



■ A guide to key products and services showcased at SATCON 2012 exhibition in New York City from November 14-15, 2012.

Advantech Wireless

Booth no. 609

www.advantechwireless.com

Advantech Wireless is a world leader in satellite communications and terrestrial communications delivering equipment for thousands of systems for over 20 years.



We are proud to present World-Leading Technology Solutions, to exceed your requirements and reduce your costs.

A-SAT™ and GaN: Big Savings in Energy, Size & OPEX.

A-SAT™ stands for Adaptive Satellite Access Technology. A-SAT™ is beyond dual mode RCS/TDMA-SCPC, developed by Advantech Wireless several years ago and well ahead of the competition. A-SAT™ monitors channel utilization and switches seamlessly the satellite access method and mod code for the return channel to dynamically maximize the space segment utilization efficiency.

Add to this Advantech Wireless World Leading High Power Amplifiers featuring GaN technology, and you have to most powerful, cost-effective Satellite communications solution.

Advantech Wireless GaN advantages include: Up to 50% Smaller, Up to 70% less power consumption, Up to 30% less heat generation, A five- to ten-fold improvement in satellite signal strength and data rates, Greater reliability, Best Noise performance in the market.....enables higher order modulation 8 PSK and 16 APSK with less power...save OPEX, Best linearity and intermod performance.

A.G. Franz LLC

www.agfranz.com

A.G. Franz, LLC is a wholesale logistics and business consulting firm providing a broad range of services to the satellite, broadcast and cable industries, satellite users, wireless and cable system providers, system integrators, aerospace, government and electronics companies.



Our Sales Representation in the US includes Importer and Distributor Services, as well as Marketing Activities and Market Research. Our partners include:

Narda Test Solutions– specialized RF test equipment for

interference measurements: IDA (Interference and Direction Analyzer) and NRA (Narda Remote Spectrum Analyzer)

Advanced Broadcast Components– XTASI and 4T2 family of RF and digital video-stream analyzers

Peak Communications– high performance frequency converters, block converters, uplink power controllers, line amplifiers and test-loop translators

Blankom Antennentechnik– digital encoders and headend equipment

Hilkom Digital– multi-format receivers and digital video processing equipment

To schedule a meeting at SATCON send an e-mail to: andrea@agfranz.com or call +1-609-947-1459

Amos - Spacecom

Booth no. 614

www.amos-spacecom.com

Spacecom operates the AMOS satellite fleet, currently consisting of the AMOS-2, AMOS-3 and AMOS-5 satellites.



AMOS-2 and AMOS-3, co-located at the 4°W "hot spot" orbital position, deliver a wide range of communications and broadcasting services to Europe and the Middle East. AMOS-5, located at the 17°E orbital position, offers a pan-African C-band beam, connecting Europe and the Middle East alongside three Ku-band regional beams, enabling it to be a prime carrier of African traffic in both broadcast and data services.

With the launch of the AMOS-4 and AMOS-6 satellites, Spacecom will expand its reach to serve additional markets, including Asia and Russia, positioning the company as a genuine multi-regional satellite operator.

ATCi

Booth no. 305

www.atci.com

ATCi enhances its customers' opportunity for profit by providing custom global satellite communications systems and services. The company is committed to delivering innovative technologies to meet the emerging needs of cable television, corporations, government, educational institutions and small-



and medium-sized enterprises. ATCi is headquartered in Chandler, Arizona with operating sales offices in North America and China.

For over 20 years, ATCi has been the world leader in multi-beam technology and the ATCi proprietary Simulsat multi-beam has been providing programming to over 30 million cable subscribers in the U.S. market and abroad.

For further information on ATCi products and services, please call +1-480-844-8501.

AVCOM of Virginia

Booth no. 705

www.avcomofva.com

AVCOM is an industry leader of affordable test equipment within the satellite communications industry. For over 25 years we have produced rugged, easy to use products that have become the standard for companies small and large.



At SATCON, AVCOM of Virginia will be highlighting its new SBS-2 Single Board, an upgrade of its very successful AVCOM SBS Single Board Spectrum Analyzer. The SBS-2 comes with more features in an even smaller, more compact form factor than its predecessor.

AVL Technologies

Booth no. 501

www.avltech.com

AvL Technologies designs and manufactures mobile, motorized antenna systems and positioners featuring high performance carbon fiber reflectors, auto-acquisition controllers, and the unique AvL cable drive system. Ideal for small aperture antennae, it boasts zero backlash, high stiffness, light weight ruggedness, reliability, and cost effectiveness.

AvL has designed and developed SNG antennae for 1.0M, 1.2M, 1.4M, 1.6M, 2.0M and 2.4M apertures and a diverse product line of rugged motorized FlyAway packages, many available in back-pack configurations, some as small as to meet airline requirements for cabin baggage. AvL, now recognized as the leading producer of SNG antenna systems in the USA and fast becoming known worldwide, developed the first motorized, auto-acquisition Mobile VSAT antenna system designed specifically for IP broadcast. AvL has over fifteen thousand high-quality antennae for C-band, X-band, Ku-band, DBS-band, and Ka-band in service throughout the world for SNG, military, emergency communications, disaster management, mobile medicine, and other speciality applications.

Cobham Tracstar

Booth no. 410

www.cobham.com/tracstar

Cobham TracStar Land Systems is an international provider of mobile satellite communications technology to Government (military and civil), Commercial Media, Energy and Mining, and Enterprise markets. We have a comprehensive offering of products and services including Comm-on-the-Move, Comm-on-the-Pause, and Man-Packable antenna systems delivering video, data and voice connectivity worldwide.



Tracstar LVT 750P8 Terminal

The TracStar LVT Series of Manual Backpack Terminals provides a heavy duty, ruggedized, self-contained mobile system designed for easy portability and field-swappable Ku-, Ka- and X- band operations. Pictured here is the LVT 750P8, with an 8-segment carbon fiber reflector and tripod. BUCs, LNBS, and manual pointing tools for smartphones are also available.

For more information, contact Cobham at +1 (407) 650-9054 or sales@tracstar.net.

Globecomm

Booth no. 625

www.globecomm.com

Globecomm offers broadcasters a pre-engineered, configurable system for analog-to-digital conversion of terrestrial TV. The DTT Solution Kit makes it possible to upgrade digital TV systems without impacting analog programming operation. As a leading technology integration company, Globecomm takes end-to-end responsibility from design configuration to installation, testing and lifecycle support.



As part of the transition, Globecomm will upgrade multiple elements of the network. In short, it covers the network from beginning to end. Everything starts with the program acquisition subsystem; from there the upgrade also includes the compression subsystem, followed by transmission subsystem, ending with any required confidence monitoring.

Lastly, Globecomm provides technical lifecycle support in an effort to make sure everything not only meets, but exceeds our client's expectations. Backed by our 24 X 7 NOC, we will monitor your TV stations, provide remote support when needed and include mandatory site visits.

GlobeCast
Booth no. 619
www.globecast.com

At SATCON 2012 **GlobeCast** will demonstrate solutions that allow broadcasters to "take content further." Through the company's strong global presence and technological expertise, **GlobeCast** empowers content providers to generate additional revenue and remain competitive across screens, devices, and delivery platforms. **GlobeCast** will be demonstrating the company's proven solutions across three main areas:



Content Management and Delivery
A solutions provider for content management and delivery, **GlobeCast** will be showcasing scalable playout and origination solutions that allow broadcasters to adapt content to local markets anywhere in the world and simplify the overall content distribution process.

Global Satellite and Fiber Network
In addition to taking content further technologically, **GlobeCast** takes content physically further — thanks to the company's diverse capacity on satellites covering all five continents and 92,000 km of fiber spanning the globe. Hybrid solutions using both satellite and fiber ensure that broadcasters get the most adapted and cost-effective solution possible.

Content Aggregation and Distribution
GlobeCast now offers solutions for the aggregation and distribution of content. With a specialty in international content, **GlobeCast** has long and established relationships with hundreds of international channels as well with cable, telecom, and IPTV bouquet operators.

Hisparmar Satélites
Booth no. 719
www.hispasat.es



Covering all of the Americas, **Hisparmar Satélites** – a **Hisparmar Group** company – offers an extensive range of satellite communication services through the Amazonas 1 and Amazonas 2 satellites: IP, Broadcast, Corporate, Telecom, Government, Distance Learning, Telemedicine and Digital Signage.

Amazonas 1 and Amazonas 2 are two of the biggest and most powerful satellites serving the American Continent and operate collocated at 61° W offering both C- and Ku-band capacity, with immediate availability of high quality Ku-band capacity for North America.

NEWTEC
Booth no. 416
www.newtec.eu

At SATCON 2012, **Newtec** will be showcasing its new satellite modem portfolio. The range features a variety of specs appropriate for consumers, enterprise markets, service providers, governments and large-scale operations over satellite requiring even higher speed returns:

The Newtec **MDM2200 IP Satellite Modem**, designed for consumers and SME's, offers download speeds up to 22 Mbps and 3.5 Mbps upload alongside the lowest power consumption available on the market.

For high throughput B2B applications the Newtec **MDM3100 IP Satellite Modem**

will easily handle up to 45 Mbps download and 5 Mbps upload; with a future release increasing this to 10 Mbps.



Newtec MDM6000 Satellite Modem

Finally the highly anticipated Newtec **MDM6000 Satellite Modem** completes the portfolio. This modem bundle is capable of handling speeds up to 2 x 380 Mbps, and already has the upcoming S2-extensions candidates (including new modulation codes up to 64 APSK and 72 Mbaud) on board. These S2-extensions promise an efficiency increase of 15 to 37% on top of DVB-S2.

Walton De-Ice
Booth no. 701
www.de-ice.com

Walton De-Ice designs and manufactures the broadest line of equipment available for preventing the accumulation of snow and/or ice on satellite earth station antennas.



Walton De-ice offers several options for heating including, gas heaters with their economical operation advantages or the low maintenance Stainless Steel Electric Heaters.

At SATCON 2012, **Walton De-ice** will be showcasing its new Rain Quake system specifically designed to reduce rain fade on Ka-Band antennas. During heavy rain conditions, **Walton's** Rain Quake can reduce rain fade by up to 20 times more.



WE'RE THERE FOR YOU

Newtec technologies allow billions of people to connect to the world, their families and each other. You can find our innovations and technologies anywhere. Whether we work for government agencies or private companies, we always see innovation as a way to reduce your costs and optimize your efficiency. Our global experience in multiple markets helps us in achieving our ultimate goal: taking care of your satellite communications while you can focus on your core activities. We're there for you. Always and everywhere.

www.newtec.eu



Check out
our **new**
modem
portfolio!



Visit us at **SATCON** New York
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