



# Products and Services MarketPlace

■ A guide to key products and services to be showcased at the NAB 2015 in Las Vegas, Nevada, USA from April 13-16, 2015.

**ABS**  
booth SU 14112  
[www.absatellite.com](http://www.absatellite.com)



**ABS** is one of the fastest growing global satellite operators in the world. ABS offers a complete range of tailored solutions including broadcasting, data and telecommunication services to broadcasters, service providers, enterprises and government organizations.

ABS operates a fleet of satellites; ABS-1A, ABS-2, ABS-3, ABS-4, ABS-6 and ABS-7 and the recently launched ABS-3A. The satellite fleet covers 80% of the world's population across the Americas, Africa, Asia Pacific, Europe, the Middle East, CIS and Russia.

ABS has also procured a further Boeing 702SP satellite-ABS-2A scheduled for late 2015 with the options to add more satellites over the next 2-3 years to its growing satellite fleet.

ABS-3A is the revolutionary 702SP satellite built by Boeing Space Systems International. It is equipped with 48 x 72 MHz C & Ku-band transponders and will offer expanded communications and broadcast capacity connecting the Americas, Europe, the Middle East and Africa at 3°W.

**Advantech Wireless**  
booth SU 5002  
[www.advantechwireless.com](http://www.advantechwireless.com)



**Advantech  
Wireless**

SMARTER SOLUTIONS,  
GLOBAL REACH.

Advantech  
Wireless  
is the

leading wireless broadband communications solution provider for Commercial, Critical Infrastructure & Government and Military clients. We design turnkey terrestrial and satellite communications solutions that maximize performance and minimize operational costs, all with uncompromising quality. With our customized approach, award-winning R&D and innovative engineering, we empower you to achieve excellence in communication, while you experience reduced CAPEX and OPEX overall.

The company's products include World-leading GaN technology based High Power Amplifiers, SSPAs, BUCs, Next

Generation VSAT Hubs and Terminals, Microwave Radios, Antennas and Controllers, Frequency Converters, Routers, Satellite Modems and Ruggedized Products.



Advantech Wireless was awarded the Vision Award for "Most Promising Company of the Year 2014." The Vision Award recognizes the company that has experienced substantial growth in the market while demonstrating long-term viability of their enterprise.

**ATCi**  
booth SU 6221  
[www.atci.com](http://www.atci.com)



**ATCi** is a custom communications solutions provider specializing in commercial satellite communications systems and services including: the Simulsat multibeam, parabolic antennas, complete uplink systems/services, teleports, cable television headend and plant components, test equipment and input matrix switches, as well as fiber optics components for corporate, broadcast, cable television, government and education.

**AVL Technologies**  
booth SU 8007 and Outdoor Exhibits OE 801  
[www.avltech.com](http://www.avltech.com)

**AVL Technologies'** booths at NAB 2015 will showcase our newest vehicle-mount antennas for broadcast and military applications. In our indoor booth, SU8007, will be a new 2.0m antenna with a robust three-piece carbon fiber reflector with motorized folding hinged "wings" for automatic, compact stow width on mid-sized trucks, a high-stiffness azimuth bearing, our proprietary zero-backlash AvL Cable Drive, and a wide boom to allow for larger HPA envelopes. The antenna stows to a remarkable 20" and is operated with AvL's new AAQ controller.

AvL will also show our newest 70cm axi-symmetrical manual flyaway antenna. This ultra-compact, lightweight antenna features an eight-segment carbon fiber reflector, assembles in five minutes, and packs into a carry-on sized travel case or backpack. The antenna operates in Ku-, Ka- or X-band and was designed to be in compliance with the cur-

rently proposed FCC rule for Ka-band apertures. Additionally we will have our 60cm, 85cm and 2.4m manual fly-away antennas.

In our outdoor booth, OE801, we will have our new 1.5m vehicle-mount antenna for broadcast applications. This antenna operates in Ku- or Ka-band and stows to 18" on a pallet.



**AVL's 70cm  
Axi-symmetrical antenna**

AVL antennas are the industry benchmark of excellence for SNG, mobile broadband Internet access, Disaster Relief, Oil & Gas Data Backhaul, and Defense & Homeland Security solutions.

**C-COM Satellite Systems Inc.**  
booth SU 6047  
[www.c-comsat.com](http://www.c-comsat.com)

**C-COM Satellite Systems Inc.** develops commercial grade mobile satellite-based technology for the delivery of two-way high-speed Internet, VoIP and Video services into vehicles in remote areas.

The iNetVu<sup>®</sup> VSAT's have been adapted to be airline checkable and easily transportable for crucial access to communications. C-COM's broadband satellite-based products and services deliver high-quality, cost-effective solutions for both fixed and mobile applications throughout the world such as Broadcasting, SNG, Oil and Gas, Exploration, Military Communications, Disaster Management, Emergency Communications Backup, Cellular Backhaul and many others.



**C-COM's Ka-75V antenna**

Come visit C-COM's booth at NAB featuring the iNetVu<sup>®</sup> FLY-981 and Ka-75V Driveaway and discover the iNetVu 981 Driveaway, FLY-75V and ACFLY-1200. Both the 75cm ka-band driveaway and flyaway antennas are "Authorized for use on ViaSat Exede<sup>®</sup> Enterprise and on KA-SAT News Spotter News Gathering service by Eutelsat."

**COMTECH EF Data**  
Booth SU 5921  
[www.comtechefdata.com](http://www.comtechefdata.com)



**Comtech EF Data Corp.** – the global leader in satellite bandwidth efficiency and link optimization. Our integrated SatCom infrastructure solutions encompass Advanced VSAT Solutions, Satellite Modems, RAN & WAN Optimization, Network & Bandwidth Management and RF Products. The offerings feature groundbreaking efficiency (industry-leading coding, modulation, compression and physical layer operation), robust intelligence (traffic shaping, dynamic bandwidth allocation and integrated network management) and unparalleled horsepower (processing power for your pps and Mbps transmission requirements). Commercial and government users utilize our solution suite to reduce OPEX/CAPEX and to increase throughput for the most demanding fixed and mobile networks.

**COMTECH Xicom Technology**  
Booth SU 5921  
[www.xicomtech.com](http://www.xicomtech.com)

**Comtech Xicom Technology** provides a broad product line of KPAs, TWTAs, SSPAs and BUCs for worldwide satellite uplink covering C-, X-, Ku-, DBS-, Ka-, Q-band, Tri- and Multi-band with power levels from 8 to 3,550 watts and available in rack-mount and antenna-mount ODU packages.

At the NAB 2015, Comtech Xicom will be introducing new SuperPower TWTAs with radically improved efficiency that will help you achieve your savings goals. Comtech Xicom's new high-efficiency, high-power TWTA technology doubles available output power and makes our new SuperPower<sup>™</sup> TWTAs the first true Klystron replacement. Advanced space tube technology applied to amplifiers for fixed satellite communications uplinks changes the equation on power, efficiency and reliability. With the highest power and longest warranty ever offered in outdoor antenna-mount and indoor rackmount TWTAs, Comtech Xicom's SuperPower<sup>™</sup> 2



**Comtech Xicom's new  
Superpower TWTA**

kW Ku-band and 1.5 kW DBS-band TWTAs are revolutionizing satcom uplinks and opening up new possibilities in ground stations around the world. These amplifiers dramatically reduce the space, weight, power consumption, thermal load, and cost of high power for uplinks.

**Crystal**  
**Booth SU 5024**  
[www.crystalcc.com](http://www.crystalcc.com)

 Founded in 1986, **Crystal** designs and delivers network monitoring and management solutions that improve operational efficiency, analyze errors, and enhance system resiliency, particularly for businesses that deal with complex and dispersed distribution pathways. Every day, program and advertising content worth billions of dollars flows through equipment managed by Crystal for leading media, enterprise, and satellite customers -- including Fox, CNN, Disney, and Intelsat. Crystal, a privately held company, is headquartered in Greater Atlanta, GA.

**Globecast**  
**Executive Suite S215LMR**  
[www.globecast.com](http://www.globecast.com)

 **Globecast** is a leading-edge content contribution, media management and distribution company. It brings together bespoke management and monetisation solutions and the most extensive connectivity mix, ensuring that broadcasters and media companies can maximise the value of their content.

In addition to the most complete range of coverage solutions using satellite capacity, global fibre backbone and over-the-top delivery on CDN networks, the company's content preparation expertise ensure its clients' media is correctly formatted, packaged and delivered to any platform and location. Globecast provides an efficient and modular one-stop "shop" offering, allowing content providers of all shapes and sizes to benefit from economies of scale as well as pay as you "go" or "grow" models.

With a global presence and highly skilled multicultural teams, Globecast engages with content providers to create simple and flexible solutions that fit their specific requirements and help them to expand and grow audiences in new territories. The company operates from facilities in Europe, the Americas, the Middle East, Asia, Africa and Australia, and is trusted by the world's leading content providers.

At NAB 2015 Globecast is introducing a range of US market developments to the company's media management capabilities. These follow on from the recent completion of a brand new Media Factory facility at Culver City, CA as well as a new Media Hub in Miami. This significant investment strengthens the company's presence, providing leading-edge media management and playout services using best-in-

-class technologies. The new facilities in LA and Miami, along with the already established Media Factories in Singapore, London as well as the Media Centre in Paris, form a global, interconnected network that can deliver media services in all locations.

**Hispasat/ Hispamar Satélites**  
**Booth SU 10417**  
[www.hispasat.es](http://www.hispasat.es)

 The **HISPASAT Group** is composed of companies with a foothold in Spain as well as in Latin America, where its Brazilian affiliate HISPAMAR, sells its services.

The Group is a leading Spanish- and Portuguese-language content broadcaster and distributor, including over important direct-to-home television (DTH) and high-definition television (HDTV) digital platforms. HISPASAT is one of the world's largest companies in terms of revenue in its sector, and the main communications bridge between Europe and the Americas.

**Narda Test Solutions**  
**@AG Franz Booth SU 6607**  
[www.agfranz.com/narda-satellite/](http://www.agfranz.com/narda-satellite/)

Narda Test Solutions designs and manufactures highly sensitive signal analyzers for RF interference detection and monitoring (rack-mountable and portable).

At the NAB we will be showcasing the new **Narda Remote Spectrum Analyzer NRA-6000 RX**. The



**Narda Remote Spectrum Analyzer  
NRA-6000 RX**

The NRA RX is a 1RU rack mountable, high speed (12 GHz/sec), low-power fan-less test-equipment with 10 MHz reference input that can be and has been easily integrated and remotely controlled in various network monitoring systems. Up to 500 channels can be pre-programmed for fast carrier monitoring, with up to 600,000 samples per sweep.

The NRA RX is extremely sensitive with a noise floor of -155 dBm to be able to detect low-level interferences. The wide bandwidth (9kHz-6GHz) of the NRA-6000 RX enables the operator to simultaneously monitor a variety of signals; the NRA-3000 RX model (9kHz-3GHz) is optimized for satellite signal interference monitoring and troubleshooting. The

high-speed I/Q data streaming capability is ideally suited for signal identification and characterization.

The Narda RF signal analyzers are available in North America through A.G.Franz, LLC [www.agfranz.com/narda-satellite/](http://www.agfranz.com/narda-satellite/)

**Newtec**  
booth SU 2424  
[www.newtec.eu](http://www.newtec.eu)

Founded in 1985, Newtec is celebrating 30 years of connecting people this year. The global leader in satellite communications equipment and technologies is marking this milestone with 20% growth and new market expansion, including cellular backhaul, multiservice and High Throughput Satellites (HTS).



Solutions for these, including the Newtec Dialog® multiservice platform, with new patented technology Mx-DMA™ which combines SCPC and MF-TDMA qualities, will be demonstrated at the NAB 2015. Technology for established markets, like broadcast and VSAT, including the new DVB-S2X

transmission standard as software-upgrade available will also be showcased.

**RSCC**  
booth SU 11321  
[www.rsc.ru](http://www.rsc.ru)



**The Russian Satellite Communication Company (RSCC)** is the national state satellite operator whose spacecraft provide a global

coverage. RSCC belongs to the ten largest world satellite operators and owns five teleports and its own optical fiber infrastructure.

The company possesses the largest satellite constellation in Russia located in the geostationary orbital arc from 14 West to 140 East and cover the whole territory of Russia, the CIS, Europe, the Middle East, Africa, the Asia Pacific region, North and South America, and Australia. RSCC offers a full range of telecommunications services such as TV and radio broadcasting, data transmission, telephony, multimedia and others using its own terrestrial engineering facilities and

satellite constellation.

**ScheduALL**  
Booth SU 3821  
[www.scheduall.com](http://www.scheduall.com)



**ScheduALL**, the leading global provider of Enterprise Resource Management (ERM) solutions for media, broadcast and transmission businesses since 1989, will showcase their revolutionary self-serve end-to-end provisioning scheduling solutions, ScheduALL Portal™ and ScheduALL Connector™ at the 2015 NAB Show.

Portal simplifies making complex bookings of Occasional Use transmission feeds in real-time, directly into a transmission provider's system. Utilizing a browser-based, user-friendly wizard for selling transmission feeds, Portal allows users to quickly make transmission bookings without requiring in-depth network expertise. Meanwhile, behind the scenes Portal leverages all of the unrivaled power and complexity of ScheduALL's transmission scheduling and conflict resolution.

Connector takes advantage of ScheduALL's large global community of transmission inventory consumers and providers across more than 50 countries that use the ScheduALL system to manage their feeds. Connector provides a direct link between OU providers and their customers, uniting ScheduALL systems across global trading partners.

**Walton De-Ice**  
Outdoor Exhibits booth OE 812  
[www.de-ice.com](http://www.de-ice.com)



**Walton De-Ice**, the world's leading designer and manufacturer of satellite earth station antenna (ESA) weather protection solutions, Walton will showcase its latest Ka-Band satellite ESA weather protection solutions, **Ice**

**Quake**, **Rain Quake**, and **Snow Shield** during NAB 2015.

Walton De-Ice's Snow Shield antenna cover uses architectural fabric that is virtually invisible to RF for antennas from 0.6 to 6.3 meters in size. Snow Shield covers can be passive, or actively heated using electric or gas heaters.

Walton De-Ice's Ice Quake enhances the performance of the Snow Shield antenna cover by vibrating the fabric cover, preventing snow and ice accumulation that degrade signals. Ice Quake enables huge, up to 100x, energy savings versus competing anti-ice systems.