



Products and Services MarketPlace

A guide to key products and services to be showcased at the IBC 2016 in Amsterdam, The Netherlands from September 9-13, 2016.

ABS
Hall 2 booth # 2.C28
www.absatellite.com



ABS operates a global fleet of 7 satellites including the recently launched ABS-2A satellite at 75°East. Its extensive teleport network provides comprehensive coverage to 93% of the world's population. ABS has strategic alliances and partnerships with state of the art communication hubs, to deliver the best satellite solutions. Headquarters in Bermuda, ABS has offices in the United States, United Arab Emirates, South Africa, Germany, Philippines, Indonesia and Hong Kong. ABS is majority owned by the Permira funds which are advised by European Private Equity firm Permira.

ABS' integrated satellite solution can seamlessly connect you to premium neighborhoods and cable TV headends around the world. ABS' prime video neighborhoods include: 75°E, 3°W, 159°E delivering TV content to audiences worldwide.

Advantech Wireless
Hall 1 booth # 1.F40
www.advantechwireless.com



Advantech Wireless

SMARTER SOLUTIONS.
GLOBAL REACH.

Advantech

Wireless supports the critical

need for High Throughput Satellite communications in a rapidly expanding digital environment. Our proven low-cost and highly reliable system solutions are meeting the ever-increasing need for high-bandwidth communications essential to broadcasters, cellular network providers, military and government requirements, robust corporate networks, and security. We integrate award-winning research and development engineering into our designs. The result: custom solutions with lowest overall capital and operating costs, together with an unparalleled commitment to lead the industry in materials, design and reliability.

Amphinicy Technologies
Hall 6 booth # 6.B03
www.amphinicy.com



Amphinicy Technologies is a leading provider of complex software solutions and all-round software support for the satellite and space industry.

The company operates from Luxembourg and Zagreb, Croatia, providing premium quality support to its clients, both in Europe and abroad.

Amos Spacecom
Hall 1 booth # 1.C65
www.amos-spacecom.com



Spacecom is a leading global satellite service provider operating a constellation of advanced satellites across Europe, Asia and the Middle East. Our fleet consists of **AMOS-2** and **AMOS-3** co-located at 4°W and **AMOS-4** at 65°E. The AMOS satellites provide high-quality broadcast and communications services in Europe, Africa, Russia, Asia, the Middle East, & North America.

ARABSAT
Hall 1 booth # 1.B38
www.arabsat.com



Founded in 1976, **Arabsat** has been serving the growing needs of the Arab world for over 30 years. Now one of the world's top satellite operators, it carries over 500 TV channels, 160 radio stations, pay-TV networks and wide variety of HD channels reaching tens of millions of homes in more than 80 countries across the Middle East, Africa and Europe—including an audience of over 170 million viewers in the (MENA) tuned into Arabsat's hotspot at 26° E. Operating a growing fleet of owned satellites at the 20° E, 26° E, 30.5° E and 34.5° E, ARABSAT is the only satellite operator in the MENA region offering the full spectrum of Broadcast, Telecommunications and Broadband services, making Arabsat satellites' fleet the youngest in the region.

AvL Technologies
Hall 5 booth # 5.A45
www.avitech.com



AvL Technologies' booth at IBC 2016 will feature a number of new and cutting-edge antennas. On display will be two O3b MEO tracking Ka-Band antennas - 85cm and 2.4M. The antennas offer the power of O3b's high throughput, low latency connectivity. These tactical terminals are easily transportable, rapidly deployable and operate in tandem pairs (same size) with make-before-break communications and can be set-up and on-the-air within two hours.

Featured will be our new 85cm auto-deploy fully-integrated flyaway system which features a mission-configurable weatherproof electronics enclosure and repre-

sents the latest power efficient technology in a lightweight, airline checkable, 2-case solution. This unit is loaded with features including multiple modem choices and offers options such as on-board WiFi, fiber connectivity and AC/DC prime power.

In addition, on display will be a 1.2M SNG motorized vehicle-mount Ka-band antenna, a 1.0M vehicle-mount Mobile VSAT antenna with a cowl, and the case-based version of AvL's model 9066 FlyAway antenna used worldwide by broadcasters and militaries due to its reliability, ruggedness and high-performance.

Additionally in our booth will be our 60cm ultra-lightweight, compact and robust manual flyaway antenna. This 60cm antenna operates in harsh conditions and packs into a commercial airline carry-on sized backpack. With its fast interchangeable feed system with tri-band capability, this antenna operates in Ku-, Ka- or X-band and is DBS capable.



C-COM Satellite Systems Inc.
Hall 5 booth # 5.C53
www.c-comsat.com



C-COM Satellite Systems Inc. is a leader in the design, development and manufacture of commercial grade mobile SOTP antennas. iNetVu® systems are available in Vehicle Mount, Flyaway, Airline Checkable and Fixed Motorized platforms. More than 7000 C-COM antennas have been deployed in 103 countries around the world in a variety of vertical markets including SNG/Broadcasting, Emergency Response, Oil & Gas, and many more.

Under development now, is a new generation of Ka and Ku-band SOTM (Satcom-On-The-Move) antennas. Be sure to stop by C-COM's booth 4.C53 at IBC and catch a glimpse of the NEW Ka-band inMotion terminal.

Also on display will be the 75cm Flyaway antenna the iNetVu® FLY-75V

and the iNetVu® 1202

Drive-Away Antenna, a 1.2M Ku-band auto-acquire satellite antenna system which can be mounted on the

roof of a vehicle for Broadband Internet Access over any configured satellite. The system works seamlessly with the iNetVu® 7710 Controller providing fast satellite acquisition within minutes, anytime anywhere and is field upgradable to Ka-band.



COMTECH EF Data
Hall 1 booth # 1.F80
www.comtechefdata.com



Comtech EF Data Corp. is 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
Hall 1 booth # 1.F80
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 IBC, Comtech Xicom Technology will be showcasing its SuperCool™ family of amplifiers which has many practical advantages over traditional air-cooled amplifiers including: ambient noise reduction, ease of service and maintenance, higher reliability, reduced heat load in hubs, flexible and compact installation and gain stability over ambient temperature.



The Comtech Xicom design incorporates integrated cooling channels in the amplifier baseplate, external to the high voltage and RF circuitry and drip-free connections. Liquid cooling is available across the high-power end of the product-line, including: the new SuperPower 2000W, and 1500W products; the 1250W, 750W, 500Ka and 250Ka family of amplifiers.

Gazprom Space Systems
Hall 5 booth # 5.B68
www.gazprom-spacesystems.ru



Gazprom Space Systems (GSS) – one of two Russian national satellite operators which holds 30% of the satellite capacity market in Russia. At IBC2016 GSS presents new opportunities of its space telecommunications system based on four satellites: Yamal-202 (49E), Yamal-402 (55E), Yamal-401 (90E), and Yamal-300K (183E). Total Yamal satellite constellation capacity amounts to 248 equivalent transponders of 36MHz and about a third of it is concentrated in beams pointed over territories outside Russia.

Globecast
Hall 1 booth # 1.A29
www.globecast.com



Globecast provides agile and seamless content acquisition, management and distribution services globally. The company constantly innovates in an evolving IP-centric environment to provide reliable and secure customer solutions. Globecast has created the number one global hybrid fiber and satellite network for video contribution and distribution. This network enables multiplatform delivery including TV Everywhere OTT, Satellite, cable, Video on demand, CDN delivery as well as cloud-enabled media services. The company remains the trusted partner for coverage and international delivery of news, sports, and special events around the globe. Customers enjoy a seamless global experience on the ground from 12 interconnected Globecast owned facilities, including Los Angeles, London, Singapore, Paris, Rome, and Johannesburg.

Hispasat/Hisparmar
Hall 1 booth # 1.D40
www.hispasat.com



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 satellite companies in terms of revenue in its sector, and the main communications bridge between Europe and the Americas.

ND Satcom
Hall 5 booth # 5.A60
www.ndsatcom.com

At IBC **ND Satcom** will be showcasing its SKYWAN modem

family— a reliable, flexible and versatile satellite communication platform for customer centric networks. It is a bi-directional MF-TDMA plus DVB system that supports voice, video and data applications in the most bandwidth efficient manner.

The new **SKYWAN 5G** unlocks new business opportunities for service providers. Total cost of ownership is significantly reduced thanks to the fact that only one type of device is needed for all roles in the network.



Newtec
Hall 1 booth # A49
www.newtec.eu

Newtec, a specialist in designing, developing and manufacturing equipment and technologies for satellite communications, will be showcasing at the IBC its most advanced VSAT modem to date – the first on the market to support wide-band DVB-S2X , the Newtec MDM5000 Satellite Modem.

The **MDM5000** is capable of receiving forward carriers of up to 140 MHz, and processing over 200 Mbps of throughput. On the return channel, it supports SCPC, TDMA and Newtec's unique Mx-DMA™, up to 75 Mbps.



RF-Design
Hall 1 booth # 1.F45
www.rf-design-online.de



RF-Design is specialized in developing, manufacturing and marketing high quality RF distribution solutions for the international Satellite-, Broadcast- and Broadband communications market. Our product range includes Switch/Routing Matrices, RF-over-Fiber solutions, Splitters/Combiners, Switches/Redundancy Switches, Line Amplifiers, RF/DVB Signal Quality Analyzers and LNB-supply/control systems...perfectly suited for applications in Teleports, Satellite Earth-Stations as well as Broadcast- and Broadband RF distribution infrastructures. We also have strong capabilities to design and to manufacture custom-made RF distribution solutions for your individual needs.

At IBC 2016 we will demonstrate our new unique, innovative and clever Switch Matrix systems "FlexLink-K7-Pro" and "FlexLink S7" as well as our new RF-over-Fiber system "RedLink FLCRplus" allowing N+1 and N+2 redundant optical transmission. We look forward to welcoming you at our

stand and to talking about your individual RF distribution requirements.

RSCC
Hall 1 booth # 1.F89
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.

Satservice GmbH
Hall 1 booth #1.F87
www.satservicegmbh.de

SatService GmbH is pleased to present at IBC 2016 the new *sat-nms* KuBRX19 Beacon Receiver with Ku-Band input and the improved *sat-nms* ACU19V2 Antenna Controller.

The *sat-nms* KuBRX19 is based on the proven *sat-nms* LBRX L-band Beacon Receiver module operating jointly with an integrated wide band Ku-band block down converter in front of it. Other frequency bands such as C- to Ka-band are



also available. The main application of this receiver is in antenna tracking systems, where the receiver provides the tracking signal level to the antenna step track controller.

The *sat-nms* ACU19V2 is an improved automatic tracking antenna controller. It can be used as a cost efficient antenna tracking system to replace existing controllers of other manufacturers. Huge efforts have been spent in order to make this unit as compatible as possible to other brands. As result the replacement is simple plug and play by reusing the existing cables of an antenna installation.

Terrasat Communications, Inc.
Hall 1 booth # 1.F61
www.terrasatinc.com

Terrasat began in October, 1994, specializing in engineering design and manufacturing of advanced radiofrequency products for satellite and terrestrial microwave communica-

tions systems. Today, the company is focused on innovative RF solutions for satellite communications. The groundbreaking IBUC – Intelligent Block Up converter – brings full-featured, carrier-grade performance to commercial and military satellite communications terminals.



UHP Networks
Hall 1 booth # 1.A95
www.uhp.net



UHP Networks, formerly known as Romantis Inc, is a leading manufacturer of high-performance VSAT network equipment. Our solutions are field proven with over 170 networks and 11,000 remote terminals installed, many operating in most demanding applications with Tier 1 enterprise, broadcast and government customers. The company has its headquarters in Montreal, Canada, with manufacturing operations in Germany and sales and support offices worldwide.

Walton De-Ice
booth # 1.A62
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** at IBC 2016.

Work Microwave
Hall 5 booth # 5.A77
www.work-microwave.com



At IBC2016, **WORK Microwave** will demonstrate the latest innovations in analog and digital sat-com solutions, increasing flexibility, bandwidth, and margins for satellite operators while reducing their operational costs. Key highlights at the show will include the company's new A-Series IP-based DVB-S2X family of modems, demodulators, and modulators, along with the debut of greater design options for frequency converters based on market demand.

WORK Microwave devices have been deployed by operators worldwide to support a range of applications within the satellite broadcast and satellite communications markets, including SNG/contribution, direct-to-home, IP networking, teleport management, governmental, and more.