



Products and Services Market *Place*

■ A guide to key products and services showcased at NAB 2013 in Las Vegas, Nevada, USA from April 8-11, 2013.

A.G. Franz LLC/ Narda Test Solutions
Booth no. SU 10502/ SU 6906
www.agfranz.com

At the NAB the two test equipment analyzers from **Narda Test Solutions** will be showcased.

The portable, low-weight **IDA Interference and Direction Analyzer** is a highly sensitive spectrum analyzer, optimized for interference localization, with an extremely fast sweep time at 12 GHz/sec and a real-time bandwidth of up to 32 MHz for intercepting short term signals. The unique smartDF direction finding mode manages triangulation results and automatically calculates emitter positions. These features enables the operator to quickly localize interfering transmitters, and they support close range reconnaissance and signal monitoring.

The **Narda Remote Spectrum Analyzer NRA** is a family of 19" 1RU rack mountable high speed test equipment that is easily integrated and remotely controlled in measurement environments. The fanless design ensures silent continuous operation.



Narda Interference and Direction Analyzer

The wide bandwidth (9kHz to 6 GHz) of the NRA-6000 enables the operator to simultaneously monitor radio, cellular, LTE and WiMAX Signals. The NRA-3000 is capable of analyzing signals from 9kHz to 3GHz for line-up and troubleshooting of satellites. It is also available with an integrated LNB control making it ideally suited for satellite communication systems.

The IDA and the NRA are available in North America through A.G.Franz, LLC http://www.agfranz.com/products_narda.html

ATCi
Booth no. SU 6921
www.atci.com

ATCi - Antenna Technology Communications Inc., a provider of satellite communications systems, will be showcasing at the NAB its Simulsat Multibeam transport antenna system specifically designed for a full range satellite communications applications.

The complete RF Transport System includes the Simulsat multibeam antenna - the world's only multiple satellite an-

tenna that is capable of receiving satellite transmissions from 35+ satellites simultaneously, L-band fiberoptic links for transport into the headend, RF detection



ATCi's Simulsat Multibeam Antenna

for LNB status, L-Band Matrix Switch to route and distribute signals to receivers, an embedded spectrum analyzer for monitoring each signal, proprietary M & C software that provides total monitoring capabilities of each individual signal path. It reports the current health of each LNB, fiber transmitter, and fiber receiver as well as full matrix control.

ATCi's President Gary Hatch noted that the company's Simulsat Multibeam was specifically re-engineered to handle the unique applications that are specific to content harvesting applications. "It is a testament to ATCi's continuous commitment to our customers that the Company was able to re-engineer the legacy Simulsat Multibeam system that has been serving cable customers for 30+ years in the US and abroad to also meet the unique news gathering and content aggregation needs of operators," he added.

AVL Technologies
Booth no. OE 801/ SU 8007
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 backpack 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 in the first motorized, auto-acquisition Mobile VSAT antenna system designed specifically for IP broadcast. AvL has more than 18,000 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 specialty applications.

C-Com Satellite Systems Inc.
Booth no. SU 10404
www.c-comsat.com

C-COM Satellite Systems Inc. will showcase at NAB 2013 its new, rugged, lightweight iNetVu® line of Ka- and Ku-Band auto-pointing antenna systems, which can be deployed within minutes at the touch of a button. The *iNetVu®* mobile antenna is a proven solution used by press and media groups across the globe, providing reporters with instant communication through real-time video transmission. For the SNG market, the iNetVu® is an advanced solution as well as the most reliable and cost-effective. These systems have been deployed by broadcasters in the USA, U.K., Germany, Belgium, Netherlands, Poland, Italy, Romania, Spain, Russia, Finland, France and many other countries around the world.



The *iNetVu® FLY-75V* Flyaway Antenna is the most recent innovation by C-COM's acclaimed antenna designers. This 75cm Flyaway product is a highly portable, self-pointing, motorized and fully auto-acquire unit, configurable with the iNetVu® *7710 Controller*, and can provide fast satellite acquisition within minutes. Designed to operate on Ka-band, this antenna system can be assembled in 10 minutes by one person, and is priced very effectively for any user.

Cobham Tracstar
Booth no. OE 1100
www.cobham.com/tracstar

The **Cobham EXPLORER 3075** manual point flyaway VSAT system is a lightweight, rugged, highly portable, and modular mobile terminal capable of X, Ku and Ka band operation. Its user-friendly design allows operators with minimal satellite experience to access broadband network services within minutes. Transport packaging consists of a single airline-checkable case. Cobham SATCOM, as an official launch partner of the Inmarsat Global Xpress® (GX) network, is offering models of the EXPLORER 3075 configured specifically for operation on both the GX commercial (1GHz) and



Cobham Explorer 3075

wideband (2GHz) services. Cobham SATCOM offers a diverse array of turn-key satellite terminals that fulfill critical communications needs and reduce system configuration requirements for end users. Systems are available as manual or auto-deploy configuration, and are organized in drive-away, fly-away and comm-on-the-move (COTM) families. We specialize in assisting partners with integrated end-to-end solutions for rapid deployment to support markets and applications including Military, Homeland Security, Emergency Response, Law Enforcement, Media Broadcasting, Telemedicine, Remote Office Communications, Energy and Mining, and numerous IP-based services such as Voice, Radio, Data, Fax, and Live Video Transmission.

Comtech Xicom Technology
Booth no. SU 2721
www.xicomtech.com

Comtech Xicom Technology's new generation of XTCT rack-mount controllers provide an easy to use, intuitive touch screen interface for monitoring and controlling outdoor amplifiers (ODUs). The new touch screen front panel displays the HPA's operational status, including power output and temperature, graphical displays of parameter trend analysis, and event logs. Local and remote diagnostics can also be easily performed via an Ethernet interface. This new display eliminates the need for a separate controller to control multiple HPAs for common architectures (TWTAs or SSPAs). All operational data is saved within the amplifier's non-volatile memory, providing a complete history of the HPA in the event that the unit needs service or repair.



The XTCT controller is housed in a 3RU, 19-inch rack unit and can be configured for controlling a single amplifier or multiple amplifiers in a 1:N redundancy system. The use of Ethernet technology means that additional HPAs and switches can be controlled to meet individual customer's requirements.

GlobeCast
Booth no. SU 4911
www.globecast.com



GlobeCast will be at the 2013 NAB Show presenting solutions for broadcasters who want to take their content further — both geographically and technically. Over-the-top (OTT) television delivery and multiregional solutions for content management and distribution are among the areas being highlighted at booth SU 4911.

As the broadcast world becomes more complex, GlobeCast aims to help broadcasters both expand and simplify their

distribution strategies. GlobeCast sales staff from around the world will be on hand to meet with broadcast clients and vendors to find multiscreen solutions for broadcast delivery. The company's range of solutions addresses content providers and broadcasters of any size.

Presentations and demos at booth SU4911 will include:

- Global playout and origination
- Content management
- B-to-B solutions for OTT Delivery
- Content aggregation and distribution
- MyGlobeTV™, a broadband-delivered television platform for the Americas

GlobeCast will once again be exhibiting alongside its sister company, Netia.

GlobecommSystems
Booth no. SU 6221
www.globecomm.com



Globecomm provides robust versatile end to end solutions for the global contribution & distribution of video content. Our team of skilled engineers design, build, and support networks and on-air operations owned by our customers. Our managed network services help you simplify your office network and your everyday operations allowing your broadcasting centers to run efficiently and cost effectively. Growing broadcasting organizations benefit from our technology expertise and reliable services.

Hispasat/ Hispamar Satélites
Booth no. SU 10815
www.hispasat.es



Covering all of the Americas, **Hispamar Satélites** – a **Hispasat 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.

Its latest addition to its fleet is the Amazonas-3 satellite which includes nine Ka-Band spot beams—the first Ka-Band capacity made available for the Latin American market.

ND Satcom
Booth no. OE 304
www.ndsatcom.com



ND SATCOM ND SatCom is a technology innovator of broad-

caster solutions. Our fully automated & IP enabled SmartSNG vehicle can be push-button operated by your camera person & controlled out of the News Room. Our Media Fleet Manager is an easy to use news production workflow tool to schedule, book online & automatically activate/deactivate DVB, IP, fiber optic, & microwave based feeds from news bureaus & SNG/ENG vehicles. Combining all aspects of broadcasting into a complete Media Network Solution.

Newtec
Booth no. SU 7521
www.newtec.eu

Newtec will be introducing the most efficient broadcast equipment for video contribution and distribution at NAB 2013:

- Product launch** of the MDM6100 Broadcast Satellite Modem
- New release** of the M6100 Broadcast Satellite Modulator



Features include:

- Seamless migration to Multistream and S2 Extensions
- Re-use of existing infrastructure
- Reduction of satellite interference through DVB CID
- Ready for HEVC and UHD TV

Walton De-Ice
Booth no. OE 1302
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 NAB 2013 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.

