monica, CA 90405 Phone: (866)432-2274 Fax: (310) 593-2815 www.wirelesscapital.com

### financial services

#### Barker Capital, LLC

10 Rockefeller Plaza Ste. 910 New York, NY 10020 Phone: (212) 332-4310 Fax: (212) 332-4315 www.barkercap.com

#### RBC Daniels, L.P.

3200 Cherry Creek South Drive, Ste. 500 Denver, CO 80209 Phone: (303) 778-5555 Fax: (303) 778-5599 www.rbcdaniels.com

#### Wireless Capital Partners, LLC

2800 28th Street, Ste. 100 Santa Monica, CA 90405 Phone: ( 866)432-2274 Fax: (310) 593-2815 www.wirelesscapital.com

### foundations/drilling

#### AnchorGuard, LLC

2224 E. 39th St. N. Sioux Falls, SD 57104 Phone: (605) 331-6426 Fax: (605) 332-7833 www.anchorguard.com

America's premier corrosion control systems for guyed towers uses time tested cathodic protection. Our systems are packaged in easy to install kits and feature high potential magnesium anodes and a monitoring device that attaches to the fan plate to measure the systems performance during annual inspections or maintenance trips. Installation services are available. Our website has a variety of reference material that can be downloaded for your convenience.

#### Diversified Telecom Services, Inc.

13330 Amberly Rd. / P.O. Box 273 Waverly, NE 68462 Phone: (800) 767-5435 Fax: (402) 786-3339 www.capitaltower.com

#### Elexco Inc.

423 E. Bronson Rd. Seymour, WI 54137 Phone: (920) 858-2303 Fax: (920) 833-7468 www.elexcoinc.com

#### Hi-Tech Towers, Inc.

P.O. Box 305 Gibson City, IL 60936 Phone: (217) 784-5212 Fax: (217) 784-5899 www.hi-techtowers.com

#### Lanaville Foundations, Inc.

2040 Industrial Drive Howell, MI 48843 Phone: (517) 546-0974 Fax: (517) 546-9919

#### Fred A. Nudd, Corporation

1743 Route 104, P.O. Box 577 Ontario, NY 14519 Phone: (315) 524-2531 Fax: (315) 524-4249

#### **Oldcastle Communications**

P.O. Box 3250

Chandler, AZ 85244-3250
Phone: (480) 222-6200
Fax: (480) 222-6210
www.oldcastlecomm.com
Oldcastle manufactures above ground shelters
and underground vaults for all wireless carrier

and underground vaults for all wireless carrier applications. We provide turnkey "Construction Services" with emphasis on "Cell Blocks" precast foundations, monopole erection, and shelter setting all in a 2 day time frame.

#### Specialty Drilling, Ltd.

1630 Elmview Drive Houston, TX 77080 Phone: (713) 722-8290 Fax: (713) 722-8744 www.specialtydrilling.com

### generators/batteries

#### Contour Contracting, Inc.

8370 Jumpers Hole Rd. Millersville, MD 21146 Phone: (410) 544-4177 Fax: (866) 655-5882

**38** above ground level

Generac Power Systems, Inc.

Highway 59 & Hillside Road, P.O. Box 8 Waukesha, WI 53187 Phone: (800) 851-8972

www.generac.com

**Mobile Systems Integrators** 

9726 East 42nd St. #233 Tulsa, OK 74146 Phone: (918) 665-8645 Fax: (918) 664-8396

www.mobilesystemsintegrators.com

ReliOn

15913 E. Euclid Ave. Spokane, WA 99216 Phone: (509) 228-6553 Fax: (509) 228-6526 www.relion-inc.com

**Tessco Technologies** 

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ad on pages 39, 49

Thermo Bond Buildings, Inc.

P.O. Box 445 Elk Point, SD 57025 Phone: (605) 356-2090 Fax: (605) 356-2005 www.thermobond.com

### gov't sector a public safety

#### Wireless EDGE

270 North Ave., Ste. 809 New Rochelle, NY 10801 Phone: (914) 712-0000 Fax: (914) 712-9005 www.wirelessedge.com see ad on page 55

### gps equipment

# pendulum

Incorporating XL Microwave

**Pendulum Instruments** (incorporating XL Microwave)

5811 Racine Street Oakland, CA 94609 Phone: (510) 428-9488 Fax: (510) 428-9469

www.pendulum-instruments.com

Path Align-R: Microwave Antenna Path Align-

ment. Up to 23.5 GHz operating frequency. Designed to quickly & accurately align two microwave antenna sites. With Record-R, the embedded GPS receiver logs the results of the antenna path alignment into internal memory for date/time & position information in addition to the frequency and path loss data.

see ad on page 73

### grounding 🤴

Acorn RF P.O. Box 830 South Casco, ME 04077 Phone: (207) 627-7474 Fax: (207) 627-7473





# Demand Only Genuine **Andrew Steel Products**

#### You Risk A Lot If You Specify Low Quality Steel Tower Mounts

You might not even know it, but your suppliers could be subcontracting their steel tower mount components to low end fabricators that do not meet the EIA/TIA/ 222-G standards. These standards help ensure that the mounts you use conform to superior industry standards for safety and quality







Leaders in design and technology for steel products and accessories, Andrew designs steel lower mounts to meet the latest EIA/TIA code requirements. All welding and steel inspection processes are backed by AISC and ISO 9001 certifications. We've been committed to safety for over 70 years

To learn more about quality issues, reducing liabilities, and promoting safety contact TESSCO at 1-800-472-7373 or visit www.tessco.com/ po/ andrew







#### Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: (866) 9-BETTER Fax: (615) 535-0989 www.bettermetal.com



TOWER CONSTRUCTION

#### **BL Tower Construction**

2732 N. Sheridan Road Tulsa, OK 74115 Phone: (918) 834-8020 Fax: (918) 838-0548 www.blconstruction.com



#### Erico

34600 Solon Rd. Solon, OH 44139 Phone: (800) 677-9089 Fax: (800) 677-8131 www.erico.com

Erico 's range of facility electrical protection products includes ERITECH® ground bars, ground rods, clamps, ground enhancement material, structural lightning protection, signal reference grids and ground testers; CRITEC® surge protection devices; and CADWELD® exothermic connections.

#### Galvanized Endeavors, LLC

113 Latigo Lane, Ste. D-PMB 183 Canon City, CO 81212 Phone: (303) 358-3772 Fax: (719) 275-6385 www.galvanizedendeavors.com

#### **KCI Wireless Services**

1301 Briggs Ave., Ste. 100 Hillsborough, NC 27278 Phone: (919) 957-9620 Fax: (919) 957-9640 www.kci.com



#### Lyncole XIT Grounding

3547 Voyager Street, Ste. 204 Torrance, CA 90503 Phone: (310) 214-4000 Fax: (310) 214-1114 www.lyncole.com

Lyncole is a grounding and electrical protection company. We manufacture Lyncole XIT grounding systems (30 year warranty) that provide a high performance, stable grounding solution. We are a true one-stop shop for grounding, lightning protection and surge suppression.



"Zero Downtime, Maximum Productivity, Proven Solutions"

#### **Ouality Power Services, LLC**

P.O. Box 26189 Hoover, AL 35260 Phone: (205) 999-6618 Fax: (888) 202-0372 www.qpsllc.net

Custom Products/Specialized Services: Soil & Resistance Testing, Forensic Audits-Lightning Damage/Issues, NEC & Standards Compliance Inspections. Surge Protection: AC/DC Power, OBS Lighting, Telco. Grounding Materials: Chemical Rods, Enhancement Materials, LPS & Hardware.

#### Site Pro I, Inc.

15 Oser Ave. Hauppauge, NY 11788 Phone: (888) GET-PRO1 Fax: (631) 231-7682 www.sitepro1.com

#### **Tuf-Tug Products**

3434 Encrete Lane Moraine, OH 45439 Phone: (937) 299-1213 www.tuf-tug.com

### grounding materials

#### Alltec Corporation

64 Catalyst Drive Canton, NC 28716 Phone: (828) 646-9290 Fax: (828) 646-9527 www.allteccorp.com

#### **ALT Fabrication**

122 Leesley Lane Argyle, TX 76226 Phone: (800) 950-7960 Fax: (940) 455-2817 www.altfabrication.com



#### Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: (866) 9-BETTER Fax: (615) 535-0989 www.bettermetal.com

Better Metal is a leading manufacturer of wireless industry products. Centrally located near Nashville, TN, Better Metal is poised & ready to service your needs. Whether you require Antenna Mounts, Brackets & Clamps, Cable Ladder, Ice Bridge, Cable Tray, Grounding Products, Weatherproofing, Hardware, Platforms or Coax Accessories, our flatbed trucks, vast inventory & eager-to-please staff are awaiting your call.

#### Connect-It Wireless, Inc.

406 Commerce Way Jupiter, FL 33458 Phone: (866) 781-1300 Fax: (561) 743-9618 www.connectitwireless.net

#### CopperSentry Inc

1136 Cross Creek Dr Franklin, TN 37067 Phone: (615) 599-5447 Fax: (615) 595-6019 www.coppersentry.com

#### Midwest Unlimited, LLC

1000 Oak Street Lincoln, NE 68521 Phone: (402) 434-5446 Fax: (402) 434-5449 www.midwestunlimited.com

#### Quality Power Services, LLC

P.O. Box 26189 Hoover, AL 35260 Phone: (205) 999-6618 Fax: (888) 202-0372 www.qpsllc.net

Custom Products/Specialized Services: Soil & Resistance Testing, Forensic Audits-Lightning Damage/Issues, NEC & Standards Compliance Inspections. Surge Protection: AC/DC Power,

OBS Lighting, Telco. Grounding Materials: Chemical Rods, Enhancement Materials, LPS & Hardware.

Sabre Site Solutions

2301 Bridgeport Drive Sioux City, IA 51111 Phone: (866) 428-6937 Fax: (712) 293-1964 www.sabresitesolutions.com see ad on page 19





#### Site Pro 1, Inc.

15 Oser Ave. Hauppauge, NY 11788 Phone: (888) GET-PRO1 Fax: (631) 231-7682

www.siteprol.com

Site Pro 1 is widely recognized as the industry's leading manufacturer & distributor of wireless site components. Site Pro 1 is known for having the highest quality products available. From Coax Cable Accessories, Grounding Products, Ice Bridge Kits to Antenna Mounts, Site Pro 1 can DELIVER your site kit on time from any

one of our Distribution Centers: New York, Atlanta or Los Angeles.



#### **Times Microwave Systems**

358 Hall Ave.

Wallingford, CT 06492 Phone: (203) 949-8400 Fax: (203) 949-8423

www.timesmicrowave.com

Times Microwave systems designs & manufactures high performance coaxial cable, connectors & cable assemblies for use in wireless systems. Products include flexible, low loss 50 Ohm LMR® coaxial cables, EZ connectors, installation tools & accessories. Times LMR® coaxial cable is considered the standard for flexible low loss coax cable. Other products cover military-aerospace, shipboard highperformance flexible, semi-flexible & rigid coaxial cable assemblies, connectors & delay lines. Times Microwave Systems is the leader in the design & manufacture of coaxial cables for RF & microwave applications.

see ad on page 21

#### Universal Support Systems, LLC

102 Manor Ave., Stc. 101 Bardstown, KY 40004 Phone: (270) 234-9135 Fax: (502) 331-9992 www.uss-usa.com

#### Wanho Mfg., LLC

137 Mattatuck Heights Waterbury, CT 06705 Phone: (203) 759-3744 Fax: (203) 759-3748 www.wanho.com

### helicopter services



#### Armstrong Helicopters, LLC.

548 Hohenstein Lane Stevensville, MT 59870 Phone: (877) 777-9188

Fax: (406) 777-0491

www.armstronghelicopters.com Complete your tower project safely & efficiently utilizing a powerful UH-1F helicopter & decades

# innovative designs legendary dependability

### More Than 3,500 Towers in Service.

Our towers include some of the most complex engineered structures standing. We have developed new designs that reduce installation time and maintenance costs.

TI has the solution for your next guyed or self-supporting project, from the smallest structure to a premier 2,000 foot candelabra.



- Superior Engineering & Fabrication
- Self-Supporting Towers
- **Guyed Towers**
- Civil Engineering
- Site Evaluations
- Structural Analysis

- Antenna Mounts
- **Tower Accessories**
- Turnkey Installation
- Maintenance
- Solid Reputation & Experience
- **Excellent Value**

Call us at 800-664-8222 or visit us online at www.towerinnovations.net







of experience in various types of long line construction & concrete/aggregate placement. Services offered nationwide. Service Disabled Veteran Owned Business. We have offices in Stevensville, MT and Castle Rock, CO.

### hvac systems



#### **Bard Manufacturing Company**

1914 Randolph Dr. Bryan, OH 43506 Phone: (419) 636-1194 Fax: (419) 636-2640 www.bardhvac.com

Bard manufactures wall-mounted air conditioners and control systems specifically designed for the telecommunications industry. Products feature capacity upgrade units, left or right side service access, factory or field installed control options, dual unit control capabilities with high/low temperature alarms, and fresh air economizers. Find out more at www.bardhvac.com.

see ad on page 31

#### McIntire

745 Clark Ave. Bristol, CT 06795 Phone: (800) 437-9247 www.mcintireco.com

#### **Morrison Hershfield Corporation**

66 Perimeter Center East, Stc. 600 Atlanta, GA 30346 Phone: (770) 379-8500 Fax: (770) 379-8501 www.morrisonhershfield.com

#### SafetyTech Communications, Inc.

P.O. Box 616 Lapel, IN 46051 Phone: (765) 534-4309 Fax: (765) 534-2000 www.safetytech.us

#### Service Supply

P.O. Box 1519 Victoria, TX 77903 Phone: (361) 550-5391 Fax: (361) 788-2016 www.servicesupply.net

### inspections

#### AnchorGuard, LLC

2224 E. 39th St. N. Sioux Falls, SD 57104 Phone: (605) 331-6426 Fax: (605) 332-7833 www.anchorguard.com

America's premier corrosion control systems for guyed towers uses time tested cathodic protection. Our systems are packaged in easy to install kits and feature high potential magnesium anodes and a monitoring device that attaches to the fan plate to measure the systems performance during annual inspections or maintenance trips. Installation services are available. Our website has a variety of reference material that can be downloaded for your convenience.



#### **BCI** Wireless

1617 Pearl St., Ste. 200 Boulder, CO 80302 Phone: (800) 584-8839 Fax: (720) 489-3764 www.bciwireless.net

Centrally located in beautiful Boulder, CO, BCI Wireless is just a quick flight away from completing everything from tower, foundation & 222-G inspections to structural analysis, reinf. designs & A&E, all with in-house engineers to maintain the highest level of detail & accuracy.

#### **Bell Tower Corporation**

6037 S. Industrial Road Chelsea, OK 74016 Phone: (918) 789-9020 Fax: (918) 789-2299 www.belltowercorp.com

#### C Faulkner Engineering, LP

907 West 5th Street, Ste. 250 Austin, TX 78739 Phone: (512) 495-9470 Fax: (512) 495-9473 www.cfeamerica.com

#### CPH Engineering, Inc.

5130 Golden Leaf Trail Madison, WI 53704 Phone: (608) 441-0605 Fax: (608) 244-3427 www.cphengineeringinc.com

#### **Davidson Engineering**

296 Covered Bridge Road Rogue River, OR 97537 Phone: (541) 582-8074 Fax: (541) 582-0072

#### Dietz Brothers, Inc.

12185 51st St. N.E. Spicer, MN 56288 Phone: (320) 796-2281 Fax: (320) 796-2290

#### Ehresmann Engineering, Inc.

4400 West 31st St. Yankton, SD 57078 Phone: (605) 665-7532 Fax: (605) 665-9780

www.ehresmannengineering.com

#### Electronics Research, Inc. (ERI)

7777 Gardner Road Chandler, IN 47610 Phone: (812) ERI-LINE Fax: (812) 925-4030 www.eriinc.com

#### Engineering Associates, Inc.

1220 Old Alpharetta Rd., Ste. 390 Alpharetta, GA 30005 Phone: (678) 455-7266 Fax: (678) 455-9223

www.engineeringassociates.com

#### Forerunner Tower Maintenance, Inc.

2880 Thompsons Station Rd. East Thompson Station, TN 37179 Phone: (615) 319-8003 Fax: (615) 794-0361 www.forerunnertower.com

#### Global Enercom Management, Inc.

1500 South Dairy Ashford Ste. 240 Houston, TX 77077

Phone: (713) 339-1550 Fax: (713) 339-1157 www.gemengr.com

Since 1982 GEM has served the industry with top quality drawings, tower mapping, structural analysis, site audit, tower inspections, reinforcement design and foundation design services for wireless site development.

#### Globelink Telecom

6935 Jewel Lake Rd. Anchorage, AK 99502 Phone: (907) 243-0118 Fax: (907) 245-0609 www.globelinktel.com

#### Harrington Tower Services, Inc.

1092 Forest Dr. Benton, KY 42025 Phone: (270) 703-1098 www.harringtontower.com

#### Harrington Tower Services, Inc.

3515 South Ferdinand St Seattle, WA 98118 Phone: (206) 484-7070 www.harringtontower.com

#### Hi-Tech Towers, Inc.

P.O. Box 305

Gibson City, IL 60936 Phone: (217) 784-5212 Fax: (217) 784-5899 www.hi-techtowers.com

#### JT Tower Service, Inc.

P.O. Box 50

Clarksville, MI 48815 Phone: (616) 693-3506 Fax: (616) 693-2440

#### **KCI** Wireless Services

1301 Briggs Ave., Stc. 100 Durham, NC 27703 Phone: (919) 957-9620 Fax: (919) 957-9640 www.kci.com

#### L and M Solutions

2000 Mallory Lane Ste. 130-102 Franklin, TN 37067 Phone: (615) 604-0313 Fax: (615) 791-1835

#### **Morrison Hershfield Corporation**

66 Perimeter Center East, Ste. 600 Atlanta, GA 30346 Phone: (770) 379-8500 Fax: (770) 379-8501 www.morrisonhershfield.com



#### **National Association of Tower Erectors**

8 Second Street SE Watertown, SD 57201

Phone: (888) 882-5865/(605) 882-5865

Fax: (605) 886-5184 www.natehome.com

Dedicated to providing a unified voice for tower erection, service and maintenance companies. Recognized as the leader in safety and education for the tower construction industry.

see ad on page 25

#### Nex-Tech Mobile Radio Division

145 N. Main Lenora, KS 67645 Phone: (877) 567-7872 Fax: (785) 567-9253

www.nextech.radio-dealers.com

#### Norman Tower Service, Inc.

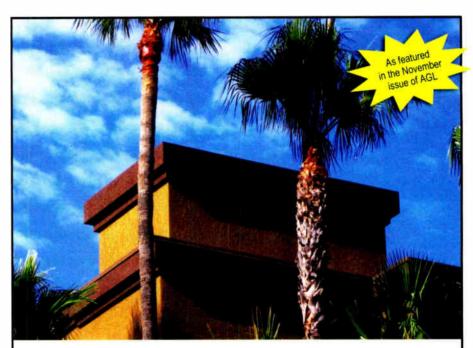
2780 S. Twin Bridge Rd. Decatur, IL 62521 Phone: (217) 864-9011 Fax: (217) 864-6434

#### Northern Tower Erection Co.

5256 Cedar Run Road Traverse City, MI 49684 Phone: (231) 947-6048 Fax: (231) 947-7703

#### NorthWest Tower Engineering

2210 Hewitt Ave. #209 Everett, WA 98201 Phone: (425) 258-4248 Fax: (425) 258-4289 www.nwtower.net



### **RF Transparent Concealment (RFTC)**

Screening for cellular phone and WiMax sites.

Our **Peabody RFTC** panels are custom-made using a Class I fire retardant resin and tested for RF performance. We can match any surface or structure and we deliver the product fully built and ready to drop in place quick and easy. We are approved by all the carriers and we ship to sites across the USA. Check out our website for info at

www.peabodyconcealment.com

or call us at (800) 4 PEABODY





Peabody Engineering can match all types of surfaces and textures



#### **Outrigger Contractor**

6610 East 11th Ave. Spokane, WA 99212 Phone: (509) 939-2465 www.outriggercontractor.com

#### **Quality Power Services, LLC**

P.O. Box 26189 Hoover, AL 35260 Phone: (205) 999-6618 Fax: (888) 202-0372 www.qpsllc.net

Custom Products/Specialized Services: Soil & Resistance Testing, Forensic Audits-Lightning Damage/Issues, NEC & Standards Compliance Inspections. Surge Protection: AC/DC Power, OBS Lightning, Telco. Grounding Materials: Chemical Rods, Enhancement Materials, LPS & Hardware.

#### Quality Tower Services, Ltd.

1630 Elmview Dr. Houston, TX 77080 Phone: (713) 722-9119 Fax: (713) 722-8744

www.qualitytowerservices.com



#### S and S Communication Specialists, Inc.

418 W. Main Street Hulbert, OK 74441 Phone: (918) 772-3702 Fax: (918) 772-1933

www.sandscommunication.com

Complete tower services including roof-tops, billboards, water tanks, guyed and supported towers, monopoles, maintenance, inspections, cellular and microwave installation, complete site construction including civil, electrical, grounding, fencing and tower installation, tower mapping, extensions and reinforcements.

#### **Sabre Towers and Poles**

2101 Murray Street Sioux City, IA 51111 Phone: (800) 369-6690 Fax: (712) 279-0814

www.sabretowersandpoles.com

see ad on page 19

#### Sector Technology Corp.

P.O. Box 167 Goodfield, IL 61742 Phone: (309) 256-2419 Fax: (309) 965-2320

#### Sioux Falls Tower and Communications

2224 E. 39th Street N Sioux Falls, SD 57104 Phone: (605) 331-6972 Fax: (605) 332-7833 www.siouxfallstower.com

# SiteMaster° ...enabling YOUR success!

#### SiteMaster, Inc.

2488 East 81st Street, Ste. 600 Tulsa, OK 74137 Phone: (918) 663-2232 Fax: (918) 663-2291

www.sitemaster.com

#### Skywalkerst Tech, LLC

10295 Rillridge Ct. Alpharetta, GA 30022 Phone: (404) 805-5702

#### Specialty Tower Lighting, Ltd.

1630 Elmview Dr Houston, TX 77080 Phone: (713) 722-8123 Fax: (713) 722-8744 www.specialtytowerlighti

www.specialtytowerlighting.com

see ad on page 79

#### Structural Systems Technology, Inc.

6867 Elm St., Ste. 200 McLean, VA 22101 Phone: (800) 997-6555 Fax: (703) 448-0979 www.sst-towers.com

#### T.I.M.E.

5130 E. Charleston Blvd. Stc. 517 Las Vegas, NV 89142

Phone: (702) 858-6452 Fax: (785) 628-8242 www.timeteam.us

#### Tower Consultants, Inc.

1180 Columbia Ave., Stc. 101 Columbia, SC 29063 Phone: (803) 407-8489 Fax: (803) 407-8691 www.tower-tei.com

#### **Tower Innovations**

2855 Highway 261 Newburgh, IN 47630 Phone: (800) 664-8222 Fax: (812) 853-6652 www.towerinnovations.net see ad on page 41

#### TowerHand

20016 Sunnyside Dr. N., #F304 Shoreline, WA 98133 Phone: (425) 879-5785 Fax: (425) 879-5786 www.towerhand.net

#### United States Tower Services, Ltd.

5263 Agro Drive Frederick, MD 21703 Phone: (301) 874-5885 Fax: (301) 874-5887 www.ustowerservices.com



#### Vertical Solutions, Inc.

354 Raleigh Street Holly Springs, NC 27540 Phone: (919) 321-6167 Fax: (919) 321-1768 www.verticalsolutions-inc.com

Vertical Solutions, Inc. has over (11) years experience in structural analysis, design and inspection. Our primary focus is on the telecommunications industry. Our vision is to be part of our clients' successes via positive relationships that facilitate concurrent growth while maintaining the public safety. It is our mission to provide value (high quality combined with low cost) engineered products and services.

#### Weisman Consultants, Inc.

1110 Finch Ave. W., Ste. 814 Downsview, Ontario M3J 2T2 Phone: (416) 736-7453 Fax: (416) 736-4372

www.weisman-consultants.com

#### W-T Communication Design Group, LLC

2675 Pratum Ave. Hoffman Estates, IL 60192 Phone: (224) 293-6333 Fax: (224) 293-6444 www.wtengineering.com

### installation services

#### Aero Solutions, LLC

1966 13th St., Ste. 280 Boulder, CO 80302 Phone: (720) 304-6882 Fax: (720) 304-6883 www.aerosolutionsllc.com

see ad on page 71

#### **American Communications**

165 Castilian Drive Santa Barbara, CA 93117 Phone: (866) 593-5931

#### **Bell Tower Corporation**

6037 S. Industrial Road Chelsea, OK 74016 Phone: (918) 789-9020 Fax: (918) 789-2299 www.belltowercorp.com

www.agl-mag.com

#### Cell Trees Inc.

5401 S. Canada Place Tucson, AZ 85706 Phone: (520) 730-7750 Fax: (805) 980-4703 www.celltreesinc.com

#### Contour Contracting, Inc.

8370 Jumpers Hole Rd. Millersville, MD 21146 Phone: (410) 544-4177 Fax: (866) 655-5882

#### **Expert Construction Managers, Inc.**

815 S. Kings Ave. Brandon, FL 33511 Phone: (813) 657-7810 Fax: (813) 571-0875

#### Galvanized Endeavors, LLC

113 Latigo Lane, Ste. D-PMB 183 Canon City, CO 81212 Phone: (303) 358-3772 Fax: (719) 275-6385 www.galvanizedendeavors.com

#### Globelink Telecom

6935 Jewel Lake Rd. Anchorage, AK 99502 Phone: (907) 243-0118 Fax: (907) 245-0609 www.globelinktel.com

#### Gloer 1, Inc.

6015 Benjamin Rd., Ste. 320 Tampa, FL 33634 Phone: (813) 579-1135 Fax: (813) 649-8687 www.gloer1.com

#### Hi-Tech Towers, Inc.

P.O. Box 305 Gibson City, IL 60936 Phone: (217) 784-5212 Fax: (217) 784-5899 www.hi-techtowers.com

#### Hoosier Tower Service, Inc.

6206 Winstead Ln. Humble, TX 77396 Phone: (281) 441-1990

#### **LOMA Communications Specialists**

P.O. Box 488 Frankfort, 1L 60423 Phone: (815) 806-9616

#### **Nex-Tech Mobile Radio Division**

145 N. Main Lenora, KS 67645 Phone: (877) 567-7872 Fax: (785) 567-9253 www.nextech.radio-dealers.com

#### Norman Tower Service, Inc.

2780 S. Twin Bridge Rd. Decatur, IL 62521 Phone: (217) 864-9011 Fax: (217) 864-6434

#### Northern Tower Erection Co.

5256 Cedar Run Rd. Traverse City, M1 49684 Phone: (231) 947-6048 Fax: (231) 947-7703

#### **Ohio Construction Services**

6440 Norwalk Rd. St #K Medina, OH 44256 Phone: (330) 723-9990 Fax: (330) 723-9997

#### Skywalkerst Tech, LLC

10295 Rillridge Ct. Alpharetta, GA 30022 Phone: (404) 805-5702



# Utility Service Communications Co.

INCORPORATED

- Over 1600 Water Tower Sites Available for Co-Location
  - Fast Turnaround Times
  - Expert Construction Services Available

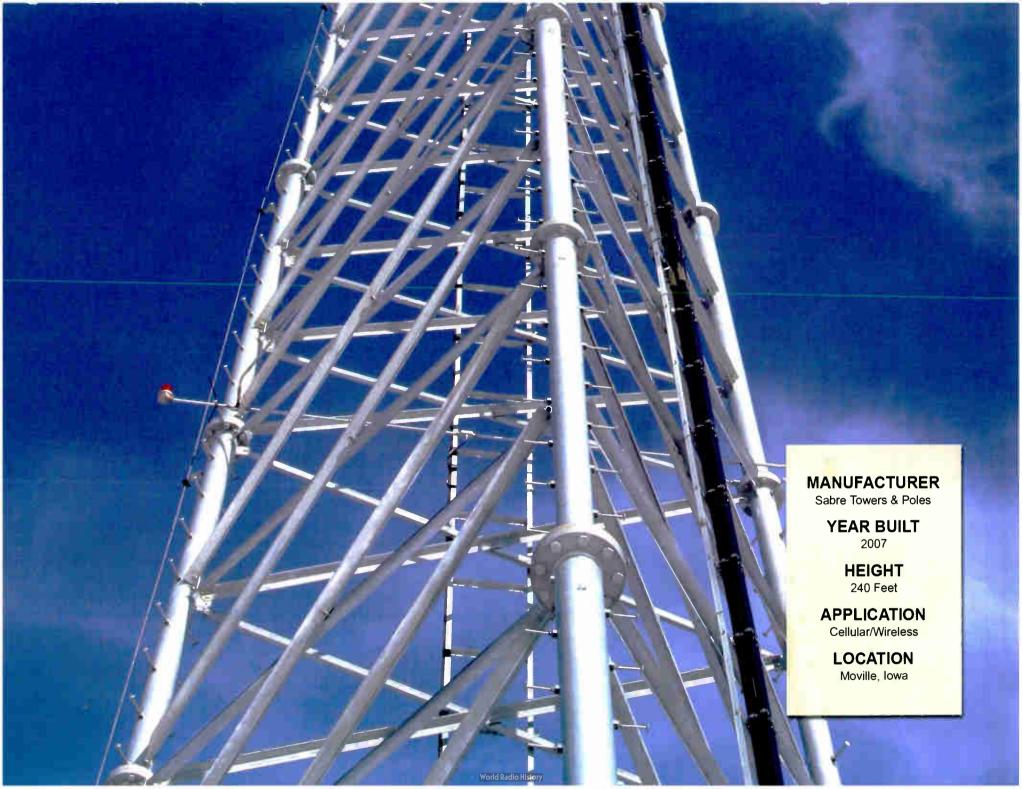
Use our expertise in the Water Tank Industry to facilitate and expedite your buildouts.

Contact: Debbie Sullivan, Vice President Site Management Toll Free: 800-679-7819

Email: dsullivan@utilityservice.com

Utility Service Communications Co. 535 Courtney Hodges Blvd., Perry. GA 31069 www.utilityservice.com





#### Structural Systems Technology, Inc.

6867 Elm St., Ste. 200 McLean, VA 22101 Phone: (800) 997-6555



#### SUBcerrier **COMmunications**

#### SubCarrier Communications, Inc.

139 White Oak Lane Old Bridge, NJ 08887 Phone: (732) 607-2828 Fax: (732) 607-1390 www.subcarrier.com

Subcarrier Communications Inc. has been providing rooftop and tower telecommunications site management for over 20 years. We specialize in the placement of antenna systems for the communications industry. We provide building and tower owners with quality site management services, including planning and design of the communications site, lease negotiations, installation and maintenance.

see ad on back cover

#### Synergy Concepts, Inc.

105 Ford Lane Hazelwood, MO 63042 Phone: (314) 895-2800 Fax: (314) 895-2804 www.synergyconceptsinc.com

#### **Tower Innovations**

2855 Highway 261 Newburgh, IN 47630 Phone: (800) 664-8222 Fax: (812) 853-6652 www.towerinnovations.net see ad on page 41

#### **Trusty Construction, LLC**

306 E. Purnell Street Lewisville, TX 75057 Phone: (972) 219-2034 www.trustyconstruction.com

#### **UMTS Project Partners BV**

Kleiweg 24 Waalwijk, FL NL 5145 NB Phone: (954) 581-6565 Fax: (3141) 656-5005 www.spaa05.com see ad on page 57



#### United States Tower Services, Ltd.

5263 Agro Drive Frederick, MD 21703 Phone: (301) 874-5885 Fax: (301) 874-5887 www.ustowerservices.com

#### Volt Telecom Group

7720 East Belleview Ave. #325 Englewood, CO 80111 Phone: (303) 301-5292 www.volt-telecom.com

### insurance

#### Arthur J. Gallagher Risk Management Services, Inc.

1900 West Loop South, Ste. 1600 Houston, TX 77027 Phone: (800) 637-1016

Fax: (713) 622-7622 www.ajg.com

Arthur J. Gallagher manages an insurance program for tower erection and maintenance contractors. With exclusive access to AIG, we have the expertise in this industry to handle your insurance needs. Endorsed by NATE.

### Atlantic Risk <u> Janagement</u>

#### Atlantic Risk Management

5850 Waterloo Rd., Ste. 240 Columbia, MD 21045 Phone: (410) 480-4400 Fax: (410) 465-0759 www.towerinsurance.net

Atlantic Risk Management is offering an insurance program endorsed by PCIA to meet the unique needs of tower owners. Property, Liability, Auto, Workers' Compensation and Bonds are included. You or your agent can contact us.

see ad on inside front cover

#### Berger Briggs Real Estate & Insurance, Inc.

4333 Pan American Frwy NE Albuquerque, NM 87107 Phone: (505) 247-0444 Fax: (505) 243-1505 www.bergerbriggs.com

#### Yennie & Jones Insurance Services, Inc.

P.O. Box 60

Pleasant Hill, MO 64080 Phone: (816) 540-2114 Fax: (816) 540-2701 www.yenniejones.com

#### intermodulation studies

#### Advanced Frequency Engineering

P.O. Box 412 Gibsonton, FL 33534 Phone: (813) 495-0038 Fax: (813) 677-3576

www.rfawareness.com

#### **EBI** Consulting

21 B Street Burlington, MA 01803 Phone: (781) 273-2500 Fax: (781) 273-3311 www.ebiconsulting.com



#### Lawrence Behr Associates, Inc.

3400 Tupper Drive Greenville, NC 27834 Phone: (252) 317-2156 Fax: (252) 752-9155 www.lbagroup.com see ad on page 27

#### **Midian Electronics**

2302 E 22nd St Tucson, AZ 85713 Phone: (520) 884-7981 Fax: (520) 884-0422 www.midians.com

#### Telewave, Inc.

660 Giguere Court San Jose, CA 95133 Phone: (408) 929-4400 Fax: (408) 929-4007 www.telewave.com see ad on page 5

#### **Waterford Consultants**

P.O. Box 284 Waterford, VA 20197 Phone: (703) 782-0007 www.waterfodconsultants.com

Waterford Consultants delivers professional,

high quality Non-Ionizing Radiation Studies or (NEPA/MPE) Studies, expert witness testimony / zoning support, Intermodulation, AM Detuning and general RF propagation and analysis consulting. Experience a new approach & professionalism in regulatory compliance from our experienced team of respected industry leaders. see ad on page 77

### land for towers

### Day Wireless Systems

4700 SE International Way Milwaukie, OR 97222 Phone: (503) 659-1240 Fax: (503) 794-3774 www.daywireless.com

#### Mauna Towers, LLC

87 Jasper Lake Road Loveland, CO 80537 Phone: (970) 669-9200 Fax: (970) 669-0800

#### Pike & Fischer's Communications Environmental Land Use Law Report

1010 Wayne Ave., Ste. 1400 Silver Spring, MD 20910 Phone: (301) 562-1530 Fax: (301) 562-1521 www.celulr.com

### land surveying

#### **Site Certifications**

P.O. Box 168 Kinsman, OH 44428 Phone: (330) 367-7100 Fax: (330) 876-5500 www.sitecertifications.com see ad on page 90

#### White Pine Land Company

P.O. Box 910 Traverse City, M1 49684 Phone: (231) 929-3434 Fax: (231) 929-4555 www.whitepinecompanies.com

#### W-T Communication Design Group, LLC

2675 Pratum Ave. Hoffman Estates, IL 60192 Phone: (224) 293-6333 Fax: (224) 293-6444 www.wtengineering.com

### ighting/monitoring

#### Carmanah Technologies Corp.

Building 4, 203 Harbour Road Victoria, BC V9A 3S2 Phone: (250) 412-8368 www.obstructionlights.com

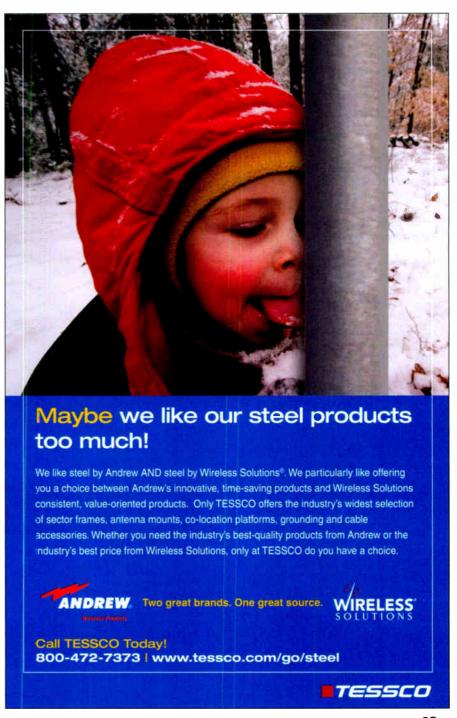
#### **Dialight Corporation**

1501 Route 34 South Farmingdale, NJ 07727 Phone: (732) 919-3119 Fax: (732) 751-5778 www.dialight.com

#### DigiComm Communications, LLC

P.O. Box 321

Pleasant Hill, MO 64080 Phone: (816) 564-8462 Fax: (816) 222-0393 www.telecompro.us





HIGH DEFINITION LIGHTING"

FarLight, LLC

846 Watson Ave., Unit C Wilmington, CA 90744 Phone: (310) 830-0181 Fax: 3108309066 www.farlight.com

FarLight LED obstruction lights... rugged, compact, lightweight, low energy consumption, long lifetime... everything you'd expect from an LED obstruction light, plus one thing you might not expect... great price!

see ad on page 35



Flash Technology

332 Nichol Mill Lane Franklin, TN 37067 Phone: (615) 503-2000 Fax: (615) 261-2600 www.flashtechnology.com see ad on page 33

Hark Tower Systems, Inc.

3507 Iron Horse Drive, Bldg 200 Ladson, SC 29456 Phone: (843) 285-7200

#### **Honeywell Obstruction Lighting**

550 State RT 55 Urbana, OH 43078 Phone: (937) 484-2056 Fax: (937) 484-2008 www.oblighting.com

ITL, LLC

P.O. Box 41875 Nashville, TN 37204 Phone: (615) 256-6030 Fax: (615) 256-6032 www.itl-llc.com see ad on page 75

#### L and M Solutions

2000 Mallory Lane Ste. 130-102 Franklin, TN 37067 Phone: (615) 604-0313 Fax: (615) 791-1835

#### Remote Monitoring Services, Inc.

4132 S Rainbow Blvd #262 Las Vegas, NV 89103 Phone: (800) 944-4452 Fax: (888) 505-4833 RMS monitors any brand lighting controller for failures of strobe/beacon, power, markers. Notam filing with FAA/FSS office in compliance with FCC regulations. Other monitoring services: Door Control, Temperature, Generator and Fuel Level Status.



#### Mission Critical Control Systems

#### Sentor Remote Wireless Monitoring Systems

221 W Lancaster Ave. - Unit 9012 Fort Worth, TX 76102 Phone: (817) 386-9748 Fax: (817) 288-0521 www.sentor.com

Sentor Remote Wireless Controls and Monitoring Service - Manages ALL Tower Functions and Alarms 24/7 such as Tower Lights, Security, Access Controls, HVAC, Generators, Batteries & even Transmitter/Antenna VSWR. Remotely view /record sites live with our Video over the Internet.

#### Skytec, Inc.

23 Inland Farm Dr. Windham, ME 04062 Phone: (207) 893-1700 Fax: (207) 893-1717

#### T.I.M.E.

5130 E. Charleston Blvd. Ste. 517 Las Vegas, NV 89142 Phone: (702) 858-6452 Fax: (785) 628-8242 www.timeteam.us

#### TWR Lighting, Inc.

4300 Windfern Road, Ste. 100 Houston, TX 77041 Phone: (713) 973-6905 Fax: (713) 973-9352 www.twrlighting.com

#### Unimar, Inc.

P.O. Box 220 Clay, NY 13041 Phone: (800) 739-9169 Fax: (315) 699-3700 www.unimar.com

#### WSI Lighting

4850 Nome St Denver, CO 80239 Phone: (800) 783-1450 www.wsilighting.com Xcel Controls, Inc. 1600 West 6th St. Mishawaka, IN 46544-1639 Phone: (574) 259-7804 Fax: (574) 259-5769 www.xcel.com

#### **Xenon Corporation**

37 Upton Drive Wilmington, MA 01887-1018 Phone: (978) 661-9033 www.xenoncorp.com

### lightning protection

#### **ACData Solutions**

806 W. Clearwater Loop, Ste. C Post Falls, 1D 83854 Phone: (208) 777-1166 Fax: (208) 777-4466 www.acdata.com

#### Acorn RF

P.O. Box 830 South Casco, ME 04077 Phone: (207) 627-7474 Fax: (207) 627-7473

#### **Alltec Corporation**

64 Catalyst Drive Canton, NC 28716 Phone: (828) 646-9290 Fax: (828) 646-9527 www.allteccorp.com

#### **ALT Fabrication**

122 Leesley Lane Argyle, TX 76226 Phone: (800) 950-7960 Fax: (940) 455-2817 www.altfabrication.com

#### **Atlantic Scientific Corporation**

4300 Fortune Place, Ste. A W. Melbourne, FL 32904 Phone: (321) 725-8000 Fax: (321) 727-0736 www.atlanticscientific.com



#### Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: (866) 9-BETTER Fax: (615) 535-0989 www.bettermetal.com Citel, Inc.

1515 NW 167th St Ste. 6-303 Miami, FL 33169

Phone: (305) 621-0022 www.citelprotection.com

#### Harger Lightning & Grounding

301 Ziegler Drive Grayslake, IL 60030 Phone: (847) 543-5004 www.harger.com

#### Huber+Suhner

19 Thompson Drive Essex Junction, VT 05452 Phone: (817) 428-3224 www.hubersuhner.com see ad on page 13

#### **Lightning Experts**

16392 Sam C Road Brooksville, FL 34613 Phone: (352) 797-0207 Fax: (352) 797-0208 www.lightningexperts.com

#### Nextek, Inc.

439 Littleton Road Westford, MA 1886 Phone: (978) 486-0582 Fax: (978) 486-0583 www.nexteklightning.com

#### **PolyPhaser Corporation**

2225 Park Place Minden, NV 89423 Phone: (775) 783-0244 Fax: (775) 782-4476 www.polyphaser.com

#### **Quality Power Services, LLC**

P.O. Box 26189 Hoover, AL 35260 Phone: (205) 999-6618 Fax: (888) 202-0372 www.qpsllc.net

Custom Products/Specialized Services: Soil & Resistance Testing, Forensic Audits-Lightning Damage/Issues, NEC & Standards Compliance Inspections. Surge Protection: AC/DC Power, OBS Lighting, Telco. Grounding Materials: Chemical Rods, Enhancement Materials, LPS & Hardware.

#### RLH Industries, Inc.

936 N. Main St. Orange, CA 92867 Phone: (714) 532-1672 Fax: (714) 532-1885 www.fiberopticlink.com





#### Site Pro 1, Inc.

15 Oser Ave. Hauppauge, NY 11788 Phone: (888) GET-PRO1 Fax: (631) 231-7682 www.sitepro1.com

Site Pro 1 is widely recognized as the industry's

leading manufacturer & distributor of wireless site components. Site Pro 1 is known for having the highest quality products available. From Coax Cable Accessories, Grounding Products, Ice Bridge Kits to Antenna Mounts, Site Pro 1 can DELIVER your site kit on time from any one of our Distribution Centers: New York, Atlanta or Los Angeles.



#### Tessco Technologies

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ad on pages 39, 49

### lightning suppression



#### Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: (866) 9-BETTER Fax: (615) 535-0989 www.bettermetal.com

#### Erico

34600 Solon Rd. Solon, OH 44139 Phone: (800) 677-9089 Fax: (800) 677-8131 www.erico.com

#### Lyncole XIT Grounding

3547 Voyager Street, Ste. 2041 Torrance, CA 90503 Phone: (310) 214-4000 Fax: (310) 214-1114 www.lyncole.com

#### Nott, Ltd.

4001 La Plata Hwy Farmington, NM 87401 Phone: (505) 327-5646 Fax: (505) 325-1142 www.nottltd.com

#### **PolyPhaser Corporation**

2225 Park Place Minden, NV 89423 Phone: (775) 783-0244 Fax: (775) 782-4476 www.polyphaser.com

P.O. Box 26189

#### **Quality Power Services, LLC**

Hoover, AL 35260 Phone: (205) 999-6618 Fax: (888) 202-0372 www.qpsllc.net Custom Products/Specialized Services: Soil & Resistance Testing, Forensic Audits-Lightning Damage/Issues, NEC & Standards Compliance

Inspections. Surge Protection: AC/DC Power,

OBS Lighting, Telco. Grounding Materials: Chemical Rods, Enhancement Materials, LPS & Hardware.

#### Site Pro 1, Inc.

15 Oser Ave. Hauppauge, NY 11788 Phone: (888) GET-PRO1 Fax: (631) 231-7682 www.siteprol.com

#### Transtector Systems, Inc.

10701 Airport Drive Hayden, ID 83835 Phone: (800) 882-9110 Fax: (208) 762-6117 www.transtector.com

### maintenance :



#### Aero Solutions, LLC

1966 13th St., Ste. 280 Boulder, CO 80302 Phone: (720) 304-6882 Fax: (720) 304-6883 www.aerosolutionsllc.com

Aero Solutions, LLC provides design/build monopole and tower services, specialized monopole and tower reinforcing systems, monopole extensions, stealth structures, rooftop platforms, and custom site specific solutions. Solutions that enable our customers to optimize the revenue potential of their tower infrastructure.

see ad on page 71

#### Allstate Tower, Inc.

P.O. Box 25 Henderson, KY 42419 Phone: (270) 830-8512 Fax: (270) 830-8475 www.allstatetower.com see ad on page 71

#### **American Communications**

8600 North Royal Lane, Ste. 150 Irving, TX 75063 Phone: (866) 593-5931 www.go-ac.com

#### Comm-Structt, Inc.

5340 Upper New Bethel Rd. Valdosta, GA 31605 Phone: (229) 560-9343 Fax: (229) 244-6714

#### DigiComm Communications, LLC

P.O. Box 321 Pleasant Hill, MO 64080 Phone: (816) 564-8462 Fax: (816) 222-0393

www.telecompro.us

#### Digital Tower Services, Inc.

2102 Country Club Road Troutville, VA 24175 Phone: (540) 966-5645 Fax: (540) 966-5647

#### Forerunner Tower Maintenance, Inc.

2880 Thompsons Station Rd. East Thompson Station, TN 37179 Phone: (615) 319-8003 Fax: (615) 794-0361 www.forerunnertower.com

#### Galvanized Endeavors, LLC

113 Latigo Lane, Ste. D-PMB 183 Canon City, CO 81212 Phone: (303) 358-3772 Fax: (719) 275-6385 www.galvanizedendeavors.com

#### Glen Martin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com see ad on page 11

#### Harrington Tower Services, Inc.

1092 Forest Dr. Benton, KY 42025 Phone: (270) 703-1098 www.harringtontower.com

#### Harrington Tower Services, Inc.

3515 South Ferdinand St Seattle, WA 98118 Phone: (206) 484-7070 www.harringtontower.com

#### Hi-Tech Towers, Inc.

P.O. Box 305 Gibson City, IL 60936 Phone: (217) 784-5212 Fax: (217) 784-5899 www.hi-techtowers.com

#### Hoosier Tower Service, Inc.

6206 Winstead Ln. Humble, TX 77396 Phone: (281) 441-1990

#### Hydradyne Hydraulics, LLC

P.O. Box 760 Harvey, LA 70059 Phone: (800) 421-3583 Fax: (504) 227-0852 www.hydra-dyne.com

#### L and M Solutions

2000 Mallory Lane Ste. 130-102 Franklin, TN 37067 Phone: (615) 604-0313

Fax: (615) 791-1835

#### Noash Construction, Inc.

P.O. Box 249 Sebree, KY 42455 Phone: (270) 835-9100 Fax: (270) 835-2030 www.noashconstruction.com

#### **Norris Tower Services**

3279 Trade Center Drive Riverside, CA 92507 Phone: (951) 684-2255 Fax: (951) 684-2225

#### **Oldcastle Communications**

P.O. Box 3250 Chandler, AZ 85244-3250 Phone: (480) 222-6200 Fax: (480) 222-6210 www.oldcastlecomm.com

# pendulum

#### Incorporating XL Microwave

#### **Pendulum Instruments** (incorporating XL Microwave)

5811 Racine Street Oakland, CA 94609 Phone: (510) 428-9488 Fax: (510) 428-9469

www.pendulum-instruments.com

Path Align-R: Microwave Antenna Path Alignment. Up to 23.5 GHz operating frequency. Designed to quickly & accurately align two microwave antenna sites. With Record-R, the embedded GPS receiver logs the results of the antenna path alignment into internal memory for date/time & position information in addition to the frequency and path loss data.

see ad on page 73

#### Public Utilities Maintenance, Inc.

106-18 Astoria Blvd. East Elmhurst, NY 11369 Phone: (718) 457-4540 Fax: (718) 457-5790 www.puminc.com

#### Rohr Backhoe Service, Inc.

741 Locust Street Hummelstown, PA 17036 Phone: (717) 566-3769

#### S and S Communication Specialists, Inc.

418 W. Main Street Hulbert, OK 74441 Phone: (918) 772-3702 Fax: (918) 772-1933

www.sandscommunication.com

#### Sector Technology Corp.

P.O. Box 167 Goodfield, IL 61742 Phone: (309) 256-2419 Fax: (309) 965-2320



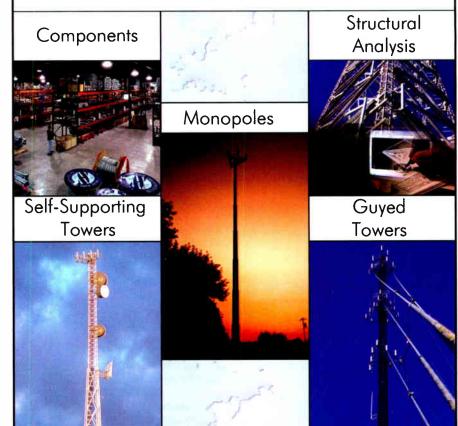
#### SiteMaster, Inc.

2488 East 81st Street, Ste. 600

Tulsa, OK 74137 Phone: (918) 663-2232 Fax: (918) 663-2291 www.sitemaster.com

SiteMaster is a national contractor servicing the wireless industry. SiteMaster performs scheduled and demand maintenance tower

# **Connecting the World**



### Your only choice for everything WIRELESS

# valmon<sup>.</sup>

**STRUCTURES** 

3575 25th Street SE Salem, Oregon 97302 Ph: 1-888-880-9191 Fax: 1-888-689-9555

Fast 1545 Pidco Drive Plymouth, IN 46563 Ph: 1-877-467-4763 Fax: 1-574-936-4763

Valmont towers now available on the WSCA contract

### maintenance - monitoring/remote

inspections, tower audits & tower mappings for tower owners & carriers. SiteMaster utilizes SiteSmart their proprietary web based asset management tool to store and transmit all reports to clients."

#### Skytec, Inc.

23 Inland Farm Dr. Windham, ME 04062 Phone: (207) 893-1700 Fax: (207) 893-1717

#### Structural Systems Technology, Inc.

6867 Elm St., Ste. 200 McLean, VA 22101 Phone: (800) 997-6555 Fax: (703) 448-0979 www.sst-towers.com

#### **Tower Innovations**

2855 Highway 261 Newburgh, IN 47630 Phone: (800) 664-8222 Fax: (812) 853-6652 www.towerinnovations.net see ad on page 41

#### TowerMRL, Inc.

4450 Robertson Road Madison, WI 53714 Phone: (608) 244-1855 Fax: (608) 244-3427 www.towermrl.com

#### Trusty Construction, LLC

306 E. Purnell Street Lewisville, TX 75057 Phone: (972) 219-2034 www.trustyconstruction.com



#### United States Tower Services, Ltd.

5263 Agro Drive Frederick, MD 21703 Phone: (301) 874-5885 Fax: (301) 874-5887 www.ustowerservices.com

#### Vasu Communications, Inc.

2432 Ridgeland Dr. Avon, OH 44011 Phone: (440) 934-5268 Fax: (440) 934-4679 www.vasucom.com

### Vellox Coatings

P.O. Box 5637 Salisbury, MA 01952 Phone: (978) 462-1355 www.vellox.com

#### Wes Tower Communications, Inc.

4834 South 40th Street Phoenix, AZ 85022 Phone: (602) 393-3037 Fax: (602) 393-3097 www.westower.com

### mapping & software



#### **BCI** Wireless

1617 Pearl St., Ste. 200 Boulder, CO 80302 Phone: (800) 584-8839 Fax: (720) 489-3764 www.bciwireless.net

Centrally located in beautiful Boulder, CO, BCI Wireless is just a quick flight away from completing everything from tower, foundation & 222-G inspections to structural analysis, reinf. designs & A&E, all with in-house engineers to maintain the highest level of detail & accuracy.

#### DataNet, Inc.

1127 Pennsylvania St. Denver, CO 80203 Phone: (303) 320-1800 Fax: (303) 320-1703 www.datanet.com

#### Fryer Marketing & Media

106 Lansdowne Court Lansdowne, PA 19050 Phone: (610) 931-7076 www.fryermarketing.com

#### Guymast, Inc.

1110 Finch Ave. W, Ste. 814 Toronto, Ontario M3J 2T2 Phone: (416) 736-7453 Fax: (416) 736-4372 www.guymast.com

#### NorthWest Tower Engineering

2210 Hewitt Ave. #209 Everett, WA 98201 Phone: (425) 258-4248 Fax: (425) 258-4289 www.nwtower.net



#### TowerSource

210 W. Albemarle Ave. Lansdowne, PA 19050 PHONE: (610) 284-9289 www.TowerSource.com



# TOWER MAPS

#### **Tower Maps**

38659 Bolington Rd. Lovettsville, VA 20180 Phone: (540) 822-5092 www.towermaps.com

### microwave filters

#### Radio Waves, Inc.

495 R. Billerica Ave. N. Billerica, MA 01862 Phone: (978) 459-8800 Fax: (978) 459-3310 www.radiowavesinc.com see ad on page 81

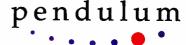
### monitoring

#### Flash Technology

332 Nichol Mill Lane Franklin, TN 37067 Phone: (615) 503-2000 Fax: (615) 261-2600 www.flashtechnology.com see ad on page 33

#### **PageTek**

182-104 Wind Chime Ct. Raleigh, NC 27615 Phone: (919) 518-1828



#### Incorporating XL Microwave

Pendulum Instruments (incorporating XL Microwave)

5811 Racine Street Oakland, CA 94609 Phone: (510) 428-9488 Fax: (510) 428-9469

www.pendulum-instruments.com

Path Align-R: Microwave Antenna Path Alignment. Up to 23.5 GHz operating frequency. Designed to quickly & accurately align two microwave antenna sites. With Record-R, the

embedded GPS receiver logs the results of the antenna path alignment into internal memory for date/time & position information in addition to the frequency and path loss data.

see ad on page 73

#### **Quest Controls**

208 9th Street Drive W. Palmetto, FL 34221 Phone: (941) 729-4799 Fax: (941) 729-5480 www.questcontrols.com

#### Remote Monitoring Services, Inc.

4132 S Rainbow Blvd #262 Las Vegas, NV 89103 Phone: (800) 944-4452 Fax: (888) 505-4833

#### Sentor Remote Wireless Monitoring Systems

221 W Lancaster Ave. - Unit 9012 Fort Worth, TX 76102 Phone: (817) 386-9748 Fax: (817) 288-0521 www.sentor.com

#### monitoring/remote

#### **Fibox Enclosures**

810 Cromwell Park Dr., Ste. R Glen Burnie, MD 21061 Phone: (410) 760-9696 Fax: (410) 760-8686 www.fiboxusa.com

#### Flash Technology

332 Nichol Mill Lane Franklin, TN 37067 Phone: (615) 503-2000 Fax: (615) 261-2600 www.flashtechnology.com see ad on page 33

#### Hark Tower Systems, Inc.

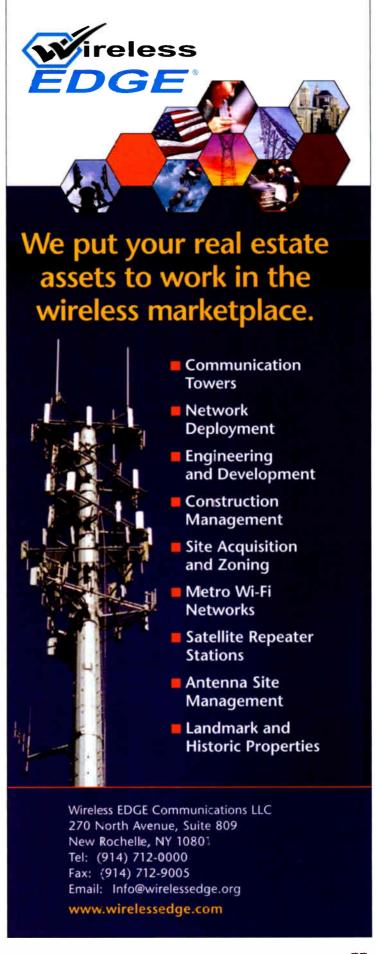
3507 Iron Horse Drive, Bldg 200 Ladson, SC 29456 Phone: (843) 285-7200

#### **Midian Electronics**

2302 E 22nd St Tucson, AZ 85713 Phone: (520) 884-7981 Fax: (520) 884-0422 www.midians.com

#### **PageTek**

182-104 Wind Chime Ct. Raleigh, NC 27615 Phone: (919) 518-1828 www.pagetek.net



January 2008 **55** 

#### **Quest Controls**

208 9th Street Drive W. Palmetto, FL 34221 Phone: (941) 729-4799 Fax: (941) 729-5480 www.questcontrols.com



#### Mission Critical Control Systems

#### Sentor Remote Wireless Monitoring Systems

221 W Lancaster Ave. - Unit 9012 Fort Worth, TX 76102 Phone: (817) 386-9748 Fax: (817) 288-0521

Fax: (817) 288-0521 www.sentor.com

Sentor Remote Wireless Controls and Monitoring Service - Manages ALL Tower Functions and Alarms 24/7 such as Tower Lights, Security, Access Controls, HVAC, Generators, Batteries & even Transmitter/Antenna VSWR. Remotely view /record sites live with our Video over the Internet.

#### Telewave, Inc.

660 Giguere Court San Jose, CA 95133 Phone: (408) 929-4400 Fax: (408) 929-4007 www.telewave.com see ad on page 5

#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ad on pages 39, 49

### mounting equipment



#### Better Metal, LLC 126 Wheeler Street LaVergne, TN 37086 Phone: (866) 9-BETTER

Fax: (615) 535-0989 www.bettermetal.com Better Metal is a leading manufacturer of wireless industry products. Centrally located near Nashville, TN, Better Metal is poised & ready to service your needs. Whether you require Antenna Mounts, Brackets & Clamps, Cable Ladder, Ice Bridge, Cable Tray, Grounding Products, Weatherproofing, Hardware, Platforms or Coax Accessories, our flatbed trucks, vast inventory & eager-to-please staff are awaiting your call.

#### Aluma-Form, Inc.

3625 Old Getwell Road Memphis, TN 38181-0555 Phone: (901) 362-0100 Fax: (901) 794-9515 www.alumaform.com see ad on page 67

#### Sabre Site Solutions

2301 Bridgeport Drive Sioux City, IA 51111 Phone: (866) 428-6937 Fax: (712) 293-1964 www.sabresitesolutions.com see ad on page 19

#### Site Pro 1, Inc.

15 Oser Ave. Hauppauge, NY 11788 Phone: (888) GET-PRO1 Fax: (631) 231-7682 www.sitepro1.com

#### Structural Components

1617A Pearl Street Boulder, CO 80302 Phone: (866) 386-7622 Fax: (720) 489-3764 www.structuralcomponents.net

#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ad on pages 39, 49

#### Wanho Mfg., LLC

137 Mattatuck Heights Waterbury, CT 06705 Phone: (203) 759-3744 Fax: (203) 759-3748 www.wanho.com

### multicouplers



#### Telewave, Inc.

660 Giguere Court San Jose, CA 95133 Phone: (408) 929-4400 Fax: (408) 929-4007 www.telewave.com see ad on page 5

### painting

#### **Diamond Tower**

23603 70th Ave. St. Cloud, MN 56301 Phone: (320) 761-2927 Fax: (320) 251-4104

#### Harrington Tower Services, Inc.

1092 Forest Dr. Benton, KY 42025 Phone: (270) 703-1098 www.harringtontower.com

#### Harrington Tower Services, Inc.

3515 South Ferdinand St Seattle, WA 98118 Phone: (206) 484-7070 www.harringtontower.com

#### Nex-Tech Mobile Radio Division

145 N. Main Lenora, KS 67645 Phone: (877) 567-7872 Fax: (785) 567-9253 www.nextech.radio-dealers.com

#### Public Utilities Maintenance, Inc.

106-18 ASTORIA BLVD. East Elmhurst, NY 11369 Phone: (718) 457-4540 Fax: (718) 457-5790 www.puminc.com

#### Shane Davis & Associates, Inc.

P.O. Box 4095 Winter Haven, FL 33885 Phone: (866) 967-0570 Fax: (863)968-0570 www.towerpainter.com

#### Sioux Falls Tower and Communications

2224 E. 39th Street N Sioux Falls, SD 57104 Phone: (605) 331-6972 Fax: (605) 332-7833 www.siouxfallstower.com

#### United States Tower Services, Ltd.

5263 Agro Drive Frederick, MD 21703 Phone: (301) 874-5885 Fax: (301) 874-5887 www.ustowerservices.com

#### **Vellox Coatings**

P.O. Box 5637 Salisbury, MA 01952 Phone: (978) 462-1355 www.vellox.com

### permit expediter



#### **CMX Engineering**

200 State Highway Nine P.O. Box 900 Manalapan, NJ 07726-0900 Phone: 732-577-9000

Fax: 732-577-9888 see ad on page 37

#### Innovative Engineering, Inc.

1144 Hooper Ave Toms River, NJ 08753 Phone: (732) 240-4400 Fax: (732) 505-1103 www.innovativeengineering.net

#### Wireless EDGE

270 North Ave., Ste. 809 New Rochelle, NY 10801 Phone: (914) 712-0000 Fax: (914) 712-9005 www.wirelessedge.com see ad on page 55

### point-to-point products



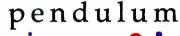
#### CarrierClass Deployment Services & Site Development

400 Stenton Ave. Ste. 204 Glenside, PA 19462 Phone: (267) 481-1461 Fax: (215) 836-1747 carrierclasstowers.com

#### KC Web Internet Services, Inc.

P.O. Box 136

Pleasant Hill, MO 64080 Phone: (816) 540-6348 Fax: (816) 222-0393



#### Incorporating XL Microwave

### Pendulum Instruments (incorporating XL Microwave)

5811 Racine Street Oakland, CA 94609 Phone: (510) 428-9488 Fax: (510) 428-9469

www.pendulum-instruments.com

Path Align-R: Microwave Antenna Path Alignment. Up to 23.5 GHz operating frequency. Designed to quickly & accurately align two microwave antenna sites. With Record-R, the embedded GPS receiver logs the results of the antenna path alignment into internal memory for date/time & position information in addition to the frequency and path loss data.

see ad on page 73



#### Radio Waves, Inc.

495 R. Billerica Ave. N. Billerica, MA 01862 Phone: (978) 459-8800 Fax: (978) 459-3310 www.radiowavesinc.com see ad on page 81



#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com

As innovative wireless technologies transform the way the world lives, works & plays. Tessco is positioned as the vital link of this still-expanding industry, matching customer needs with the products, services & solutions when & where you need them most. When you need to build, maintain, run and/or use wireless voice, messaging, data, video, & tracking & location systems, Tessco will deliver for you. Visit www.tessco.com to take advantage of Tessco's world-class web site.

see ad on pages 39, 49

### power systems, ups

#### IdaTech

63065 NE 18th St Bend, OR 97701 Phone: (541) 383-3390 Fax: (541) 383-3439 www.idatech.com



### power systems, ups - rf compliance/monitoring

#### **Katolight Corporation**

100 Power Drive Mankato, MN 56002-3229 Phone: (507) 385-8655 www.katolight.com

#### ReliOn

15913 E. Euclid Ave. Spokane, WA 99216 Phone: (509) 228-6553 Fax: (509) 228-6526 www.relion-inc.com

### real-estate services

### Berger Briggs Real Estate & Insurance, Inc.

4333 Pan American Frwy NE Albuquerque, NM 87107 Phone: (505) 247-0444 Fax: (505) 243-1505 www.bergerbriggs.com

#### Brian Cook & Associates, LLC

4026 Hawk Street, Ste. D San Diego, CA 92103 Phone: (619) 602-9444 Fax: (619) 260-0814 www.briancookandassociates.com

#### C Faulkner Engineering, LP

907 West 5th Street, Ste. 250 Austin, TX 78739 Phone: (512) 495-9470 Fax: (512) 495-9473 www.cfeamerica.com

#### **Cell Tower Attorney**

222 East 56th Street, Ste. 5J New York, NY 10022 Phone: (212) 223-3778 Fax: (877) 886-6570 www.celltowerattorney.com

#### DataNet, Inc.

1127 Pennsylvania St. Denver, CO 80203 Phone: (303) 320-1800 Fax: (303) 320-1703 www.datanet.com

#### **EBI** Consulting

21 B Street Burlington, MA 01803 Phone: (781) 273-2500 Fax: (781) 273-3311 www.ebiconsulting.com

#### Faulk & Foster

3040 Charlevoix Drive SE Grand Rapids, MI 49546 Phone: (616) 975-0923 Fax: (616) 985-0920 www.faulkandfoster.com

#### Faulk & Foster Real Estate, Inc.

1811 Auburn Ave. Monroe, LA 71201 Phone: (616) 975-0923 Fax: (616) 975-0920 www.faulkandfoster.com

#### Powder River Development Services, LLC

2523 Garfield Street, Ste. A Laramie, WY 82070 Phone: (307) 742-9416 Fax: (307) 742-6280 www.powderriverdev.com

#### SecuraSite, LLC

1631 NE Broadway, #100 Portland, OR 97232 Phone: (503) 781-9762 Fax: (425) 952-9481 www.securasite.net

#### Steel in the Air, Inc.

16001 Waterleaf Lane Fort Myers, FL 33908 Phone: (239) 362-4065 Fax: (866) 335-4053 www.steelintheair.com

#### White Pine Land Company

P.O. Box 910 Traverse City, MI 49684 Phone: (231) 929-3434 Fax: (231) 929-4555 www.whitepinecompanies.com

### repair services

#### Aero Solutions, LLC

1966 13th St., Ste. 280 Boulder, CO 80302 Phone: (720) 304-6882 Fax: (720) 304-6883 www.aerosolutionsllc.com see ad on page 71

#### AnchorGuard, LLC

2224 E. 39th St. N. Sioux Falls, SD 57104 Phone: (605) 331-6426 Fax: (605) 332-7833 www.anchorguard.com

#### **Bay Communications**

733 Pomona Ave. Albany, CA 94706 Phone: (510) 527-6600 Fax: (510) 524-1448 www.baycommunications.net

#### JM Test Systems

7323 Tom Drive Baton Rouge, LA 70471 Phone: (985) 373-1390 www.jmtest.com



#### SiteMaster, Inc.

2488 East 81st Street, Ste. 600 Tulsa, OK 74137 Phone: (918) 663-2232 Fax: (918) 663-2291 www.sitemaster.com

#### Skywalkerst Tech, LLC

10295 Rillridge Ct. Alpharetta, GA 30022 Phone: (404) 805-5702

### Stainless, LLC/Doty Moore Tower Services, LLC

1140 Welsh Road, Stc. 250 North Wales, PA 19454 Phone: (215) 631-1400 Fax: (215) 631-1425 www.stainlessllc.com

#### Synergy Concepts, Inc.

105 Ford Lane Hazelwood, MO 63042 Phone: (314) 895-2800 Fax: (314) 895-2804 www.synergyconceptsinc.com

### repeaters

#### **Mobile Relay Associates**

15330 Vermont Ave. Paramount, CA 90723 Phone: (323) 636-5202

#### Powerwave Technologies

1801 E. St. Andrew Place Santa Ana, CA 92705 Phone: (714) 466-1000 www.powerwave.com



#### Telewave, Inc.

660 Giguere Court San Jose, CA 95133 Phone: (408) 929-4400 Fax: (408) 929-4007 www.telewave.com see ad on page 5

#### Tessco Technologies

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ad on pages 39, 49

### research services

#### Fryer Marketing & Media

106 Lansdowne Court Lansdowne, PA 19050 Phone: (610) 931-7076 www.fryermarketing.com

### ri compliance/monitoring

#### **Advanced Frequency Engineering**

P.O. Box 412 Gibsonton, FL 33534 Phone: (813) 495-0038 Fax: (813) 677-3576 www.rfawareness.com



#### **AM Coordination Services**

421 McDonald Drive Inwood, WV 25428 Phone: (304) 229-6307 Fax: (304) 229-4925 www.amcoordination.com AM Broadcast pre and post field strength measurements; MiniNec Modeling; Intermodulation Studies; MPE Studies see ad on page 90

#### **Antenna Id Products**

22 Bryan Wynd Glenmoore, PA 19343 Phone: (610) 458-8418 Fax: (610) 458-8418 www.antennaID.com

#### **EBI** Consulting

21 B Street Burlington, MA 01803 Phone: (781) 273-2500 Fax: (781) 273-3311 www.ebiconsulting.com

#### **Evans Associates**

210 S. Main Street Thiensville, WI 53092 Phone: (262) 242-6000 Fax: (262) 242-6045 www.evansassoc.com

#### **Global RF Solutions**

1990 N. Alma School Rd. #122 Chandler, AZ 85226 Phone: (480) 814-1393 Fax: (509) 275-0709 www.grfs.net

#### Hammett & Edison Inc.

Box 280068 San Francisco, CA 94128 Phone: (707) 996-5200 Fax: (707) 996-5280 www.h-e.com

#### **Narda Safety Test Solutions**

435 Moreland Road Hauppauge, NY 11788 Phone: (631) 231-1700 Fax: (631) 231-1711 www.narda-sts.us

#### **PageTek**

182-104 Wind Chime Ct. raleigh, NC 27615 Phone: (919) 518-1828 www.pagetek.net

# pendulum

#### Incorporating XL Microwave

### Pendulum Instruments (incorporating XL Microwave)

5811 Racine Street Oakland, CA 94609 Phone: (510) 428-9488 Fax: (510) 428-9469

www.pendulum-instruments.com

Path Align-R: Microwave Antenna Path Alignment. Up to 23.5 GHz operating frequency. Designed to quickly & accurately align two microwave antenna sites. With Record-R, the embedded GPS receiver logs the results of the antenna path alignment into internal memory for date/time & position information in addition to the frequency and path loss data.

see ad on page 73

#### Radio Licensing Services

P.O. Box 22161 Milwaukie, OR 97269-2161 Phone: (800) 304-8821 Fax: (503) 794-3759 www.radiolicensing.com

#### RF Safety Solutions, LLC

5 Marblestone Lane South Setauket, NY 11720 Phone: (631) 698-6765 Fax: (631) 732-2919 www.rfsafetysolutions.com

#### Sentor Remote Wireless Monitoring Systems

221 W Lancaster Ave. - Unit 9012 Fort Worth, TX 76102 Phone: (817) 386-9748 Fax: (817) 288-0521 www.sentor.com





**UniTech Services Group** 

1235E East Blvd. Ste. 222 Charlotte, NC 28203 Phone: (704) 377-2010 Fax: (866) 379-9577 www.unitech-rf.com

UniTech offers innovative RF protection garments for purchase and rental. Our smartly designed garment system uses patented Naptex, proven in 2 decades of field use. With 50 years in radiation protection, UniTech is your source for RF safety. Subsidiary of UniFirst Corp.

see ad on page 51

### rf management



**Advanced Frequency Engineering** 

P.O. Box 412 Gibsonton, FL 33534 Phone: (813) 495-0038 Fax: (813) 677-3576 www.rfawareness.com

#### Hammett & Edison Inc.

Box 280068 San Francisco, CA 94128 Phone: (707) 996-5200 Fax: (707) 996-5280 www.h-e.com

#### **Radio Licensing Services**

P.O. Box 22161 Milwaukie, OR 97269-2161 Phone: (800) 304-8821 Fax: (503) 794-3759 www.radiolicensing.com

#### T.I.M.E.

5130 E. Charleston Blvd. Ste. 517 Las Vegas, NV 89142 Phone: (702) 858-6452 Fax: (785) 628-8242 www.timeteam.us

#### Trott Communications Group, Inc.

4320 N Belt Line Rd., Ste. A100 Irving, TX 75038-3533 Phone: (972) 252-9280 Fax: (972) 258-8172 www.trottgroup.com



#### **UniTech Services Group**

1235E East Blvd. Ste. 222 Charlotte, NC 28203 Phone: (704) 377-2010 Fax: (866) 379-9577 www.unitech-rf.com

UniTech offers innovative RF protection garments for purchase and rental. Our smartly designed garment system uses patented Naptex, proven in 2 decades of field use. With 50 years in radiation protection, UniTech is your source for RF safety. Subsidiary of UniFirst Corp. see ad on page 51

### rooftop enclosures

# Antenna Concealment

#### **ConcealFab Corporation**

4335 Northpark Drive Colorado Springs CO 80907 Phone: (719) 599-3400 Fax: (719) 599-0057 www.concealfab.com ConcealFab™ antenna screenwalls and enclo-

sures are low-cost and maintenance-free. RF Transparent ConcealSkin™ technology provides unmatched insertion loss up to EHF microwave and backhaul spectrums. Systems include a pre-fabricated steel antenna frame for rapid site installation.

#### Fibergrate Composite Structures, Inc.

5151 Beltline Rd., Ste. 700 Dallas, TX 75254-7029 Phone: (800) 527-4043 Fax: (972) 250-1530 www.fibergrate.com

#### Fibox Enclosures

810 Cromwell Park Dr., Ste. R Glen Burnie, MD 21061 Phone: (410) 760-9696 Fax: (410) 760-8686 www.fiboxusa.com

#### **Oldcastle Communications**

P.O. Box 3250 Chandler, AZ 85244-3250 Phone: (480) 222-6200 Fax: (480) 222-6210 www.oldcastlecomm.com

13435 Estelle Street



#### **Peabody RF Transparent Concealment**

Corona, CA 92879 Phone: (951) 734-7711 www.peabodyconcealment.com RF Transparent Concealment. Carrier approved and WiMax ready. RF tested to exceed market requirements. Our panels match all types of surfaces and textures and are made using Class 1 fire retardant resin. We ship our materials fully built and ready to install quickly. see ad on page 43

#### VFP, Inc.

2840 Electric Rd., Ste. A-201 Roanoke, VA 24018-3544 Phone: (540) 977-0500 Fax: (540) 977-5555 www.vfpinc.com

### safety

#### Aarcher, Inc.

910 Commerce Road Annapolis, MD 21401 Phone: (410) 897-9100 Fax: (410) 897-9104 www.aarcherinc.com

#### Advanced Support Products, Inc.

P.O. Box 1284 Tomball, TX 77377 Phone: (281) 357-1277 Fax: (281) 357-0577 www.aspbase.com

#### AnchorGuard, LLC

2224 E. 39th St. N. Sioux Falls, SD 57104 Phone: (605) 331-6426 Fax: (605) 332-7833 www.anchorguard.com

#### **Antenna Products**

101 SE 25th Ave. Mineral Wells, TX 76067 Phone: (940) 325-3301 Fax: (940) 325-0716 www.antennaproducts.com

### Capital Safety (DBI-SALA and PROTECTA)

3833 Sala Way Red Wing, MN 55066 Phone: (651) 385-6212 Fax: (651) 388-5065 www.capitalsafety.com



#### ComTrain, LLC

N3680 Aebly Road Monroe, WI 53566 Phone: (608) 329-4840 Fax: (608) 329-4851 www.comtrainusa.com

Provides courses on certified Tower Climbing safety and Rescue, which covers equipment, hazards, and emergency rescue techniques. Basic Tower Construction course reviews procedures and regulations for construction a turnkey tower.

see ad on page 65



#### Dynamic Environmental Associates, Inc.

P.O. Box 7058

Lake Worth, FL 33466 Phone: (877) 968-4787 Fax: (561) 968-6847

www.dynamicenvironmental.com

Dynamic Environmental Associates, Inc. is the industry recognized source for: NEPA Compliance; Environmental Site Assessments; Permitting, Auditing and Reporting. By adhering to our core principles, DEA has achieved recognition from both the tower industry and competitors alike as being leading experts in environmental assessment and compliance. For over 15 years DEA has been providing the communications industry with expert professional environmental services.

see ad on page 29

#### **EBI** Consulting

21 B Street Burlington, MA 01803 Phone: (781) 273-2500

Fax: (781) 273-3311



Elk River, Inc. P.O. Box 1770 Cullman, AL 35056 Phone: (800) 633-3954 Fax: (256) 739-3105 www.elkriver.com

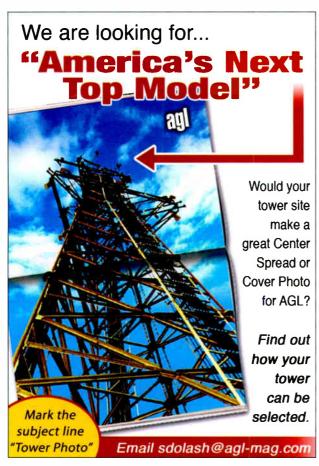
see ad on page 59



GME Supply Company 13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 940-6762 Fax: (775) 490-1300 www.gmesupply.com

#### Midwest Unlimited, LLC

1000 Oak Street Lincoln, NE 68521 Phone: (402) 434-5446 Fax: (402) 434-5449 www.midwestunlimited.com





#### **Narda Safety Test Solutions**

435 Moreland Road Hauppauge, NY 11788 Phone: (631) 231-1700 Fax: (631) 231-1711 www.narda-sts.us

#### Novatec Braids, Ltd.

234 Water Street Yarmouth, NS B5A 4P8 Phone: (800) 565-4212 Fax: (902) 742-1832 www.novabraid.com

#### Pelican Rope Works

4001 W Carriage Drive Santa Ana, CA 92704 Phone: (800) 464-7673 Fax: (714) 545-7673 www.pelicanrope.com

A 25 year old ISO9000-2001 Certified manufacturer of high performance climbing & lifting ropes & safety lanyards. See us at www.pelicanrope.com. Specializing in double-braid, 12-strand & kernmantle ropes with Kevlar, Spectra & Nylon fibers.

#### **Primus Electronics**

18424 NW Frontage Road Joliet, IL 60431 Phone: (800) 435-1636 Fax: (800) 767-7605 www.primuselectronics.com

#### Sulowski Fall Protection, Inc.

2407 - 1300 Islington Ave. Toronto, ON M9A 5C4 Phone: (416) 233-2872 Fax: (416) 233-4367 www.fallpro.com

Our exclusive specialty is fall protection equipment, systems and methods for both, construction (self-support as well as guyed towers) and maintenance (incl. helicopter transfers of techs). We consult, provide specialized training, and serve as expert witnesses.

#### Tennessee Equipment Supply, Inc.

921 Olive Road Knoxville, TN 37934 Phone: (800) 327-4036 Fax: (865) 966-0042 www.towergear.com

Distributors of safety, work and rescue products. Including: Elk River, DBI-Sala, Tractel, Petzl, Sterling Rope (kernmantle rescue/lifelines), NovaTech Ropes (rigging and tag lines), pulleys, blocks, Kenwood radios, CamelBak, first aid, earplugs, and safety glasses.

#### **Tuf-Tug Products**

3434 Encrete Lane Moraine, OH 45439 Phone: (937) 299-1213 www.tuf-tug.com



#### **UniTech Services Group**

1235E East Blvd. Ste. 222 Charlotte, NC 28203 Phone: (704) 377-2010 Fax: (866) 379-9577 www.unitech-rf.com

UniTech offers innovative RF protection garments for purchase and rental. Our smartly designed garment system uses patented Naptex, proven in 2 decades of field use. With 50 years in radiation protection, UniTech is your source for RF safety. Subsidiary of UniFirst Corp. see ad on page 51

#### Videx, Inc.

1105 NE Circle Blvd Corvallis, OR 97330 Phone: (541) 758-0521 Fax: (541) 752-5285 www.videx.com/lock113



#### **Heinz Corporation**

804 Lebanon Drive St Louis, MO 63104 Phone: (314) 231-1200 Fax: (314) 336-0363 www.heinzcorp.com

#### Sentor Remote Wireless Monitoring Systems

221 W Lancaster Ave. - Unit 9012 Fort Worth, TX 76102 Phone: (817) 386-9748 Fax: (817) 288-0521 www.sentor.com

#### Videx, Inc.

1105 NE Circle Blvd Corvallis, OR 97330 Phone: (541) 758-0521 Fax: (541) 752-5285 www.videx.com/lock113

### site construction

#### Aarcher, Inc.

910 Commerce Road Annapolis, MD 21401 Phone: (410) 897-9100 Fax: (410) 897-9104 www.aarcherinc.com

### Accelerated Communications Specialists, LLC

1504 W. 118th Street South Jenks, OK 74037 Phone: (918) 830-7074 Fax: (918) 299-0024

#### Allcomm Wireless, Inc.

4116 First Ave. North Birmingham, AL 35222 Phone: (205) 591-8804 www.allcomm.com

#### **Bay Communications**

733 Pomona Ave. Albany, CA 94706 Phone: (510) 527-6600 Fax: (510) 524-1448 www.baycommunications.net



#### TOWER CONSTRUCTION

#### **BL Tower Construction**

2732 N. Sheridan Road Tulsa, OK 74115 Phone: (918) 834-8020 Fax: (918) 838-0548 www.blconstruction.com

#### Black & Veatch

10950 Grandview Drive Overland Park, KS 66210 Phone: (913) 458-7120 Fax: (913) 458-8136 www.bytelecom.com

#### **Breakthrough Communications**

3620 Byers Ave. Fort Worth, TX 76107 Phone: (817) 732-7791 Fax: (817) 731-8335 www.pagetexas.com

#### C Faulkner Engineering, LP

907 West 5th Street, Ste. 250 Austin, TX 78739 Phone: (512) 495-9470 Fax: (512) 495-9473 www.cfeamerica.com

#### Capital Tower & Communications, Inc.

13330 Amberly Rd. / P.O. Box 273 Waverly, NE 68462 Phone: (800) 767-5435 Fax: (402) 786-3339 www.capitaltower.com



#### CellXion, LLC

5031 Hazel Jones Rd. Bossier City, LA 71111 Phone: (318) 213-2900 Fax: (318) 213-2919 www.cellxion.com



#### **CMX** Engineering

200 State Highway Nine P.O. Box 900 Manalapan, NJ 07726-0900

Phone: 732-577-9000 Fax: 732-577-9888

CMX is on the cutting edge of wireless and fiberoptic technology, serving many of the nation's largest telecom providers. Services include civil, structural and electrical engineering, site surveys, permitting, right-of-way negotiations, landscape architecture, land acquisition assistance, and project and construction management.

see ad on page 37

#### Contour Contracting, Inc.

8370 Jumpers Hole Rd. Millersville, MD 21146 Phone: (410) 544-4177 Fax: (866) 655-5882

#### **Day Wireless Systems**

4700 SE International Way Milwaukie, OR 97222 Phone: (503) 659-1240 Fax: (503) 794-3774

#### **Diamond Tower**

23603 70th Ave. St. Cloud, MN 56301 Phone: (320) 761-2927 Fax: (320) 251-4104

#### **Expert Construction Managers, Inc.**

815 S. Kings Ave. Brandon, FL 33511 Phone: (813) 657-7810 Fax: (813) 571-0875

#### Galvanized Endeavors, LLC

113 Latigo Lane, Ste. D-PMB 183 Canon City, CO 81212 Phone: (303) 358-3772 Fax: (719) 275-6385 www.galvanizedendeavors.com

#### GlenMartin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com see ad on page 11

#### **Heinz Corporation**

804 Lebanon Drive St Louis, MO 63104 Phone: (314) 231-1200 Fax: (314) 336-0363 www.heinzcorp.com

#### Hi-Tech Towers, Inc.

P.O. Box 305 Gibson City, IL 60936 Phone: (217) 784-5212 Fax: (217) 784-5899 www.hi-techtowers.com

#### J. M. Stitt & Associates, Inc.

621 E. Mehring Way 31907 Cincinnati, OH 45202 Phone: (513) 621-9292 Fax: (513) 651-9622 www.jmstittassociates.com



#### **KCI Wireless Services**

1301 Briggs Ave., Ste. 100 Hillsborough, NC 27278 Phone: (919) 957-9620 Fax: (919) 957-9640 www.kci.com

KCI is an ENR top 10 rated Telecommunications Service provider. In-house forces specialize in Management, Design, Construction, Upgrades, and Installations.

#### **Lone Star Wireless Services**

11380 Mitchell Circle Ponder, TX 76259 Phone: (469) 358-3198

#### Noash Construction, Inc.

P.O. Box 249 Sebree, KY 42455 Phone: (270) 835-9100 Fax: (270) 835-2030 www.noashconstruction.com

#### Fred A. Nudd, Corporation

1743 Route 104, P.O. Box 577 Ontario, NY 14519 Phone: (315) 524-2531 Fax: (315) 524-4249



#### **Outrigger Contractor**

6610 East 11th Ave. Spokane, WA 99212 Phone: (509) 939-2465 www.outriggercontractor.com



#### **PEGASUS TOWER**

#### **Pegasus Tower Company**

P.O. Box 233 Richlands, VA 24641 Phone: (276) 964-7416 Fax: (276) 963-2587 www.pegasustower.com

#### Penn-Tech International, Inc.

306 Westtown Rd. West Chester, PA 19382 Phone: (610) 692-4436 Fax: (610) 692-6760 www.ptii.net

#### Pike & Fischer

1010 Wayne Ave., Ste. 1400 Silver Spring, MD 20910 Phone: (301) 562-1530 Fax: (301) 562-1521 www.celulr.com



#### S and S Communication Specialists, Inc.

418 W. Main Street Hulbert, OK 74441 Phone: (918) 772-3702 Fax: (918) 772-1933 www.sandscommunication.com

Complete tower services including roof-tops, billboards, water tanks, guyed and supported towers, monopoles, maintenance, inspections, cellular and microwave installation, complete site construction including civil, electrical, grounding, fencing and tower installation, tower mapping, extensions and reinforcements.

#### **Sioux Falls Tower and Communications**

2224 E. 39th Street N Sioux Falls, SD 57104 Phone: (605) 331-6972 Fax: (605) 332-7833 www.siouxfallstower.com

#### Site Certifications

P.O. Box 168 Kinsman, OH 44428 Phone: (330) 367-7100 Fax: (330) 876-5500 www.sitecertifications.com see ad on page 90

#### Spectre Air and Ground Freight, Inc.

2330 Via Del Robles Fallbrook, CA 92028 Phone: (800) 867-5580 www.spectreair.com

#### Universal Support Systems, LLC

102 Manor Ave., Ste. 101 Bardstown, KY 40004 Phone: (270) 234-9135 Fax: (502) 331-9992 www.uss-usa.com



#### **Utility Service Communications**

535 Courtney Hodges Blvd. Perry, GA 31069 Phone: (800) 679-7819 Fax: (478) 987-1844 www.utilityservice.com

Utility Service Communications specializes in Site Management and Site Construction for wireless facilities on water tank sites. We provide turnkey construction services, including structural analysis, A&E drawings, steel fabrications and installation, all AWWA and OSHA compliant.

see ad on page 45



#### WesTower Communications, Inc.

4834 South 40th Street Phoenix, AZ 85022 Phone: (602) 393-3037 Fax: (602) 393-3097 www.westower.com

WesTower was founded in 1989 and is the largest G.C. in the North American with 18 offices in the US and 9 offices in Canada. WesTower provides, site design, engineering, project management, turnkey, construction and maintenance services throughout U.S. Canada.

### site management & acquisition

#### Aarcher, Inc.

910 Commerce Road Annapolis, MD 21401 Phone: (410) 897-9100 Fax: (410) 897-9104 www.aarcherinc.com

#### **Advanced Frequency Engineering**

P.O. Box 412 Gibsonton, FL 33534 Phone: (813) 495-0038 Fax: (813) 677-3576 www.rfawareness.com



#### **American Communications**

8600 North Royal Lane, Ste. 150 Irving, TX 75063 Phone: (866) 593-5931 www.go-ac.com

#### **Antenna Id Products**

22 Bryan Wynd Glenmoore, PA 19343 Phone: (610) 458-8418 Fax: (610) 458-8418 www.antennalD.com

#### Beacon 360, LLC

P.O. Box 102635 Denver, CO 80250 Phone: (303) 328-5788 Fax: (303) 374-5465 www.beacon360.com

#### Black & Veatch

10950 Grandview Drive Overland Park, KS 66210 Phone: (913) 458-7120 Fax: (913) 458-8136 www.bytelecom.com

#### Brian Cook & Associates, LLC

4026 Hawk Street, Ste. D San Diego, CA 92103 Phone: (619) 602-9444 Fax: (619) 260-0814 www.briancookandassociates.com

### CarrierClass Deployment Services & Site Development

400 Stenton Ave., Ste. 204 Glenside, PA 19462 Phone: (267) 481-1461 Fax: (215) 836-1747 www.carrierclasstowers.com



### Cellere

#### Cellere, LLC

4110 Copper Ridge Drive, Ste. 204 Traverse City, MI 49684 Phone: (231) 929-4555 Fax: (231) 929-0099

www.cellere.us

Cellere provides full turnkey wireless solutions; beginning with site acquisition continuing through tower construction and site maintenance. Utilizing in-house resources and construction/tower crews, we will help you accomplish your project on time and within budget.



#### **CMX Engineering**

200 State Highway Nine P.O. Box 900

Manalapan, NJ 07726-0900 Phone: 732-577-9000 Fax: 732-577-9888

CMX is on the cutting edge of wireless and fiberoptic technology, serving many of the nation's largest telecom providers. Services include civil, structural and electrical engineering, site surveys, permitting, right-of-way negotiations, landscape architecture, land acquisition assistance, and project and construction management.

see ad on page 37

#### **Day Wireless Systems**

4700 SE International Way Milwaukie, OR 97222 Phone: (503) 659-1240 Fax: (503) 794-3774



#### **Excell Communications, Inc.**

6257 Amber Hills Road Trussville, AL 35173 Phone: (423) 400-7170

www.excellcommunications.com

Excell Communications is one of the largest site development and construction firms serving the wireless industry throughout the southeast. For 10 years, we have provided the highest quality of vendor services and unsurpassed customer satisfaction. Make your network excell.

see ad on inside back cover

#### Faulk & Foster

3040 Charlevoix Drive SE Grand Rapids, MI 49546 Phone: (616) 975-0923 Fax: (616) 985-0920 www.faulkandfoster.com

#### Faulk & Foster Real Estate, Inc.

1811 Auburn Ave. Monroe, LA 71201 Phone: (616) 975-0923 Fax: (616) 975-0920 www.faulkandfoster.com

#### Heartland Tower, Inc.

P.O. Box 5307 Topeka, KS 66605-0307 Phone: (785) 266-3999 www.heartlandtower.com

#### J. M. Stitt & Associates, Inc.

621 E. Mehring Way 31907 Cincinnati, OH 45202 Phone: (513) 621-9292 Fax: (513) 651-9622 www.jmstittassociates.com

#### John J. Davis & Associates

P.O. Box 128 Sierra Madre, CA 91025 Phone: (626) 355-6909 www.SoCalTowers.com

#### **KGI** Wireless

6200 Bridgepoint Parkway Building Four,

Ste. 520

Austin, TX 78730 Phone: (512) 345-9595 Fax: (512) 345-9898 www.kgiwireless.com

KGI markets and licenses over one billion dollars worth of land, building and tower assets for ALLTEL Corporation, Charter Communications, Mediacom Communications, the National Cable Television Cooperative and Time Warner Cable. With more than 7,000 sites covering 80% of the major wireless markets in 2,600 cities and 48 states, KGI is one of the fastest-growing wireless site marketing companies in North America.



#### Lyle

3140 Gold Camp Dr., Ste. 30 Rancho Cordova, CA 95670 Phone: (866) 434-LYLE Fax: (916) 266-7001 www.lyleco.com

Lyle is the leading solutions partner of the wireless industry, providing mission critical solutions for network and infrastructure needs. Our expertise includes: Strategic Site Development, Collocation Management, Portfolio Optimization, Auditing and Data Management, and Professional Services. We understand your needs. We have the know how. We have a proven track record. We deliver exceptional value.

see ad on page 17



### site management & acquisition - surge protection

#### Mauna Towers, LLC

87 Jasper Lake Road Loveland, CO 80537 Phone: (970) 669-9200 Fax: (970) 669-0800



#### **Message Center Management**

Keep Your Sites On Us\*

#### MCM, Inc.

40 Woodland Street Hartford, CT 06105 Phone: (888) 973-7483 Fax: (860) 727-5762 www.mcmgmt.com

MCM, Inc. is a wireless tower owner and rooftop site development company offering wireless telecommunication project management services throughout the country.

see ad on page 75

#### Mountaintop Services, Inc.

10 Quarry Road, Ste. C Bolton, CT 06043 Phone: (860) 647-7772 Fax: (860) 647-8519 www.mountaintopservices.com

#### **Pegasus Tower Company**

P.O. Box 233 Richlands, VA 24641 Phone: (276) 964-7416 Fax: (276) 963-2587 www.pegasustower.com

#### Powder River Development Services, LLC

2523 Garfield Street, Ste. A Laramie, WY 82070 Phone: (307) 742-9416 Fax: (307) 742-6280 www.powderriverdev.com

#### **RJR Wireless**

23501 Park Sorrento, Ste. 218 Calabasas, CA 91302-1381 Phone: (818) 222-7483 Fax: (818) 222-7487

RJR Wireless provides (since 1998) consulting and special project services for antenna site managers, owners, and users. Contact Rich Reichler at RJRWireles@aol.com. Member of PCIA, EWA, and The Radio Club of America.

#### Selective Site Consultants, Inc.

8500 W. 110th St., Ste. 300 Overland Park, KS 66210 Phone: (913) 438-7700 Fax: (913) 438-7777 www.selcetivesite.com

#### Sequoia Telecom, LLC

27762 Antonio Pkwy., Ste. L1-496 Ladera Ranch, CA 92694 Phone: (877) 698-5169 www.sequoiatelecom.com

#### Shared Towers, LLC

1390 Chain Bridge Rd #40 McLean, VA 22101 Phone: (703) 893-0806 www.sharedtowers.com

#### Sioux Falls Tower and Communications

2224 E. 39th Street N Sioux Falls, SD 57104 Phone: (605) 331-6972 Fax: (605) 332-7833 www.siouxfallstower.com

#### **SRP Telecom**

P.O. Box 52025 Phoenix, AZ 85072 Phone: (602) 236-8777 www.srpnet.com



#### SUBcarrier COMmunications

#### SubCarrier Communications, Inc.

139 White Oak Lane Old Bridge, NJ 08887 Phone: (732) 607-2828 Fax: (732) 607-1390 www.subcarrier.com

Subcarrier Communications, Inc. has been providing rooftop and tower telecommunications site management for over 20 years. We specialize in the placement of antenna systems for the communications industry. We provide building and tower owners with quality site management services, including planning and design of the communications site, lease negotiations, installation and maintenance.

see ad on back cover

#### **Tower Acquisition, LLC**

190 Housatonic St. Lee, MA 01238 Phone: (413) 841-1860 www.toweracquisition.com



#### **Tower Economics**

700 Rt. 130 North Cinnaminson, NJ 08077 Phone: (856) 786-7200 Fax: (856) 786-7450 www.towereconomics.com

Nobody can deliver one or a package of sites that fit better or that are more sensibly priced

than Tower Economics. see ad on page 9

#### **Tower Maps**

38659 Bolington Rd. Lovettsville, VA 20180 Phone: (540) 822-5092 www.towermaps.com

#### **Towers of Texas**

HCR 1, P.O. Box 2000 Sandia, TX 78383 Phone: (800) 447-9115 www.towersoftexas.com



#### **Utility Service Communications**

535 Courtney Hodges Blvd. Perry, GA 31069 Phone: (800) 679-7819 Fax: (478) 987-1844 www.utilityservice.com

Utility Service Communications specializes in Site Management and Site Construction for wireless facilities on water tank sites. We provide turnkey construction services, including structural analysis, A&E drawings, steel fabrications and installation, all AWWA and OSHA compliant.

see ad on page 45



#### Wireless EDGE

270 North Ave., Ste. 809 New Rochelle, NY 10801 Phone: (914) 712-0000 Fax: (914) 712-9005 www.wirelessedge.com

Wireless EDGE is a premier provider of network implementation services & strategic tower sites.

**66** above ground level

Nationwide services include: tower development, site management, development of cell sites & satellite terrestrial repeaters, special projects. We specialize in development & permitting of antenna sites on landmark & historic properties. see ad on page 55

### solar power

#### Carmanah Technologies Corp.

Building 4, 203 Harbour Road Victoria, BC V9A 3S2 Phone: (250) 412-8368 www.obstructionlights.com

#### RLH Industries, Inc.

936 N. Main St. Orange, CA 92867 Phone: (714) 532-1672 Fax: (714) 532-1885 www.fiberopticlink.com



#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com

As innovative wireless technologies transform the way the world lives, works & plays. Tessco is positioned as the vital link of this still-expanding industry, matching customer needs with the products, services & solutions when & where you need them most. When you need to build, maintain, run and/or use wireless voice, messaging, data, video, & tracking & location systems, Tessco will deliver for you. Visit www.tessco.com to take advantage of Tessco's world-class web site.

see ad on pages 39, 49

### support structures

#### Advanced Support Products, Inc.

P. O. Box 1284 Tomball, TX 77377 Phone: (281) 357-1277 Fax: (281) 357-0577 www.aspbase.com



#### Aluma-Form, Inc.

3625 Old Getwell Road Memphis, TN 38181-0555 Phone: (901) 362-0100 Fax: (901) 794-9515 www.alumaform.com

Aluma-Form manufactures a wide range of antenna mounts and accessories designed and manufactured using our unique extruded aluminum alloy. This high strength 6061-T6 alloy (35,000-PSI minimum yield strength) provides the structural equivalent of steel with approximately 65% less weight. 6061-T6 aluminum is also extremely corrosion resistant.

see our ad on this page

#### **CDMI**

969 Griffin Pond Rd. Clarks Summit, PA 18411 Phone: (570) 587-3077 Fax: (570) 587-3075 www.cdmiwireless.com see ad on page 61

#### GlenMartin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com see ad on page 11

### surge protection/

#### **ACData Solutions**

806 W. Clearwater Loop, Ste. C Post Falls, ID 83854 Phone: (208) 777-1166 Fax: (208) 777-4466 www.acdata.com

#### **Alltec Corporation**

64 Catalyst Drive Canton, NC 28716 Phone: (828) 646-9290 Fax: (828) 646-9527 www.allteccorp.com

#### **Atlantic Scientific Corporation**

4300 Fortune Place, Ste. A W. Melbourne, FL 32904 Phone: (321) 725-8000 Fax: (321) 727-0736 www.atlanticscientific.com

#### Citel, Inc.

1515 NW 167th St Ste. 6-303 Miami, FL 33169 Phone: (305) 621-0022 www.citelprotection.com

#### Erico

34600 Solon Rd. Solon, OH 44139 Phone: (800) 677-9089 Fax: (800) 677-8131 www.erico.com

#### Lyncole XIT Grounding

3547 Voyager Street, Ste. 204 Torrance, CA 90503 Phone: (310) 214-4000 Fax: (310) 214-1114 www.lyncole.com



#### Nextek, Inc.

439 Littleton Road Westford, MA 1886 Phone: (978) 486-0582 Fax: (978) 486-0583 www.nexteklightning.com

#### PolyPhaser Corporation

2225 Park Place Minden, NV 89423 Phone: (775) 783-0244 Fax: (775) 782-4476 www.polyphaser.com



"Zero Downtime, Maximum Productivity, Proven Solutions"

#### Quality Power Services, LLC

P.O. Box 26189 Hoover, AL 35260 Phone: (205) 999-6618 Fax: (888) 202-0372 www.qpsllc.net

Custom Products/Specialized Services: Soil & Resistance Testing, Forensic Audits-Lightning Damage/Issues, NEC & Standards Compliance Inspections. Surge Protection: AC/DC Power, OBS Lighting, Telco. Grounding Materials: Chemical Rods, Enhancement Materials, LPS & Hardware.

#### Raycap

One Copely Parkway, Stc. 545 Morrisville, NC 27560 Phone: (919) 200-4508 Fax: (919) 342-5607 www.raycap.com

#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ad on pages 39, 49

#### Transtector Systems, Inc.

10701 Airport Drive Hayden, ID 83835 Phone: (800) 882-9110 Fax: (208) 762-6117 www.transtector.com

#### Wanho Mfg., LLC

137 Mattatuck Heights Waterbury, CT 06705 Phone: (203) 759-3744 Fax: (203) 759-3748 www.wanho.com

### system design

#### **Day Wireless Systems**

4700 SE International Way Milwaukie, OR 97222 Phone: (503) 659-1240 Fax: (503) 794-3774

#### Engineering Associates, Inc.

1220 Old Alpharetta Road, Ste. 390 Alpharetta, GA 30005 Phone: (678) 455-7266 Fax: (678) 455-9223 www.engineeringassociates.com

#### Telewave, Inc.

660 Giguere Court San Jose, CA 95133 Phone: (408) 929-4400 Fax: (408) 929-4007 www.telewave.com see ad on page 5



#### Waterford Consultants

P.O. Box 284 Waterford, VA 20197 Phone: (703) 782-0007 www.waterfordconsultants.com

Waterford Consultants delivers professional, high quality Non-Ionizing Radiation Studies or (NEPA/MPE) Studies, expert witness testimony / zoning support, Intermodulation, AM Detuning and general RF propagation and analysis consulting. Experience a new approach & professionalism in regulatory compliance from our experienced team of respected industry leaders.

see ad on page 77

### system integrators

#### E.J. Dort & Associates

14020 Cowart Rd. Milton, GA 30004 Phone: (770) 751-1194 www.ejdort.com

#### Volt Telecom Group

7720 East Belleview Ave. #325 Englewood, CO 80111 Phone: (303) 301-5292 www.volt-telecom.com

### testing a measurement

#### Anritsu Company

1155 East Collins Blvd., Ste. 100 Richardson, TX 75081 Phone: (408) 778-2000 www.us.anritsu.com

#### **Electro Rent Corporation**

6060 Sepulveda Boulevard Van Nuys, CA 91411-2512 Phone: (818) 787-2100 Fax: (818) 786-4354 www.electrorent.com

#### JM Test Systems

7323 Tom Drive Baton Rouge, LA 70471 Phone: (985) 373-1390 www.jmtest.com

#### Lyncole XIT Grounding

3547 Voyager Street, Ste. 204 Torrance, CA 90503 Phone: (310) 214-4000 Fax: (310) 214-1114 www.lyncole.com

#### Narda STS

435 Moreland Rd. Hauppauge, NY 11788 Phone: (631) 231-1700 Fax: (631) 231-1711 www.narda-sts.us

### Pendulum Instruments (incorporating XL Microwave)

5811 Racine Street
Oakland, CA 94609
Phone: (510) 428-9488
Fax: (510) 428-9469
www.pendulum-instruments.com
see ad on page 73

#### Penn-Tech International, Inc.

306 Westtown Rd. West Chester, PA 19382 Phone: (610) 692-4436 Fax: (610) 692-6760 www.ptii.net

The Penn-Tech Cable Tensionmeter measures cable tension while suspended on the cable line, innovating the way cable tensions are measured by eliminating the need to disturb the cable anchor points. Safe-Accurate-Easy-to-use-Affordable. Can measure any cable from 3/16" to 1 1/8" in diameter

#### **Quality Power Services, LLC**

P.O. Box 26189 Hoover, AL 35260 Phone: (205) 999-6618 Fax: (888) 202-0372 www.qpsllc.net

Custom Products/Specialized Services: Soil & Resistance Testing, Forensic Audits-Lightning Damage/Issues, NEC & Standards Compliance Inspections. Surge Protection: AC/DC Power, OBS Lighting, Telco. Grounding Materials: Chemical Rods, Enhancement Materials, LPS & Hardware.

#### T.I.M.E.

5130 E. Charleston Blvd. Ste. 517 Las Vegas, NV 89142 Phone: (702) 858-6452 Fax: (785) 628-8242 www.timeteam.us

#### Telewave, Inc.

660 Giguere Court San Jose, CA 95133 Phone: (408) 929-4400 Fax: (408) 929-4007 www.telewave.com see ad on page 5



#### Tessco Technologies

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com

As innovative wireless technologies transform the way the world lives, works & plays. Tessco is positioned as the vital link of this still-expanding industry, matching customer needs with the products, services & solutions when & where you need them most. When you need to build, maintain, run and/or use wireless voice, messaging, data, video, & tracking & location systems, Tessco will deliver for you. Visit www.tessco.com to take advantage of Tessco's world-class Web site.

see ad on pages 39, 49

### Titan Wireless Communications Consultants

41936 County Rd. 452 Leesburg, FL 34788 Phone: (954) 448-3372 Fax: (352) 669-5630 www.titanwcc.com

#### **UMTS Project Partners BV**

Kleiweg 24 Waalwijk, FL NL 5145 NB Phone: (954) 581-6565 Fax: (3141) 656-5005 www.spaa05.com see ad on page 57

#### United States Tower Services, Ltd.

5263 Agro Drive Frederick, MD 21703 Phone: (301) 874-5885 Fax: (301) 874-5887 www.ustowerservices.com

### tools & supplies



Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: (866) 9-BETTER Fax: (615) 535-0989



#### Elk River, Inc.

P.O. Box 1770 Cullman, AL 35056 Phone: (800) 633-3954 Fax: (256) 739-3105 www.elkriver.com see ad on page 59



GME Supply Company 13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 940-6762

Fax: (775) 490-1300 www.gmesupply.com

#### Midwest Unlimited, LLC

1000 Oak Street Lincoln, NE 68521 Phone: (402) 434-5446 Fax: (402) 434-5449 www.midwestunlimited.com



My-te Products, Inc. 9880 East 30th St. Indianapolis, IN 46229 Phone: (317) 897-9880 Fax: (317) 897-9811 www.myte.com

Manufacturer of Capstan Winch-Hoists with lifting capacity of 800 lbs. single-line, 1600 lbs. double-line; Models in 12 VDC, 115 VAC, Hydraulic, Pneumatic or Gasoline powered. Hitchmount, Swivel-mount, or Pole-mount accessories & Foot Switch Option also available.





# Identify and Prevent RF Interference

- Maximize Inbound Radio Coverage
- Resolve Interference Issues Before They Affect System Capacity
- Evaluate Non-Ionizing Radiation for MPE Compliance
- Assess Rebanding Comparable Facilities Interference Objectives

Sign up for a web seminar on "Solving RF Interference Issues" at WWW.rcc.com/csp



RCC Consultants, Inc.

100 Woodbridge Center Dr. Woodbridge, NJ 07095 800.247.4796 comsite@rce.com

www.rcc.com

January 2008 **69** 



#### Novatec Braids, Ltd.

234 Water Street Yarmouth, NS B5A 4P8 Phone: (800) 565-4212 Fax: (902) 742-1832 www.novabraid.com

#### **Pelican Rope Works**

4001 W Carriage Drive Santa Ana, CA 92704 Phone: (800) 464-7673 Fax: (714) 545-7673 www.pelicanrope.com

A 25 year old ISO9000-2001 Certified manufacturer of high performance climbing & lifting ropes & safety lanyards. See us at www.pelicanrope.com. Specialzing in double-braid, 12strand & kernmantle ropes with Kevlar, Spectra & Nylon fibers.

#### **RF** Industries

7610 Miramar Road San Diego, CA 92126 Phone: (858) 549-6340 Fax: (858) 549-6345 www.rfindustries.com

#### RSM, LLC

8050 N. Granville Woods Rd. Milwaukee, WI 53223 Phone: (414) 354-1020 Fax: (414) 354-1021 www.connectitwireless.net

#### SLSB, LLC dba St. Louis Screw & Bolt

2000 Access Blvd. Madison, IL 62060 Phone: (314) 389-7500 Fax: (314) 389-7510 www.stlouisscrewbolt.com

#### Tennessee Equipment Supply, Inc.

921 Olive Road Knoxville, TN 37934 Phone: (800) 327-4036 Fax: (865) 966-0042 www.towergear.com

#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ad on pages 39, 49

#### **Vellox Coatings**

P.O. Box 5637 Salisbury, MA 01952 Phone: (978) 462-1355 www.vellox.com

# pendulum

#### Incorporating XL Microwave

#### XL Microwave, Inc.

5811 Racine St. Oakland, CA 94609 Phone: (510) 428-9488 www.pedulum-instruments.com Fax: Phone: (510) 428-9469 see ad on page 73

### lower cameras & accessories

#### Apogee Industries, Inc.

P.O. Box 323 McHenry, IL 60051 Phone: (815) 344-4808 Fax: (815) 363-6056

#### Hark Tower Systems, Inc.

3507 Iron Horse Drive, Bldg 200 Ladson, SC 29456 Phone: (843) 285-7200

#### **Pendulum Instruments** (incorporating XL Microwave)

5811 Racine Street Oakland, CA 94609 Phone: (510) 428-9488 Fax: (510) 428-9469 www.pedulum-instruments.com see ad on page 73



#### Mission Critical Control Systems

#### Sentor Remote Wireless **Monitoring Systems**

221 W Lancaster Ave. - Unit 9012 Fort Worth, TX 76102 Phone: (817) 386-9748 Fax: (817) 288-0521 www.sentor.com

Sentor Remote Wireless Controls and Monitoring Service - Manages ALL Tower Functions and Alarms 24/7 such as Tower Lights, Security, Access Controls, HVAC, Generators. Batteries & even Transmitter/Antenna VSWR, Remotely view /record sites live with our Video over the Internet.

### tower erectors

#### Hi-Tech Towers, Inc.

P.O. Box 305 Gibson City, IL 60936 Phone: (217) 784-5212 Fax: (217) 784-5899 www.hi-techtowers.com

#### Allcomm Wireless, Inc.

4116 First Ave. North Birmingham, AL 35222 Phone: (205) 591-8804 www.allcomm.com



#### Allstate Tower, Inc.

P.O. Box 25 Henderson, KY 42419 Phone: (270) 830-8512 Fax: (270) 830-8475 www.allstatetower.com

Allstate Tower, Inc, is a full service tower manufacturer, maintenance provider and repair company operating in the United States and Internationally. Our company manufactures solid rod self-supporting and guyed towers for the Broadcast, Cable, Utility, Telecommunications, and Agricultural industries.

see ad on page 71

#### **Bell Tower Corporation**

6037 S. Industrial Road Chelsea, OK 74016 Phone: (918) 789-9020 Fax: (918) 789-2299 www.belltowercorp.com

#### Capital Tower & Communications, Inc.

13330 Amberly Rd. / P.O. Box 273 Waverly, NE 68462 Phone: (800) 767-5435 Fax: (402) 786-3339 www.capitaltower.com



#### CellXion, LLC

5031 Hazel Jones Rd. Bossier City, LA 71111 Phone: (318) 213-2900 Fax: (318) 213-2919 www.cellxion.com

#### Cornerstone Tower Service, Inc.

P.O. Box 5222 Grand Island, NE 68802 Phone: (308) 384-2007 www.cornerstonetower.com

#### **Day Wireless Systems**

4700 SE International Way Milwaukie, OR 97222 Phone: (503) 659-1240 Fax: (503) 794-3774

#### **Diamond Tower**

23603 70th Ave. St. Cloud, MN 56301 Phone: (320) 761-2927 Fax: (320) 251-4104

#### Dietz Brothers, Inc.

12185 51st. Street NE Spicer, MN 56288 Phone: (320) 796-2281 Fax: (320) 796-2290 www.dietzbros.nct

#### Digital Tower Services, Inc.

2102 Country Club Road Troutville, VA 24175 Phone: (540) 966-5645 Fax: (540) 966-5647

#### **Duall Corp**

952 Spirit Knoll Ct. Norco, CA 92860 Phone: (951) 587-5875 Fax: (951) 520-9369

#### Galvanized Endeavors, LLC

113 Latigo Lane, Ste. D-PMB 183 Canon City, CO 81212 Phone: (303) 358-3772 Fax: (719) 275-6385 www.galvanizedendeavors.com

#### Helicranes, Inc.

3809 Ridgemont Ct Bellingham, WA 98229 Phone: (360) 201-4512 Fax: (360) 935-4849

#### Hi-Tech Towers, Inc.

P. O. Box 305 Gibson City, 1L 60936 Phone: (217) 784-5212 Fax: (217) 784-5899 www.hi-techtowers.com

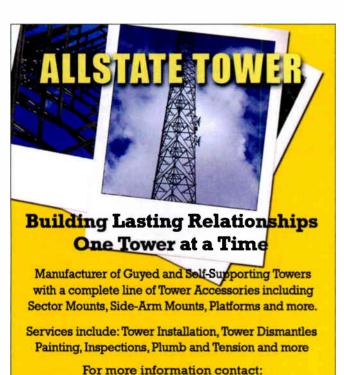
#### Hydradyne Hydraulics, LLC

P.O. Box 760
Harvey, LA 70058
Phone: (800) 421-3583
Fax: (504) 227-0852
www.hydra-dyne.com
Custom Tower Maintenance Hoists. Personnel
lift rated, single to 5 drum

#### JT Tower Service, Inc.

P.O. Box 50

Clarksville, MI 48815 Phone: (616) 693-3506 Fax: (616) 693-2440



Josh Bridgeman P.O. Box 25

(270) 830-8512

Henderson, KY 42419

www.allstatetower.com

fax (270) 830-8475



#### **KCl** Wireless Services

1301 Briggs Ave., Ste. 100 Hillsborough, NC 27278 Phone: (919) 957-9620 Fax: (919) 957-9640 www.kci.com

#### **LOMA Communications Specialists**

P.O. Box 488 Frankfort, IL 60423 Phone: (815) 806-9616

#### Mikab Corporation

P.O. Box 36 Dumont, NJ 07628 Phone: (201) 387-7700 Fax: (201) 385-0424 www.mikabcorp.com

#### **National Association of Tower Erectors**

8 Second Street SE Watertown, SD 57201

Phone: (888) 882-5865/(605) 882-5865

Fax: (605) 886-5184 www.natchome.com

Dedicated to providing a unified voice for tower erection, service and maintenance companies. Recognized as the leader in safety and education for the tower construction industry.

see ad on page 25

#### Norman Tower Service, Inc.

2780 S. Twin Bridge Rd. Decatur, IL 62521 Phone: (217) 864-9011 Fax: (217) 864-6434

#### **Norris Tower Services**

3279 Trade Center Drive Riverside, CA 92507 Phone: (951) 684-2255 Fax: (951) 684-2225

#### Northern Tower Erection Co.

5256 Cedar Run Road Traverse City, MI 49684 Phone: (231) 947-6048 Fax: (231) 947-7703

#### **Ohio Construction Services**

6440 Norwalk Rd. St. #K Medina, OH 44256 Phone: (330) 723-9990 Fax: (330) 723-9997

#### **Outrigger Contractor**

6610 East 11th Ave. Spokane, WA 99212 Phone: (509) 939-2465 www.outriggercontractor.com

#### PennSummit Tubular

225 Kiwanis BLVD West Hazelton, PA 18202 Phone: (570) 454-8730 www.pennsummit.com

#### Quality Tower Services, Ltd.

1630 Elmview Dr. Houston, TX 77080 Phone: (713) 722-9119 Fax: (713) 722-8744 www.qualitytowerservices.com



#### S and S Communication Specialists, Inc.

418 W. Main Street Hulbert, OK 74441 Phone: (918) 772-3702 Fax: (918) 772-1933

www.sandscommunication.com

Complete tower services including roof-tops, billboards, water tanks, guyed and supported towers, monopoles, maintenance, inspections, cellular and microwave installation, complete site construction including civil, electrical, grounding, fencing and tower installation, tower mapping, extensions and reinforcements.

#### Sector Technology Corp.

P.O. Box 167 Goodfield, IL 61742 Phone: (309) 256-2419 Fax: (309) 965-2320

#### Sioux Falls Tower and Communications

2224 E. 39th Street N Sioux Falls, SD 57104 Phone: (605) 331-6972 Fax: (605) 332-7833 www.siouxfallstower.com

#### Sollenberger Silos, LLC

5778 Sunset Pike Chambersburg, PA 17202 Phone: (717) 816-4592 Fax: (717) 709-9990 www.sollenbergersilos.com

#### Specialty Drilling, Ltd.

1630 Elmview Drive Houston, TX 77080 Phone: (713) 722-8290 Fax: (713) 722-8744 www.specialtydrilling.com



#### Specialty Tower Lighting, Ltd.

1630 Elmview Dr Houston, TX 77080 Phone: (713) 722-8123 Fax: (713) 722-8744

www.specialtytowerlighting.com

Specialty Tower Lighting, Ltd. offers a diverse line of high-quality obstruction lighting products, such as medium intensity strobes, red code beacons, single & double obstruction lights, & dual red & white systems. Our quality assurance policy insures that each system is tested before leaving the factory & all equipment carries a two-year warranty. Custom systems can be designed & manufactured at competitive prices. Visit us on line at www.specialtytowerlighting.com

see ad on page 79

#### Structural Systems Technology, Inc.

6867 Elm St., Ste. 200 McLean, VA 22101 Phone: (800) 997-6555 Fax: (703) 448-0979 www.sst-towers.com

Engineering & contracting services. Over 30 years experience, specializing in tall tower design, fabrication, erection & turnkey construction. Structural analysis, inspections, modification & maintenance of existing towers. DTV antenna installations & change outs.

### Tower Awards & Creative Sculptures, LLC 6209 E. Tecumseh St.

Tulsa, OK 74115 Phone: (918) 832-9930 Fax: (918) 398-0814

#### **Tower Innovations**

2855 Highway 261 Newburgh, IN 47630 Phone: (800) 664-8222 Fax: (812) 853-6652 www.towerinnovations.net see ad on page 41

#### Tower Systems, Inc.

P.O. Box 1474 Watertown, SD 57201 Phone: (605) 886-0930 Fax: (605) 886-0932 www.towersystems.com

**12** above ground level www.agl-mag.com

#### TowerMRL, Inc.

4450 Robertson Road Madison, WI 53714 Phone: (608) 244-1855 Fax: (608) 244-3427 www.towermrl.com



# United States Tower Services, Ltd.

5263 Agro Drive Frederick, MD 21703 Phone: (301) 874-5885 Fax: (301) 874-5887 www.ustowerservices.com

Towers, antenna, lines and lighting system installation and service. Construction, restructuring and removals. Turnkey sites. Inspections and alignments. Broadcast antennas a specialty. All size structures. Maintenance, repair and service contracts.

#### **Western Towers**

320 W. 26th St. San Angelo, TX 76903 Phone: (325) 658-6539 Fax: (325) 655-1185 www.westerntowers.com



#### WesTower Communications, Inc.

4834 South 40th Street Phoenix, AZ 85022 Phone: (602) 393-3037 Fax: (602) 393-3097 www.westower.com

WesTower was founded in 1989 and is the largest G.C. in the North American with 18 offices in the US and 9 offices in Canada. WesTower provides, site design, engineering, project management, turnkey, construction and maintenance services throughout U.S. Canada."

# tower lights

#### **Breakthrough Communications**

3620 Byers Ave. Fort Worth, TX 76107 Phone: (817) 732-7791 Fax: (817) 731-8335 www.pagetexas.com

#### Carmanah Technologies Corp.

Building 4, 203 Harbour Road Victoria, BC V9A 3S2 Phone: (250) 412-8368 www.obstructionlights.com

#### **Dialight Corporation**

1501 Route 34 South Farmingdale, NJ 07727 Phone: (732) 919-3119 Fax: (732) 751-5778 www.dialight.com

#### **Diamond Tower**

23603 70th Ave. St. Cloud, MN 56301 Phone: (320) 761-2927 Fax: (320) 251-4104

#### DigiComm Communications, LLC

P.O. Box 321 Pleasant Hill, MO 64080 Phone: (816) 564-8462 Fax: (816) 222-0393 www.telecompro.us



#### Flash Technology

332 Nichol Mill Lane Franklin, TN 37067 Phone: (615) 503-2000 Fax: (615) 261-2600 www.flashtechnology.com see ad on page 33

#### Hill Radio Communications

2503 General Electric Road Bloomington, IL 61704 Phone: (309) 663-2141 Fax: (309) 662-4796 www.hillradio.net

#### **Honeywell Obstruction Lighting**

550 State RT 55 Urbana, OH 43078 Phone: (937) 484-2056 Fax: (937) 484-2008 www.oblighting.com

#### ITL, LLC

P.O. Box 41875 Nashville, TN 37204 Phone: (615) 256-6030 Fax: (615) 256-6032 www.itl-llc.com see ad on page 75

#### Lights by H & H Industries, Inc.

110 W. Main St/ P.O. Box 735 Elmwood, IL 61529 Phone: (800) 637-3853 Fax: (888) 544-4882 www.lightsbyhh.com

#### Skytec, Inc.

23 Inland Farm Dr. Windham, ME 04062 Phone: (207) 893-1700 Fax: (207) 893-1717



#### Specialty Tower Lighting, Ltd.

1630 Elmview Dr
Houston, TX 77080
Phone: (713) 722-8123
Fax: (713) 722-8744
www.specialtytowerlighting.com
Specialty Tower Lighting, Ltd. offers a diverse line of high-quality obstruction lighting

# Path Align-R™

Models 2200, 2201 2240, 2241

#### Antenna Path-Alignment made simple

The Path Align-R™ is a high performance, affordable and complete test solution designed to quickly and accurately optimize the transmission path between microwave antenna sites...all in a matter of minutes!



Each Path Align R™ (set of two) contains 4 bands (to 23.5 GHz) and is both a synthesized source, that directly drives the site's antennas, and a narrow-band receiver. The instruments provide continuous 2-way voice communication between antennas!

Models 2201/2241 contain an internal data logger, with GPS receiver, which records frequency, path-loss in dB, and GPS position/date/time from a single button push. The Path Align-R™ is battery powered (4–5 hrs

operation / 3 hrs recharge), and weighs 7 lbs, including the Instrument Back-pack.

#### Pendulum Instruments, Inc.

(Incorporating XI. Microwave)
510-428-9488 sales@pendulum-instruments.com

products, such as medium intensity strobes, red code beacons, single & double obstruction lights, & dual red & white systems. Our quality assurance policy insures that each system is tested before leaving the factory & all equipment carries a two-year warranty. Custom systems can be designed & manufactured at competitive prices. Visit us on line at www. specialtytowerlighting.com

see ad on page 79

#### T.I.M.E.

5130 E. Charleston Blvd. Ste. 517 Las Vegas, NV 89142 Phone: (702) 858-6452 Fax: (785) 628-8242 www.timeteam.us

#### TWR Lighting, Inc.

4300 Windfern Road, Ste. 100 Houston, TX 77041 Phone: (713) 973-6905 Fax: (713) 973-9352 www.twrlighting.com

#### Unimar, Inc.

P.O. Box 220 Clay, NY 13041 Phone: (800) 739-9169 Fax: (315) 699-3700 www.unimar.com

#### United States Tower Services, Ltd.

5263 Agro Drive Frederick, MD 21703 Phone: (301) 874-5885 Fax: (301) 874-5887 www.ustowerservices.com

#### **WSI Lighting**

4850 Nome St Denver, CO 80239 Phone: (800) 783-1450



1600 West 6th Street Mishawaka, IN 46544-1624

#### Xcel Controls, Inc.

1600 West 6th St. Mishawaka, IN 46544-1639 Phone: (574) 259-7804 Fax: (574) 259-5769 www.xcel.com

#### **Xenon Corporation**

37 Upton Drive Wilmington, MA 01887-1018 Phone: (978) 661-9033 www.xenoncorp.com

## tower manufacturers



#### Allstate Tower, Inc.

P.O. Box 25 Henderson, KY 42419 Phone: (270) 830-8512 Fax: (270) 830-8475 www.allstatetower.com

Allstate Tower, Inc., is a full service tower manufacturer, maintenance provider and repair company operating in the United States and Internationally. Our company manufactures solid rod self-supporting and guyed towers for the Broadcast, Cable, Utility, Telecommunications, and Agricultural industries.

see ad on page 71

#### **Antenna Products**

101 SE 25th Ave. Mineral Wells, TX 76067 Phone: (940) 325-3301 Fax: (940) 325-0716 www.antennaproducts.com

#### **Bell Tower Corporation**

6037 S. Industrial Road Chelsea, OK 74016 Phone: (918) 789-9020 Fax: (918) 789-2299 www.belltowercorp.com

#### CDM

969 Griffin Pond Road Clarks Summit, PA 18411 Phone: (570) 587-3077 Fax: (570) 587-3075 www.cdmiwireless.com see ad on page 61



#### CellXion, LLC

5031 Hazel Jones Rd. Bossier City, LA 71111 Phone: (318) 213-2900 Fax: (318) 213-2919 www.cellxion.com



#### Ehresmann Engineering, Inc.

4400 West 31st St. Yankton, SD 57078 Phone: (605) 665-7532 Fax: (605) 665-9780

www.ehresmannengineering.com

Manufacturer of towers (guyed, self-supporting, monopoles) and equipment shelters. Engineering consulting, specializing in communication towers. Structural analysis of existing towers. Fabricator of specially designed appurtenances (stabilizers, antenna mounts, platforms, etc.) for any make/model of tower.

#### Electronics Research, Inc. (ERI)

7777 Gardner Road Chandler, IN 47610 Phone: (812) ERI-LINE Fax: (812) 925-4030 www.eriinc.com



#### Engineered Endeavors, Inc.

7610 Jenther Dr. Mentor, OH 44060 Phone: (440) 918-1101 Fax: (440) 918-1108 www.engend.com



#### GLENMARTIN

#### GlenMartin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com

GlenMartin, Inc. manufactures self-supporting towers, monopoles and accessories. We see things from your perspective! GlenMartin strives to provide competitively priced products when and where you need them. Complete engineering and construction services are also available."

see ad on page 11

#### McIntire

745 Clark Ave. Bristol, CT 06795 Phone: (800) 437-9247 www.mcintireco.com

#### **Nello Corporation**

211 W. Washington Street, Ste. 2000 South Bend, IN 46601

Phone: (800) 80-NELLO Fax: (574) 288-5860 www.nelloinc.com see ad on page 79

#### Penn-Tech International, Inc.

306 Westtown rd. West Chester, PA 19382 Phone: (610) 692-4436 Fax: (610) 692-6760 www.ptii.net



# Rohn Products, Div. of Radian Communication Services, Inc.

6718 W. Plank Road Peoria, IL 61604 Phone: (309) 633-2692 Fax: (309) 633-2693 www.radiancorp.com

Product line consists of solid, tubular, and angle

towers, monopoles, antenna mounts, platforms, frames, and tower upgrade material. Rohn Products are available on GSA Federal Supply Schedule 056 under SIN 412-99. Turnkey construction services are available.



#### Sabre Towers and Poles

2101 Murray Street Sioux City, IA 51111 Phone: (800) 369-6690 Fax: (712) 279-0814

www.sabretowersandpoles.com

Sabre Towers and Poles is a leading manufacturer of guyed towers, self-supporting towers, and monopoles. We also offer a wide selection of concealment products including replica tree poles, decorative light poles, and flagpoles. Sabre services include tower analysis, tower inspection, turnkey installation, and tower modifications. Sabre is committed to providing quality products, outstanding customer service, and competitive pricing.

see ad on page 19

#### Spectre Air and Ground Freight, Inc.

2330 Via Del Robles Fallbrook, CA 92028 Phone: (800) 867-5580 www.spectreair.com

# Stainless, LLC/Doty Moore Tower Services, LLC

1140 Welsh Road, Ste. 250 North Wales, PA 19454 Phone: (215) 631-1400 Fax: (215) 631-1425 www.stainlessllc.com



#### Structural Systems Technology, Inc.

6867 Elm St., Ste. 200 McLean, VA 22101 Phone: (800) 997-6555 Fax: (703) 448-0979 www.sst-towers.com

Engineering & contracting services. Over 30 years experience, specializing in tall tower design, fabrication, erection & turnkey con-





struction. Structural analysis, inspections, modification & maintenance of existing towers. DTV antenna installations & change outs.

#### Swager Communications, Inc.

P.O. Box 656 -- 501 East Swager Drive

Fremont, IN 46737 Phone: (260) 495-2515 Fax: (260) 495-4205 www.swager.com



#### **Tower Innovations**

2855 Highway 261 Newburgh, IN 47630 Phone: (800) 664-8222 Fax: (812) 853-6652 www.towerinnovations.net

The offers innovative engineering solutions and a versatile product line. Whether you are in the market for a 75-foot self supporting tower or a premier 2.000-foot candelabra for high-power broadcasting applications. The solution.

see ad on page 41

#### Trylon TSF, Inc.

21 South Field Drive Elmira, ON N3B 2Z6 Phone: (519) 669-5421 Fax: (519) 669-8912 www.trylon.com

Trylon TSF manufactures a full line of Self-Support, Guyed Towers and Monopoles for the Telecommunications and Broadcast Markets. We offer full turnkey services, from site acquisition, design, construction, antenna and cable supply, to the test and installation of Cellular. Together with our clients, we are building the global communications infrastructure. Please visit us at www.trylon.com

#### **US Tower Corporation**

1099 W. Ropes Ave. Woodlake, CA 93286 Phone: (559) 564-6000 Fax: (559)564-6011 www.ustower.com



STRUCTURES

#### Valmont Structures

1545 Pidco Dr. Plymouth, 1N 46563 Phone: (574) 936-4221 Fax: (574) 936-8925 www.valmont.com

Valmont Structures is an industry leading supplier of self-supporting & guyed towers, monopoles, & site hardware. We manufacture the highest quality towers in the industry. We offer a wide variety of towers made from solid rod construction and from tubular designs. With tower types ranging from standard light duty products for use in Wi-Fi broadband applications to custom designs for heavy duty microwave applications, we've got your needs covered.

see ad on page 53

#### Western Towers

320 W. 26th St. San Angelo, TX 76903 Phone: (325) 658-6539 Fax: (325) 655-1185 www.westerntowers.com

#### tower parts & accessories

#### **ALT Fabrication**

122 Leesley Lane Argyle, TX 76226 Phone: (800) 950-7960 Fax: (940) 455-2817 www.altfabrication.com

#### Austin Insulators, Inc.

7510 Airport Road Mississauga, ON L4T 2H5 Phone: (905) 405-1144 Fax: (905) 405-1150 www.austin-insulators.com

Austin designs, manufactures new and replacement Base, Guy, Bushing Insulators and Lighting Transformers for MF, LF and VLF antennas. For more than 50 years Austin's products have supported the radiators of national, international broadcasters plus specialized communications and navigation broadcasters"



#### Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: (866) 9-BETTER Fax: (615) 535-0989 www.bettermetal.com

Better Metal is a leading manufacturer of wireless industry products. Centrally located near Nashville, TN, Better Metal is poised & ready to service your needs. Whether you require Antenna Mounts, Brackets & Clamps, Cable Ladder, Ice Bridge, Cable Tray, Grounding Products, Weatherproofing, Hardware, Platforms or Coax Accessories, our flatbed trucks, vast inventory & eager-to-please staff are awaiting your call.

#### Connect-It Wireless, Inc.

406 Commerce Way Jupiter, FL 33458 Phone: (866) 781-1300 Fax: (561) 743-9618 www.connectitwireless.net

#### **Corning Cable Systems**

800 17th Street NW Hickory, NC 28601 Phone: (931) 486-0323



#### GLENMARTIN

#### GlenMartin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com see ad on page 11

#### Hill Radio Communications

2503 General Electric Road Bloomington, IL 61704 Phone: (309) 663-2141 Fax: (309) 662-4796 www.hillradio.net



# IS YOUR TOWER COMPLIANT?

New rules are coming....

A coalition of broadcasters, engineers and OEMs filed a Request for Further Rule Making to unsnarl the FCC's AM detuning rules. The Commission released the Request for comments, which have been received. Indications are that the rules changes and additions in the Request will be adopted, wholly or in part. These changes should facilitate AM detuning compliance and improve relations among broadcasters and tower owners and their tenants.

To learn more, go to www.waterfordconsultants.com and read the articles about the proposed rule changes and the impact these changes may have on you.

Free online screening – Easy to use – Immediate results – NIER/MPE Studies – Experienced Engineers – Industry Leaders

WATERFORD CONSULTANTS

Call Ian Maxwell today: (703) 782-0007

#### tower parts & accessories - tower space rental

#### Nott, Ltd.

4001 La Plata Hwy Farmington, NM 87401 Phone: (505) 327-5646 Fax: (505) 325-1142 www.nottltd.com

#### Novatec Braids, Ltd.

234 Water Street Yarmouth, NS B5A 4P8 Phone: (800) 565-4212 Fax: (902) 742-1832 www.novabraid.com

#### Rohn Products, Div. of Radian Communication Services, Inc.

6718 W. Plank Road Peoria, IL 61604 Phone: (309) 633-2692 Fax: (309) 633-2693 www.radiancorp.com



#### Sabre Site Solutions

2301 Bridgeport Drive Sioux City, IA 51111 Phone: (866) 428-6937 Fax: (712) 293-1964 www.sabresitesolutions.com

Sabre Site Solutions is your reliable source for tower parts and accessories. Offering everything from components to pre-engineered lightweight towers, we provide quality products, excellent customer service and prompt delivery. Our Supplemental Components Catalog offers our latest designs and most popular items. Designed with the contractor in mind, Sabre Site Solutions' components are built for ease of installation and shipping.

see ad on page 19



#### Site Pro 1, Inc.

15 Oser Ave. Hauppauge, NY 11788 Phone: (888) GET-PRO1 Fax: (631) 231-7682 www.siteprol.com

Site Pro 1 is widely recognized as the industry's leading manufacturer & distributor of wireless site components. Site Pro 1 is known for having the highest quality products available. From Coax Cable Accessories, Grounding Products, Ice Bridge Kits to Antenna Mounts, Site Pro 1

can DELIVER your site kit on time from any one of our Distribution Centers: New York, Atlanta or Los Angeles.

#### SLSB, LLC dba St. Louis Screw & Bolt

2000 Access Blvd. Madison, IL 62060 Phone: (314) 389-7500 Fax: (314) 389-7510 www.stlouisscrewbolt.com

St. Louis Screw & Bolt is a domestic manufacturer of structural bolts for steel construction, including towers of all kinds. SLSB manufactures to ASTM A325 & A490 standards in plain, hot dip or mechanical galvanized finishes in our 120,000 sq ft plant & A2LA approved lab.

#### Structural Components

1617A Pearl Street Boulder, CO 80302 Phone: (866) 386-7622 Fax: (720) 489-3764

www.structuralcomponents.net

Taking towers beyond their limits requires creativity, complex engineering, finite element analysis, and ideally full scale structural testing. Structural Components has all of the above, offering for the first time pre-engineered reinforcements for every tower & pole.

#### Swager Communications, Inc.

P.O. Box 656 -- 501 East Swager Drive Fremont, IN 46737 Phone: (260) 495-2515 Fax: (260) 495-4205 www.swager.com

# **COMMUNICATIONS**

#### Talley Communications Corp.

12976 Sandoval St. Santa Fe Springs, CA 90670 Phone: (800) 949-7079 Fax: (562) 906-8080 www.talleycom.com

Talley Communications, Corp. is a leading distributor of wireless communications infrastructure and mobile products. Talley has served the market for 24 years and stocks more than 200 top manufacturers in the wireless communications industry. Based in Los Angeles, Talley offers five distribution centers nationwide and can provide two-day ground shipping to the majority of the United States and stocks more than 200 top manufacturers in the wireless communications industry. Based in Los Angeles, Talley offers five distribution centers nationwide and can provide two-day ground shipping to the majority of the United States.

see ad on page 23

#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ad on pages 39, 49



#### **Tower Innovations**

2855 Highway 261 Newburgh, IN 47630 Phone: (800) 664-8222 Fax: (812) 853-6652 www.towerinnovations.net

TI offers innovative engineering solutions and a versatile product line. Whether you are in the market for a 75-foot self supporting tower or a premier 2,000-foot candelabra for high-power broadcasting applications, TI has the solution.

see ad on page 41

#### Trylon TSF, Inc.

21 South Field Drive Elmira, ON N3B 2Z6 Phone: (519) 669-5421 Fax: (519) 669-8912 www.trylon.com



#### Valmont Structures

1545 Pidco Dr. Plymouth, IN 46563 Phone: (574) 936-4221 Fax: (574) 936-8925 www.valmont.com

Valmont Structures is an industry leading supplier of self-supporting & guyed towers, monopoles, & site hardware. We manufacture the highest quality towers in the industry. We offer a wide variety of towers made from solid rod construction and from tubular designs. With tower types ranging from standard light duty products for use in Wi-Fi/broadband applications to custom designs for heavy duty microwave applications, we've got your needs covered.

see ad on page 53

#### Wanho Mfg., LLC

137 Mattatuck Heights Waterbury, CT 06705 Phone: (203) 759-3744 Fax: (203) 759-3748 www.wanho.com

#### **WSI Lighting**

4850 Nome St Denver, CO 80239 Phone: (800) 783-1450 www.wsilighting.com

#### **Xcel Controls, Inc.**

1600 West 6th St. Mishawaka, IN 46544-1639 Phone: (574) 259-7804 Fax: (574) 259-5769 www.xcel.com

# tower reinforcement



#### Better Metal, LLC

126 Wheeler Street La Vergne, TN 37086 Phone: (866) 9-BETTER Fax: (615) 535-0989 www.bettermetal.com

#### Kee Safety, Inc.

100 Stradtman Street Buffalo, NY 14206 Phone: (800) 851-5181 Fax: (716) 896-5696 www.keesafety.com

#### Mikab Corporation

P.O. Box 36 Dumont, NJ 07628 Phone: (201) 387-7700 Fax: (201) 385-0424 www.mikabcorp.com

#### **Structural Components**

1617A Pearl Street Boulder, CO 80302 Phone: (866) 386-7622 Fax: (720) 489-3764

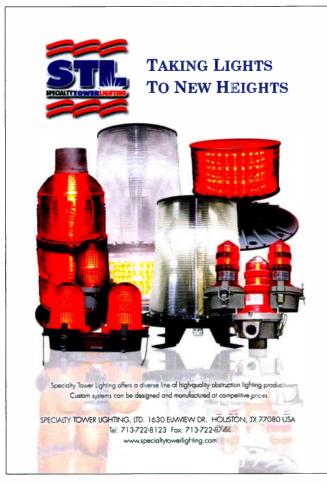
www.structural components.net

Taking towers beyond their limits requires creativity, complex engineering, finite element analysis, and ideally full scale structural testing. Structural Components has all of the above, offering for the first time pre-engineered reinforcements for every tower & pole.

#### tower space rental

#### Antenna Structure Leasing, LLC

17641 South Haas Rd. Mokena, IL 60448 Phone: (815) 485-7367 www.midamericatowers.com





#### **Bay Communications, LLC**

16 E. Washington, Ste. 207 N. Attleborough, MA 02760 Phone: (508) 695-0091 Fax: (508) 695-0092

www.baycommunicationsllc.com

#### **Breakthrough Communications**

3620 Byers Ave. Fort Worth, TX 76107 Phone: (817) 732-7791 Fax: (817) 731-8335 www.pagetexas.com

#### **CBSL**

5210 S. Saginaw Flint, MI 48507 Phone: (810) 694-4146 www.cbslradio.com Space available – Michigan, Ohio, New York and Kentucky. Call 810 694-4146.



#### Communication Enhancement, LLC

479 Centennial Blvd. Voorhees, NJ 08043 Phone: (856) 782-3700 Fax: (856) 782-3701 www.ce-llc.com

Communication Enhancement, LLC is one of the largest privately owned tower companies. We currently own and operate over 140 towers nationwide that are available for collocation.



#### ComSites West, LLC

725 Main St., Ste. 228 Woodland, CA 95695 Phone: (888) 960-8300 Fax: (530) 662-6331 www.comsiteswest.com

We operate a select group of NoCA tower and rooftop sites. We acquire, develop, and operate wireless communications sites. Please call for collocation; to sell, develop or co-develop a tower site in No CA or No NV.

#### **Day Wireless Systems**

4700 SE International Way Milwaukie, OR 97222 Phone: (503) 659-1240 Fax: (503) 794-3774 www.daywireless.com

#### ForeSite, LLC

22 Inverness Center Parkway, Ste. 500 Birmingham, AL 35242 Phone: (205) 437-3200 Fax: (205) 437-3222 www.foresitetowers.com

#### **Global Tower Partners**

1801 Clint Moore Road, Ste. 1801 Boca Raton, FL 33487 Phone: (561) 995-0320 Fax: (561) 995-0321 www.gtpsite.com

#### Gold Coast Communications, LLC

11 Nadine Boulevard Ocean View (Atlantic City), NJ 08223 Phone: (609) 638-5680

#### Heartland Tower, Inc.

Fax: (732) 294-5930

P.O. Box 5307 Topeka, KS 66605-0307 Phone: (785) 266-3999 www.heartlandtower.com



#### **Horvath Communications**

401 E. Colfax Ave., Ste. 101 South Bend, IN 46617 Phone: (574) 237-0464 Fax: (574) 237-0484

www.horvathcommunications.com

Horvath has a proven track record of providing top quality facilities and highly responsive customer service to our tenants. We pride ourselves on our quick turnaround time - one of the best in the industry! Call us today to find out more 1-877-HCI-TOWERS

#### J. M. Stitt & Associates, Inc.

621 E. Mehring Way 31907 Cincinnati, OH 45202 Phone: (513) 621-9292 Fax: (513) 651-9622 www.jmstittassociates.com

#### JM Test Systems

7323 Tom Drive Baton Rouge, LA 70471 Phone: (985) 373-1390 www.jmtest.com

#### John J. Davis & Associates

P.O. Box 128 Sierra Madre, CA 91025 Phone: (626) 355-6909 www.socaltowers.com

#### KGI Wireless

6200 Bridgepoint Parkway Building Four,

Ste. 520

Austin, TX 78730 Phone: (512) 345-9595 Fax: (512) 345-9898 www.kgiwireless.com

KGI markets and licenses over one billion dollars worth of land, building and tower assets for ALLTEL Corporation, Charter Communications, Mediacom Communications, the National Cable Television Cooperative and Time Warner Cable. With more than 7,000 sites covering 80% of the major wireless markets in 2,600 cities and 48 states, KGI is one of the fastest-growing wireless site marketing companies in North America.

#### **Lakeland Tower Leasing**

5280 Cedar Run Road Traverse City, M1 49684 Phone: (231) 947-6048 Fax: (231) 947-7703

#### Mauna Towers, LLC

87 Jasper Lake Road Loveland, CO 80537 Phone: (970) 669-9200 Fax: (970) 669-0800



#### **Message Center Management**

Keep Your Sites On Us

#### MCM, Inc.

40 Woodland Street Hartford, CT 06105 Phone: (888) 973-7483 Fax: (860) 727-5762 www.mcmgmt.com

MCM, Inc. is a wireless tower owner and rooftop site development company offering wireless telecommunication project management services throughout the country.

see ad on page 75

#### MidAmerica Towers, Inc.

17641 South Haas Rd. Mokena, IL 60448 Phone: (815) 485-7367 www.midamericatowers.com

#### **Mobile Relay Associates**

15330 Vermont Ave. Paramount, CA 90723 Phone: (323) 636-5202



#### Network Partners, LLC

651 East 4th Street - Ste. 155 Chattanooga, TN 37403 Phone: (423) 400-7170 www.networkpartners.net

Network Partners is a tower company serving the southeast. Excell Communications expanded its offerings to include tower ownership recognizing that sites are the critical component of deployment. Together, Excell and Network Partners can now meet ALL of your wireless needs.

#### Ohio Valley 2-Way Radio, Inc.

2035 East Parrish Ave. Owensboro, KY 42303 Phone: (270) 683-4963 Fax: (270) 683-5170 www.ovradio.com

#### **Pegasus Tower Company**

P.O. Box 233 Richlands, VA 24641 Phone: (276) 964-7416 Fax: (276) 963-2587 www.pegasustower.com

#### Performance Development Group

P.O. Box 906 Watertown, SD 57201 Phone: (605) 886-2605 Fax: (605) 882-4367

www.performancedevgroup.com

#### **RJR** Wireless

23501 Park Sorrento, Ste. 218 Calabasas, CA 91302-1381 Phone: (818) 222-7483 Fax: (818) 222-7487

RJR Wireless provides (since 1998) consulting and special project services for antenna site managers, owners, and users. Contact Rich Reichler at RJRWireles@aol.com. Member of PCIA, EWA, and The Radio Club of America.

#### Selective Site Consultants, Inc.

8500 W. 110th St., Ste. 300 Overland Park, KS 66210 Phone: (913) 438-7700 Fax: (913) 438-7777 www.selcetivesite.com

#### Shared Towers, LLC

1390 Chain Bridge Rd #40 McLean, VA 22101 Phone: (703) 893-0806 www.sharedtowers.com

#### SRP Telecom

P.O. Box 52025 Phoenix, AZ 85072 Phone: (602) 236-8777 www.srpnet.com

#### **Sunset Properties**

3301 S. Radar Road, Building #11 Sault Ste. Marie, M1 49783 Phone: (906) 440-3348



#### **Tower Economics**

700 Rt. 130 North
Cinnaminson, NJ 08077
Phone: (856) 786-7200
Fax: (856) 786-7450
www.towereconomics.com
Nobody can deliver one or a package of sites that fit better or that are more sensibly priced than Tower Economics.

see ad on page 9



#### **Tower Maps**

38659 Bolington Rd. Lovettsville, VA 20180 Phone: (540) 822-5092 www.towermaps.com



#### TowerCo, LLC

112 Towerview Ct Cary, NC 27513 Phone: (919) 469-5559 Fax: (919) 469-5530 www.towerco.com

We have experience managing more than 8,000 towers and we have placed more than 4,000 new tenants on those towers. We have



#### tower space rental - towers/concealment

developed the procedures for colocation, relo/reconfig, tower acquisition and Build-To-Suit used by many of the public tower companies today. Currently, our towers are strategically located in 34 states and for a complete listing go www.towerco.com

#### **Towers of Texas**

HCR 1, P.O. Box 2000 Sandia, TX 78383 Phone: (800) 447-9115 www.towersoftexas.com

#### **Tschudy Broadcasting Corp**

15 Campbell Street Luray, VA 22835 Phone: (540) 743-3000 Fax: (540) 743-3002

#### Vasu Communications, Inc.

2432 Ridgeland Dr. Avon, OH 44011 Phone: (440) 934-5268 Fax: (440) 934-4679 www.vasucom.com



#### Wireless Properties, LLC.

633 Chestnut St. Republic Centre Ste. 707 Chattanooga, TN 37450

Phone: (830) 444-1101 Fax: (423) 757-7020 www.wirelessproperties.com

Wireless Properties was founded in 2001 by G. Larry Wells. We build the sites the others are scared to build. "We don't build to Suit, We build to Please" Please take the time to review our Web site to learn more about us and how our expertise can be of service to you."

# tower-top amplifiers

#### Powerwave Technologies

1801 E. St. Andrew Place Santa Ana, CA 92705 Phone: (714) 466-1000 www.powerwave.com



#### Telewave, Inc.

660 Giguere Court San Jose, CA 95133 Phone: (408) 929-4400 Fax: (408) 929-4007 www.telewave.com Telewave, Inc. manufactures RF infrastructure equipment for wireless communication systems from 30 MHz to 2.5 GHz. Telewave offers a full range of products and engineering services, including antenna systems, duplexers, transmitter combiners, preselectors, tower-top preamplifiers, power monitors and portable wattmeters.

see ad on page 5

#### **TPL Communications**

3370 San Fernando Rd. Los Angeles, CA 90065 Phone: (800) 256-3000 Fax: (1323) 254-3210 www.tplcom.com

# tower/mobile/portable



#### **CDMI**

969 Griffin Pond Road Clarks Summit, PA 18411 Phone: (570) 587-3077 Fax: (570) 587-3075 www.cdmiwireless.com

CDMI fabricates the patented Lite-Site family of Quick Deploy Cell Sites. The Lite-Site ballasted frame and monopole does not require ground penetration. It can be installed on blacktop or gravel in less than a day and is PE certified as permanent or temporary.

see ad on page 61

#### FWT, Inc.

5750 E. I-20 Fort Worth, TX 76119 Phone: (817) 255-3060 Fax: (817) 255-2957

www.fwtinc.com

#### **Mobile Systems Integrators**

9726 East 42nd St. #233 Tulsa, OK 74146 Phone: (918) 665-8645 Fax: (918) 664-8396

www.mobilesystemsintegrators.com Portable towers /cell on wheels for sale or lease large in stock inventory 30' to 150'. Refurbishment and trade in services available.

#### Peak Industries, Inc.

1408 E. Stutler Rd. Spangle, WA 99031 Phone: (509) 443-0479 Fax: (509) 443-6192 www.peakindustriesinc.com

#### **US Tower Corporation**

1099 W. Ropes Ave. Woodlake, CA 93286 Phone: (559) 564-6000 Fax: (559)564-6011 www.ustower.com

#### **Western Towers**

320 W. 26th St. San Angelo, TX 76903 Phone: (325) 658-6539 Fax: (325) 655-1185 www.westerntowers.com

#### towers/concealment

#### Aero Solutions, LLC

1966 13th St., Ste. 280 Boulder, CO 80302 Phone: (720) 304-6882 Fax: (720) 304-6883 www.aerosolutionsllc.com see ad on page 71

#### **CDMI**

969 Griffin Pond Rd. Clarks Summit, PA 18411 Phone: (570) 587-3077 Fax: (570) 587-3075 www.cdmiwireless.com see ad on page 61

#### Cell Trees, Inc.

5401 S. Canada Place Tucson, AZ 85706 Phone: (520) 730-7750 Fax: (805) 980-4703 www.celltreesinc.com



#### ConcealFab Corporation

4335 Northpark Drive Colorado Springs CO 80907 Phone: (719) 599-3400 Fax: (719) 599-0057 www.concealfab.com

ConcealFab™ antenna screenwalls and enclosures are low-cost and maintenance-free. RF Transparent ConcealSkin™ technology provides unmatched insertion loss up to EHF microwave and backhaul spectrums. Systems include a pre-fabricated steel antenna frame for rapid site installation.

#### Ehresmann Engineering, Inc.

4400 West 31st St. Yankton, SD 57078 Phone: (605) 665-7532 Fax: (605) 665-9780

www.ehresmannengineering.com





College of Technology: February 25-26, 2008 Conference & Exposition: February 27-29, 2008 Las Vegas Convention Center, South Halls 3 & 4

www.iwceexpo.com

IWCE is the ONE place where all industries and all communications/IT professionals come together to share thoughts and ideas on wireless communications technologies.

#### WHO SHOULD ATTEND:

ANYONE who is responsible for planning and implementing an organization's wireless technology future...

- Enterprise users from all industries, including security, utilities, transportation, construction, education, retail, healthcare and facilities management
- IT professionals
- Public safety agencies
- Dealers and consultants
- Wireless service providers

#### WHAT YOU'LL GET AT IWCE:

- North America's largest forum on communications technologies developed for a variety of industry sectors
- A one-stop opportunity to shop for ideas and solutions from emerging wireless technologies at the industry's leading event featuring 350+ exhibitors
- Content-rich education and training developed by industry professionals
- Keynote Address by leading industry speakers
- General Sessions highlighting current industry topics
- Two Levels of College of Technology Workshops Level 100 for IT professionals and others new to the wireless world and Level 400 technical training courses for communications professionals
- In-Depth Conference Sessions on Mobile Voice Communications, Mobile Data, Spectrum Utilization, Emerging Technologies, Interoperability and Technology/General Business
- Dealer Day Workshops share best practices with other dealers and learn about new technologies in special workshops for dealers
- Unparalleled networking opportunities

IWCE is your best opportunity for training, contacts/networking, and seeing what's new from industry suppliers. IWCE has something for everyone regardless of what industry you are from.

#### **IWCE...Providing Wireless Solutions for the Working World**

For more information or to register, visit our website at www.iwceexpo.com or call 800-927-5007 or 508-743-0105

Interested in exhibiting? Call your sales manager: 5tephanie McCall • 913-981-6146 Cathi O'Brien • 203-358-3715

Organized by:

Penton Media

www.penton.com

Sponsored by:

www.mrtmag.com





SUMMIT www.iwce-mrt.com



#### Engineered Endeavors, Inc.

7610 Jenther Dr. Mentor, OH 44060 Phone: (440) 918-1101 Fax: (440) 918-1108 www.engend.com

EEI is recognized as the leader in disguising antenna structures. EEI provides a complete line of structures including monopoles, pine tree poles, palm tree poles, flag poles, light poles, bell/clock towers, water tanks, steeples, cupolas, chimneys and all types of rooftop screening.

#### **Fibergrate Composite Structures**

5151 Beltline Rd., Ste. 700 Dallas, TX 75254 Phone: (972) 250-1633 www.fibergrate.com

#### FWT, Inc.

5750 E. 1-20 Fort Worth, TX 76119 Phone: (817) 255-3060 Fax: (817) 255-2957 www.fwtinc.com

#### Glen Martin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com see ad on page 11

#### Gold Coast Communications, LLC

11 Nadine Boulevard Ocean View, NJ 08223 Phone: (609) 638-5680 Fax: (732) 294-5930

#### **Invisible Towers**

38974 Old Stage Place Waterford, VA 20197 Phone: (443) 277-0009 www.invisibletowers.com

#### Larson Camouflage, LLC

6701 S. Midvale Park Road Tucson, AZ 85746 Phone: (520) 294 3900 Fax: (520) 741 3488 www.larsoncamo.com

#### **Nello Corporation**

211 W. Washington Street, Ste. 2000 South Bend, IN 46601 Phone: (800) 80-NELLO Fax: (574) 288-5860

see ad on page 79



#### **Peabody RF Transparent Concealment**

Corona, CA 92879
Phone: (951) 734-7711
www.peabodyconcealment.com
RFTransparent Concealment. Carrier approved
and WiMax ready. RF tested to exceed market
requirements. Our panels match all types of

requirements. Our panels match all types of surfaces and textures and are made using Class I fire retardant resin. We ship our materials fully built and ready to install quickly."

see ad on page 43

13435 Estelle Street

# Rohn Products, Div. of Radian Communication Services, Inc.

6718 W. Plank Road Peoria, IL 61604 Phone: (309) 633-2692 Fax: (309) 633-2693 www.radiancorp.com

#### Sabre Towers and Poles

2101 Murray Street Sioux City, IA 51111 Phone: (800) 369-6690 Fax: (712) 279-0814 www.sabretowersandpoles.com

www.sabretowersandpoles.com

see ad on page 19



# SOLAR COMMUNICATION INTERNATIONAL

#### Solar Communications International, Inc.

8885 Rio San Diego Drive, Ste. 207 San Diego, CA 92108

Phone: (619) 243-2750 Fax: (619) 243-2749 www.rftransparent.com

Technology without Intrusion™ Solar Communications International, Inc. is a leading supplier and developer of RFTransparent™ products designed to integrate wireless infrastructure into the look and character of the end user's community."

#### Sollenberger Silos, LLC

5778 Sunset Pike Chambersburg, PA 17202 Phone: (717) 816-4592 Fax: (717) 709-9990 www.sollenbergersilos.com

#### Spectre Air and Ground Freight, Inc.

2330 Via Del Robles Fallbrook, CA 92028 Phone: (800) 867-5580 www.spectreair.com

# towers/monopoles



#### Better Metal, LLC

126 Wheeler Street LaVergne, TN 37086 Phone: (866) 9-BETTER Fax: (615) 535-0989 www.bettermetal.com



#### **CDMI**

969 Griffin Pond Road Clarks Summit, PA 18411 Phone: (570) 587-3077 Fax: (570) 587-3075 www.cdmiwireless.com

CDMI fabricates the patented Lite-Site family of Quick Deploy Cell Sites. The Lite-Site ballasted frame and monopole does not require ground penetration. It can be installed on blacktop or gravel in less than a day and is PE certified as permanent or temporary.

see ad on page 61

#### Cell Trees Inc.

5401 S. Canada Place Tucson, AZ 85706 Phone: (520) 730-7750 Fax: (805) 980-4703 www.celltreesinc.com



#### CellXion, LLC

5031 Hazel Jones Rd. Bossier City, LA 71111 Phone: (318) 213-2900 Fax: (318) 213-2919 www.cellxion.com

Cellxion, LLC, A division of Sabre Industries, offers the design and manufacturing of lightweight and concrete equipment enclosures, cabinets,



# Your subscription... toast.

Register at www.agl-mag.com/signup/.

Otherwise, the samples of **AGL** you're receiving soon will end.

Don't let your subscription be toast. Register today!

#### towers/monopoles - training/education

towers, monopoles, and telecommunication equipment installation at our various facilities. In addition our turnkey site development group offers project management, civil site constructions and antenna and line services nationwide.

#### Ehresmann Engineering, Inc.

4400 West 31st St. Yankton, SD 57078 Phone: (605) 665-7532 Fax: (605) 665-9780

www.ehresmannengineering.com



#### Engineered Endeavors, Inc.

7610 Jenther Dr. Mentor, OH 44060 Phone: (440) 918-1101 Fax: (440) 918-1108 www.engend.com

#### FWT, inc.

5750 E. 1-20 Fort Worth, TX 76119 Phone: (817) 255-3060 Fax: (817) 255-2957 www.fwtinc.com



#### Glen Martin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com see ad on page 11

#### Hill Radio Communications

2503 General Electric Road Bloomington, IL 61704 Phone: (309) 663-2141 Fax: (309) 662-4796 www.hillradio.net

#### Larson Camouflage, LLC

6701 S. Midvale Park Road Tucson, AZ 85746 Phone: (520) 294 3900 Fax: (520) 741 3488 www.larsoncamo.com

#### **Morrison Hershfield Corporation**

66 Perimeter Center East, Ste. 600 Atlanta, GA 30346 Phone: (770) 379-8500 Fax: (770) 379-8501 www.morrisonhershfield.com



#### **National Association of Tower Erectors**

8 Second Street SE Watertown, SD 57201

Phone: (888) 882-5865/(605) 882-5865

Fax: (605) 886-5184 www.natehome.com

Dedicated to providing a unified voice for tower erection, service and maintenance companies. Recognized as the leader in safety and education for the tower construction industry.

see ad on page 25



# Nello Corporation

211 West Washington Street, Suite 2000

South Bend, IN 46601 Phone: (800) 80-NELLO Fax: (574) 288-5860 www.nelloinc.com

A leading manufacturer of towers & steel products worldwide. We design, manufacture & distribute all tower types, monopoles, flagpoles, tree poles, etc & 1300+ tower components throughout the US and abroad.

see ad on page 79

#### Fred A. Nudd, Corporation

1743 Route 104, P.O. Box 577 Ontario, NY 14519 Phone: (315) 524-2531

Fax: (315) 524-4249

#### Quality Tower Services, Ltd.

1630 Elmview Dr. Houston, TX 77080 Phone: (713) 722-9119 Fax: (713) 722-8744 www.qualitytowerservices.com

#### Rohn Products, Div. of Radian Communication Services, Inc.

6718 W. Plank Road Peoria, IL 61604 Phone: (309) 633-2692 Fax: (309) 633-2693 www.radiancorp.com



#### S and S Communication Specialists, Inc.

418 W. Main Street Hulbert, OK 74441 Phone: (918) 772-3702 Fax: (918) 772-1933

www.sandscommunication.com

Complete tower services including roof-tops. billboards, water tanks, guyed and supported towers, monopoles, maintenance, inspections, cellular and microwave installation, complete site construction including civil, electrical, grounding, fencing and tower installation, tower mapping, extensions and reinforcements.

#### **Sabre Site Solutions**

2301 Bridgeport Drive Sioux City, IA 51111 Phone: (866) 428-6937 Fax: (712) 293-1964 www.sabresitesolutions.com see ad on page 19

#### **Sabre Towers and Poles**

2101 Murray Street Sioux City, IA 51111 Phone: (800) 369-6690 Fax: (712) 279-0814 www.sabretowersandpoles.com see ad on page 19



# SOLAR COMMUNICATIONS INTERNATIONAL

#### Solar Communications International, Inc.

8885 Rio San Diego Drive, Ste. 207 San Diego, CA 92108 Phone: (619) 243-2750 Fax: (619) 243-2749

#### Spectre Air and Ground Freight, Inc.

2330 Via Del Robles Fallbrook, CA 92028 Phone: (800) 867-5580 www.spectreair.com

www.rftransparent.com

#### **SRP Telecom**

P.O. Box 52025 Phoenix, AZ 85072 Phone: (602) 236-8777 www.srpnet.com

**86** above ground level

#### **Structural Components**

1617A Pearl Street Boulder, CO 80302 Phone: (866) 386-7622 Fax: (720) 489-3764

www.structuralcomponents.net

Taking towers beyond their limits requires creativity, complex engineering, finite element analysis, and ideally full scale structural testing. Structural Components has all of the above, offering for the first time pre-engineered reinforcements for every tower & pole.

#### Swager Communications, Inc.

P.O. Box 656 -- 501 East Swager Drive Fremont, IN 46737

Phone: (260) 495-2515 Fax: (260) 495-4205 www.swager.com

#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com see ad on pages 39, 49

# Tower Awards & Creative Sculptures, LLC

6209 E. Tecumseh St. Tulsa, OK 74115 Phone: (918) 832-9930 Fax: (918) 398-0814

#### Trylon TSF, Inc.

21 South Field Drive Elmira, ON N3B 2Z6 Phone: (519) 669-5421 Fax: (519) 669-8912 www.trylon.com

#### **US Tower Corporation**

1099 W. Ropes Ave. Woodlake, CA 93286 Phone: (559) 564-6000 Fax: (559)564-6011 www.ustower.com



**STRUCTURES** 

#### **Valmont Structures**

1545 Pidco Dr. Plymouth, IN 46563 Phone: (574) 936-4221 Fax: (574) 936-8925 www.valmont.com

Valmont Structures is an industry leading supplier of self-supporting & guyed towers, monopoles, & site hardware. We manufacture the highest quality towers in the industry. We offer a wide variety of towers made from solid rod construction and from tubular designs. With tower types ranging from standard light duty products for use in Wi-Fi/broadband applications to custom designs for heavy duty microwave applications, we've got your needs covered.

see ad on page 53

# tradeshows



#### International Wireless Communications Expo (IWCE)

11 River Bend Dr S Stamford, CT 06907 Phone: (203) 358-9900 Fax: (203) 358-5815 www.iwceexpo.com

International Wireless Communications Expo (IWCE) 2008; College of Technology Workshops: February 26-25; Conference & Exposition: February 27-29, Las Vegas Convention Center, Las Vegas. IWCE is the ONE place where all industries and all communications professionals come together to share thoughts and ideas on wireless communications technologies.

see ad on page 83



#### **National Association of Tower Erectors**

8 Second Street SE Watertown, SD 57201

Phone: (888) 882-5865/(605) 882-5865

Fax: (605) 886-5184 www.natehome.com

Dedicated to providing a unified voice for tower erection, service and maintenance companies. Recognized as the leader in safety and education for the tower construction industry.

see ad on page 25



#### PCIA

500 Montgomery Street, Ste. 700 Alexandria, VA 22314 Phone: (800) 759-0300 Fax: (703) 836-1608 www.pcia.com

PCIA represents companies that develop, own, manage and operate towers, commercial rooftops and other facilities for the provision of all types of wireless, broadcasting and telecommunications services.

#### training/education

#### APCO International, Inc.

351 North Williamson Blvd. Daytona Beach, FL 32114 Phone: (386) 944-2454 Fax: (386) 944-2754 www.apcointl.org

# Capital Safety (DBI-SALA and PROTECTA)

3833 Sala Way Red Wing, MN 55066 Phone: (651) 385-6212 Fax: (651) 388-5065 www.capitalsafety.com



#### ComTrain, LLC

N3680 Aebly Road Monroe, WI 53566 Phone: (608) 329-4840 Fax: (608) 329-4851 www.comtrainusa.com

Provides courses on certified Tower Climbing safety and Rescue, which covers equipment, hazards, and emergency rescue techniques. Basic Tower Construction course reviews procedures and regulations for construction a turnkey tower.

see ad on page 65

#### **EBI** Consulting

21 B Street Burlington, MA 01803 Phone: (781) 273-2500 Fax: (781) 273-3311 www.ebiconsulting.com

#### **Global RF Solutions**

1990 N. Alma School Rd. #122 Chandler, AZ 85226 Phone: (480) 814-1393 www.grfs.net

#### Guymast, Inc.

1110 Finch Ave. W, Ste. 814 Toronto, Ontario M3J 2T2 Phone: (416) 736-7453 Fax: (416) 736-4372 www.guymast.com

World Radio History

#### training/education - zoning services

#### **HgS Results**

808 Lakewood Drive McKinney, TX 75070 Phone: (972) 832-2992 www.hgsresults.com

#### Radio Club of America

P.O. Box 621074 Littleton, CO 80162-1074 Phone: (303) 948-4921 Fax: (303) 972-1653 www.radioclubofamerica.org

#### Sulowski Fall Protection, Inc.

2407 - 1300 Islington Ave. Toronto, ON M9A 5C4 Phone: (416) 233-2872 Fax: (416) 233-4367 www.fallpro.com



#### **Tessco Technologies**

11126 McCormick Road Hunt Valley, MD 21031 Phone: (410) 229-1165 Fax: (410) 229-1224 www.tessco.com

As innovative wireless technologies transform the way the world lives, works & plays. Tesseo is positioned as the vital link of this still-expanding industry, matching customer needs with the products, services & solutions when & where you need them most. When you need to build, maintain, run and/or use wireless voice, messaging, data, video, & tracking & location systems. Tesseo will deliver for you. Visit www.tesseo.com to take advantage of Tesseo's world-class web site.

see ad on pages 39, 49

#### Weisman Consultants, Inc.

1110 Finch Ave. W., Ste. 814 Downsview, Ontario M3J 2T2 Phone: (416) 736-7453 Fax: (416) 736-4372 www.weisman-consultants.com





#### Armstrong Helicopters, LLC

548 Hohenstein Lane Stevensville, MT 59870 Phone: (877) 777-9188 Fax: (406) 777-0491 www.armstronghelicopters.com

Complete your tower project safely & efficiently utilizing a powerful UH-1F helicopter &

decades of experience in various types of long line construction & concrete/aggregate placement. Services offered nationwide. Service Disabled Veteran Owned Business.



#### Spectre Air and Ground Freight, Inc.

2330 Via Del Robles Fallbrook, CA 92028 Phone: (800) 867-5580 www.spectreair.com

# turnkey systems

#### Aero Solutions, LLC

1966 13th St., Ste. 280 Boulder, CO 80302 Phone: (720) 304-6882 Fax: (720) 304-6883 www.aerosolutionsllc.com see ad on page 71

#### **Bearcat Builders**

Temecula

Temecula, CA 92592 Phone: (661) 943-7708



#### CellXion, LLC

5031 Hazel Jones Rd. Bossier City, LA 71111 Phone: (318) 213-2900 Fax: (318) 213-2919 www.cellxion.com

#### Comm-Structt, Inc.

Upper New Bethell Valdosta, GA 31605 Phone: (229) 560-9343 Fax: (229) 244-6714

#### Dietz Brothers, Inc.

12185 51st. Street NE Spicer, MN 56288 Phone: (320) 796-2281 Fax: (320) 796-2290 www.dietzbros.net

#### Diversified Telecom Services, Inc.

13330 Amberly Rd. / P.O. Box 273 Waverly, NE 68462 Phone: (800) 767-5435

Fax: (402) 786-3339 www.capitaltower.com



#### **Excell Communications, Inc.**

6257 Amber Hills Road Trussville, AL 35173 Phone: (423) 400-7170 www.excellcommunications.com

Excell Communications is one of the largest site development and construction firms serving the wireless industry throughout the southeast. For 10 years, we have provided the highest quality of vendor services and unsurpassed customer

see ad on inside back cover

#### Electronics Research, Inc. (ERI)

satisfaction. Make your network excell.

7777 Gardner Road Chandler, IN 47610 Phone: (812) ERI-LINE Fax: (812) 925-4030 www.eriinc.com

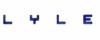
#### **Fibergrate Composite Structures**

5151 Beltline Rd., Ste. 700 Dallas, TX 75254 Phone: (972) 250-1633 www.fibergrate.com

#### Glen Martin, Inc.

13620 Old Highway 40 Boonville, MO 65233 Phone: (800) 486-1223 Fax: (775) 490-1300 www.glenmartin.com see ad on page 11





#### Lyle

3140 Gold Camp Dr., Ste. 30 Rancho Cordova, CA 95670 Phone: (866) 434-LYLE Fax: (916) 266-7001 www.lyleco.com

Lyle is the leading solutions partner of the wireless industry, providing mission critical solutions for network and infrastructure needs. Our expertise includes: Strategic Site Development, Collocation Management, Portfolio Optimization, Auditing and Data Management, and

Professional Services. We understand your needs. We have the know how. We have a proven track record. We deliver exceptional value. see ad on page 17

#### **Mobile Relay Associates**

15330 Vermont Ave. Paramount, CA 90723 Phone: (323) 636-5202

#### PennSummit Tubular

225 Kiwanis BLVD West Hazelton, PA 18202 Phone: (570) 454-8730 www.pennsummit.com

#### Structural Systems Technology, Inc.

6867 Elm St., Ste. 200 McLean, VA 22101 Phone: (800) 997-6555 Fax: (703) 448-0979 www.sst-towers.com



#### **Tower Innovations**

2855 Highway 261 Newburgh, IN 47630 Phone: (800) 664-8222 Fax: (812) 853-6652 www.towerinnovations.net

TI offers innovative engineering solutions and a versatile product line. Whether you are in the market for a 75-foot self supporting tower or a premier 2,000-foot candelabra for high-power broadcasting applications, TI has the solution. see ad on page 41

#### TowerMRL, Inc.

4450 Robertson Road Madison, WI 53714 Phone: (608) 244-1855 Fax: (608) 244-3427 www.towermrl.com

## wireless internet syc

#### 3Z Telecom

4700 SW 51 St Ste. 200 Ft. Lauderdale, FL 33314 Phone: (954) 581-6565 Fax: (954) 581-6566 www.3ztelecom.com see ad on page 57

#### KC Web Internet Services, Inc.

P.O. Box 136 Pleasant Hill, MO 64080 Phone: (816) 540-6348 Fax: (816) 222-0393 www.kcweb.net

#### zoning services

#### **Advanced Frequency Engineering**

P.O. Box 412 Gibsonton, FL 33534 Phone: (813) 495-0038 Fax: (813) 677-3576 www.rfawareness.com

#### Beacon 360, LLC

P.O. Box 102635 Denver, CO 80250 Phone: (303) 328-5788 Fax: (303) 374-5465 www.beacon360.com

#### Brian Cook & Associates, LLC

4026 Hawk Street, Ste. D San Diego, CA 92103 Phone: (619) 602-9444 Fax: (619) 260-0814 www.briancookandassociates.com

#### Faulk & Foster

3040 Charlevoix Drive SE Grand Rapids, MI 49546 Phone: (616) 975-0923 Fax: (616) 985-0920 www.faulkandfoster.com

#### G.C. Environmental, Inc.

22 Oak Street Bay Shore, NY 11706 Phone: (631) 206-3700 Fax: (631) 206-3729 www.gcenvironmental.com



#### Lawrence Behr Associates, Inc.

3400 Tupper Drive Greenville, NC 27834 Phone: (252) 317-2156 Fax: (252) 752-9155 www.lbagroup.com see ad on page 27

3140 Gold Camp Dr., Ste. 30 Rancho Cordova, CA 95670 Phone: (866) 434-LYLE Fax: (916) 266-7001 www.lyleco.com

Lyle is the leading solutions partner of the wireless industry, providing mission critical solutions for network and infrastructure needs. Our expertise includes: Strategic Site Development, Collocation Management, Portfolio Optimization, Auditing and Data Management, and Professional Services. We understand your needs. We have the know how. We have a proven track record. We deliver exceptional value.

see ad on page 17

#### Powder River Development Services, LLC

2523 Garfield Street, Ste. A Laramie, WY 82070 Phone: (307) 742-9416 Fax: (307) 742-6280 www.powderriverdev.com

#### SecuraSite, LLC

1631 NE Broadway, #100 Portland, OR 97232 Phone: (503) 781-9762 Fax: (425) 952-9481 www.securasite.net

#### White Pine Land Company

P.O. Box 910 Traverse City, MI 49684 Phone: (231) 929-3434 Fax: (231) 929-4555 www.whitepinecompanies.com



#### Wireless EDGE

270 North Ave., Ste. 809 New Rochelle, NY 10801 Phone: (914) 712-0000 Fax: (914) 712-9005 www.wirelessedge.com

Wireless EDGE is a premier provider of network implementation services & strategic tower sites. Nationwide services include: tower development, site management, development of cell sites & satellite terrestrial repeaters. special projects. We specialize in development & permitting of antenna sites on landmark &

historic properties. see ad on page 55

#### advertisers index

3ZTelecom5	' Lyle17
	5 MCM, Inc75
Aero Solutions, LLC7	Media Venture Partners67
Allstate Tower, Inc7	National Association of Tower Erectors (NATE)25
Aluma Form, Inc6	Nello Corporation79
AM Coordination Services90	Peabody Engineering43
Atlantic Risk Managementinside front cove	r Pendulum Instruments (incorporating XL Microwave)73
Bard Manufacturing Co3	RadioWaves, Inc81
CDMI6	RCC Consultants, Inc69
CMX Engineering3	7 Sabre Site Solutions19
Comtrain, LLC6	5 Site Certifications90
Dynamic Environmental Associates, Inc29	Specialty Tower Lighting, Ltd79
Elk River, Inc5	Subcarrier Communications, Incback cover
Excell Communications, Incinside back cove	r Talley Communications Corp23
Farlight,LLC3	5 Telewave, Inc5
Flash Technology3	39, 49 Tessco Technologies39
Fullerton Engineering Consultants, Inc6	3 Times Microwave Systems21
	Tower Economics9
Higgs Law Group9	) Tower Innovations41
	3 UniTech Services Group51
Hutton Communications, Inc1	5 Utility Service Communications45
	3 Valmont Structures53
	5 Waterford Consultants77
LawrenceBehrAssociates,Inc2	7 Wireless Edge55

#### professional directory

# **AM Coordination Services**

AM Coordination Services provides FCC compliance services in accordance with 47 C.F.R 22.371 for towers constructed or modified near AM broadcast stations; pre- and post-construction field strength measurements; tower detuning readjustment and repair; tower detuning hardware manufacturing; Also provides RF Intermodulation Studies; RF Safety Studies.

421 McDonald Drive Inwood, WV 25428 304-229-6307

www.amcoordination.com

# Higgs Law Group

Full-service telecommunications law firm with an emphasis on towers. Contact **HLG** for assistance with: Ground & Site Leases, FCC Enforcement & Licensing, Evaluation & Brokerage, Litigation & Insurance Claims, and all other tower-related transactions.

- Counseling clients to reach their best strategic advantage for a vibrant future

Ph. (301) 762-8992

Fax (301) 762-8993 www.higgslawgroup.com

# Site Certifications FAA 2C & 1A CERTIFICATIONS FAST in 50 STATES service@sitecertifications.com (330) 367-7100 www.sitecertifications.com

#### **HELP WANTED**

Experienced Facilities / Site Maintenances professionals. Need HV / AC, battery & generator, and building maintenance persons experienced with communications facilities. Mid Atlantic area.

Fax resume and salary desire to (336) 868-4290 or send email to ilovetowers@gmail.com.

Put the power of *AGL*'s circulation list to work for you with a professional card advertisement. Call **Mercy Contreras** at **303-988-3515**; email **mcontreras@agl-mag.com** 



# EVERY step of the way...

We're with you from beginning to end.

Site Development • Architecture and Engineering • Construction • Maintenance



Make your network excell.

Contact Customer Relations - 423.304.8652 - janetgill@excellcommunications.com www.excellcommunications.com

# Towers That Mean Business

Building Today's High-Capacity Colocation Towers

Subcarrier Communications, Inc. — Dyners, Developers, Managers

139 White Oak Lane — Old Bridge, NJ 08857 — 752-607-2828 — www.subcarrier.com

World Radio History