PRODUCTS & SERVICES MARKETPLACE

A guide to key products and services to be showcased at NAB Show 2019, April 8-11, Las Vegas, Nevada.

Advantech Wireless Technologies
Booth # SU 9207
www.advantechwireless.com

At Advantech Wireless Technologies, we design, manufacture and deploy networking for broadband connectivity, broadcast solutions, video contribution and distribution and mobile backhaul, using satellite and terrestrial wireless technologies. Our clients rely on Advantech Wireless to provide smart solutions that deliver fast, reliable and secure communications anywhere in the world. Our revolutionary technologies include world-leading GaN technology based high power amplifiers, SSPAs, block-up converters (SSPBs), frequency converters, fixed and deployable antennas, antenna controllers and terrestrial microwave radios.

AvL Technologies
Booth # OE 11015
www.avltech.com

Founded in 1994, AvL Technologies is celebrating 25 years in the satellite communications industry this year. AvL's first antenna – serial number 001 – is a 1.8m SNG antenna still in operation today, and it operates from its third uplink truck at PacSat.

This year at NAB, in Outdoor Exhibit OE11015, we will show a new and very adaptable antenna that can be mounted to a pick-up truck, SUV or box truck. The 1.2m antenna has a segmented reflector to enable it to fit into a smaller case, and it can be shipped or transported as mounted on a vehicle.Also in our booth will be AvL's newest ultra-lightweight and compact flyaway antennas. Two of these antennas, with 75cm and 98cm reflectors, are integrated, and can be used with manual operation or upgraded to motorized auto-acquisition operation. We also will show the new 2.2m ultra lightweight manual quad-band antenna.

2.2M Ultra-Lightweight Flyaway Antenna

C-COM Satellite Systems Inc.
Booth # OE 11029
www.c-comsat.com

Join **C-COM** at the NAB for a live demo of the Ka-98H/JUP mounted on a vehicle providing fast satellite acquisition with the iNetVu® 7710 Controller at a touch of a button. This New Generation .98m Auto-Acquire Driveaway Antenna has been "Approved for operation on Hughes JUPITER Systems" and is convertible from Ka to Ku band.

C-COM's iNetVu® FLY-981, a .98m Ku-band Flyaway antenna will also be on display. This highly portable, self-pointing, auto-acquire unit is configurable with the iNetVu® 7710 Controller to provide fast satellite acquisition within minutes, anytime anywhere. It can be assembled in 10 minutes by one person.

Both terminals are indispensable for applications requiring reliable and/or remote connectivity in a rugged environment for Internet services (High-speed access, Video & Voice over IP, file transfer, e-mail or web browsing and are ideally suited for industries such as Oil & Gas Exploration, Military Communications, Disaster Management, SNG, Emergency Communications Backup, Cellular Backhaul and many others.

Comtech EF Data Corp.
Booth # SU 3308
www.comtechefdata.com

Comtech EF Data Corp. is a leading suppli-

er of communications equipment with a focus on satellite bandwidth efficiency and link optimization. Our high-performance satellite communications ground equipment is deployed globally to support mission-critical and demanding applications for government, mobile backhaul, premium enterprise and mobility. Service providers, satellite operators, governments and commercial users wanting to optimize communications, increase throughput and delight customers leverage the performance and flexibility of the Comtech brand. The solutions are facilitating fixed and mobile networks in 160+ countries and across every ocean.

COMTECH Xicom Technologies
Booth # SU 3308
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 Multiband with power levels from 8 to 3,550 watts and available in rack-mount and antenna-mount ODU packages.

Comtech Xicom has led in the design and production of millimeter wave TWTAs. Xicom has been shipping high power Ka-band amplifiers since 1997. We have shipped more than 2000 Ka-band amplifiers to military and commercial customers around the globe. We can offer CW amplifiers for TT&C as well as peak amplifiers for multi-channel communications. We offer both outdoor mounted and indoor products to meet our customers' needs.

Comtech Xicom is the world leader in Q-band HPAs. We have 50, 120, 140 and 200W products. As well as a dual-band Ka/Q band amplifier. We have full mil qualification. V-Band is an emerging frequency of interest due to the vast available bandwidth and the availability of V-band hardware. Comtech Xicom offers a 250W V-Band amplifier for gateway service.

Newtec
Booth# SU 1416
www.newtec.eu

Discover our latest industry-leading broadcast equipment, including the M6100 and the MCX7000; Find out more about the benefits of All-IP broadcasting and how it can transform your business; Experience a demonstration of DVB-S2X Channel Bonding UHD Contribution: 4K sports/events coverage made possible over fragmented space segment

Get more information on satellite and OTT – learn more about feeding the CDNs and injecting into the Cloud.

This year, we will also be running a new feature at NAB – the SATCOM HUB, where satellite and media connect. We will create an environment in NAB's South Upper Hall that unites the industry and demonstrates why satellite is a critical part of the connectivity mix of the future. We will have free, daily presentations from industry players – a rich program of insights from the leading lights of the satellite broadcast sector. It's not to be missed!

Walton Enterprises
Booth # OE 20052
www.de-ice.com

Walton De-Ice, the world's leading designer and manufacturer of satellite earth station antenna (ESA) weather protection solutions, will showcase its all-new Walton ADC-4000 Antenna De-Icing Control System for the first time in Europe at the IBC. The Walton ADC-4000 makes the operation of Walton hot-air de-icing systems more accurate and efficient than ever, offering potential savings in management and labor overhead for satellite broadcast and head end facilities.

The ADC-4000 Antenna De-Icing Control System adds a new method to actively control the heat within an antenna de-icing enclosure thus allowing for improved control of the antenna surface temperature.

Walton De-Ice's new Portable Radome is designed to protect satellite terminals for applications such as transportable, coms on-the-pause (COTP), first responder, vehicular and similar VSAT and smaller earth station sites. Walton's solution design is also resistance to high winds. It would also support permanent installations and SNGs, and LEO/MEO gateway terminals.