



Products and Services MarketPlace

A guide to key products and services to be showcased at the Satellite 2017 in Washington, D.C. From March 7-9, 2017 and at CABSAT in Dubai, UAE from March 21-23, 2017.

ABS

Satellite booth # 231

CABSAT Hall 8, booth # B8-30

www.absatellite.com



ABS operates a global fleet of satellites including ABS-2A at 75 °East the latest addition to the satellite fleet. ABS provides capacity to support video and television distribution, cellular backhaul,

broadband trunking and maritime connectivity. Its extensive teleport network provides comprehensive coverage to 93% of the world's population including Africa, Middle East, Asia Pacific, Russia/CIS and the Americas. ABS has strategic alliances and partnerships with state-of-the-art communication hubs to deliver the best possible satellite solutions.

ACORDE Technologies

Satellite booth # 2123

www.acorde.com



ACORDE Technologies, a NATO AQAP 2110 certified company, since 1999 designs, develops and manufactures RF front-ends for satellite communications systems from S band up to Ka band, in which the company is a world reference, or even Q-band, providing robust, reliable and field proven solutions to customers worldwide in Military, Space, Telecom and Broadcast markets.

The company manufactures compact and lightweight BUCs and LNBS, introducing new and efficient technologies such as GaN, and versatile approaches such as dual and quad sub-bands integrations. ACORDE's RF equipment features the latest control technology, ranging from a simple hand-held system up to remote control systems via IP (offering a wide number of possible protocols, such as Telnet, SNMP, SSH, etc.). Equipment can be certified, at customers' request, in accordance with the MIL-STD-810G (environmental testing) and MIL-STD-461E (electromagnetic compatibility) U.S. military standards.

In addition, ACORDE offers built-to-spec solutions to its clients, among which there are several international space agencies, DoDs from several continents and large system integrators.

Advantech Wireless

Satellite booth # 1609

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.

Learn more about our World Leading Second Generation SATCOM GaN based SSPAs/BUCs, New AMT-83L Advanced Military Grade SOTM Satellite Modem, New A-SAT-II™ – 2nd Generation HTS Multiservice VSAT Hub Platform, New VSAT Hub 3D BoD WaveSwitch™ technology, Broadcasting Datalink Solution, Antennas and Microwave Radios.

Amos Spacecom

Satellite booth # 1723

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

CABSAT Hall 8 booth # B8-10

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.

AQYR
Satellite booth # 2226
www.aqyrtech.com



AQYR is a land terminal provider of Tactical SATCOM Solutions, used by Military & Defense, Public Sector, Foreign Governments, Commercial & Enterprise markets. AQYR designs and manufactures highly portable GBS and 2-way Ku/Ka-band full auto-acquisition, single case portable ground terminals. These intuitive, patented, auto-acquire terminals are developed from our 14 years' experience as the Tactical SATCOM Systems Provider.

AVCOM of Virginia
Satellite booth # 1236
www.avcomofva.com



Avcom will be highlighting its EVO Series of high performance RF spectrum analyzers at Satellite 2017. The first in the series of model, EVO-RSA-6001, will be debuted at the Satellite Show 2017.

The analyzers are the next generation of proven products from Avcom serving the satellite industry for over 35 years will be on display at Booth 1236.

The EVO Series products are based on digital swept FFT technology and will be available in a convenient 1RU enclosure. The analyzers provide reliable performance over a wider frequency range than previous products. With models available in frequency bands, ranging from 70 MHz to 6 GHz, the EVO series acquire an accurate measurement of signals with higher resolution bandwidth and faster sweep rates. A web-based GUI provides the user with a clear, intuitive and multi-function display. Remote control of all settings and functions, such as data logging, stream recording, and shape alarms are easily accessed via the standard GUI.

AvL Technologies
Satellite booth # 917
www.avltech.com



At SATELLITE 2017, **AvL Technologies** will launch a new line of flyaway antenna systems, designed to accommodate current and future modem, RF and satellite frequency options. On display in AvL's booth will be three aperture sizes – 0.75M, 0.98M & 1.35M. This new line of user-configurable, IATA checkable and carry-on satellite terminals are ultra-compact, ultra-lightweight, ultra-high performance fully integrated systems, which can be upgradeable from the baseline manual-point configuration to a motorized, auto-acquisition platform.

Also on display will be a 1.2m O3b MEO tracking Ka-Band antenna. The antenna offers 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.



AvL also will show the 85cm auto-deploy fully-integrated flyaway system, featuring a mission-configurable weatherproof electronics enclosure and the latest power efficiency technology.

C-COM Satellite Systems Inc.
Satellite booth # 1319
CABSAT Hall 7, booth # 711
www.c-comsat.com



C-COM Satellite Systems Inc. is a pioneer in the manufacture and design of mobile, auto-deploy antenna systems. The iNetVu[®] brand, available in vehicle mount, flyaway, and fixed motorized format, is sold in over 100 countries, and is considered the most reliable and advanced product in the market today. More than 8,000 C-COM antenna systems have sold into the military, oil and gas, SNG, disaster management, mobile banking and telecom verticals, among others. C-COM is also engaging in the design and manufacture of next generation, 'Comm-on-the-Move' antenna systems, including a land-based, Ka-band COTM antenna, as well as a phased array, electronically steerable solution.

At Satellite and CABSAT, C-COM will be showcasing its Ka-98H/JUP, a 98cm, auto-deploy antenna approved for operation on Hughes Jupiter System. It comes with the one-button, auto-pointing 7710 controller system to acquire satellite in under two minutes. The system can be converted in the field to operate on other available approved Ka-band services, including Eutelsat KASAT, Yahsat YAHCLICK, and Avanti (iDirect/Gilat service), and also to Ku-band.



COMTECH EF Data
Satellite booth # 1401
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).

At Satellite, join us for a 30 minute briefing about an evolution in satellite access technologies. In the briefing, we will share how our new H-DNA technology:

- Rapidly adapts to changing environments
 - Delivers superior efficiency & quality of experience
 - Instantly assigns capacity based on network-wide demand
 - Intelligently utilizes total network bandwidth at all times
- Stop by the Comtech booth #1401 to secure your seat.

COMTECH Xicom Technology
Satellite booth # 1401
CABSAT Hall 7, booth B7-32
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 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

Crystal
Satellite booth # 2031
www.crystalcc.com



Crystal Control enables multi-site NMS & Control, Metadata applications for Linear to OTT, Streaming with DRM & DAI. Serving satellite, broadcast and video for 30 years: *Spectrum Monitoring & Recording, * Metadata applications, * Ad Insertion Verification & Reconciliation, * Site Diversity Switching, * Network Management Systems.

DataPath
Satellite booth # 309
www.datapath.com



DataPath leverages over 25 years of experience across 40 countries to bring best practices

to everything "From Terminals to Teleports and all the Tools In Between™." We focus on remote, distributed or at-risk environments, where reliable communications are a must. This includes government, broadcast, emergency response, and industrial markets.

Gazprom Space Systems
CABSAT Hall 7 booth # E7-30
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.

INTEGRASYS
Satellite booth # 106
www.integrasys-space.com



INTEGRASYS is the satellite carrier monitoring technology leader for telecommunication and

broadband Markets. INTEGRASYS is highly specialized on Carrier Signal Monitoring, Interference Detection and VSAT autocommissioning systems and SNGs.

Our software products are the state-of-the-art in Control Systems in terms of speed, flexibility, efficiency and scalability and introduces a new concept in signal monitoring communications

Hispasat/Hispamar
Satellite booth # 933
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.

LP Technologies
Satellite booth # 236
www.lptechnologies.net



LP Technologies (LPT) is an industry leader in affordable spectrum analyzers and powerful carrier

monitoring - interference detection systems company headquartered in Wichita, KS. LP Technologies has been a pioneer of multi port remote-controlled spectrum analyzers; they set the pace of innovation for satellite communication. LPT combines the latest signal processing technology, customers' input, common sense, and their two decade industry experience to make revolutionary products. They are innovators who understand the market, customers and their respective applications. LP Technologies Makes Spectrum Monitoring Easy. For over 20 years broadcast, wireless, manufacturers, and satellite companies have relied on LP Technologies' spectrum analyzers to never miss a trace. Across the RF spectrum customers agree that LPT offers the best products for the right price along with a support is second to none. LPT makes long-term partnerships, instead of customers. So as LP Technologies partners' applications become more complex so become LPT's solutions.

Newtec
Satellite booth # 2001
CABSAT Hall 7 booth # B7-20
www.newtec.eu

Newtec, a specialist in designing, developing and manufacturing equipment and technologies for satellite communication,



will be showcasing at Satellite and CABSAT its most advanced VSAT modem to date – the first on the market to support wideband 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.

ND Satcom
Satellite booth # 118
CABSAT Hall 6 booth # F6-20
www.ndsatcom.com

At Satellite and CABSAT **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.

RF-Design
Satellite booth # 2511
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 communication market. Our product range includes a wide range of **Switch Matrix systems, 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 manufacture custom-made RF distribution solutions for your individual needs. All our products are developed, manufactured, tested and approved in our own facilities in Lorsch, Germany and characterized by high quality, reliability and superior RF performance.

Santander Teleport
Satellite booth # 1700
CABSAT Hall 8 booth # 800
www.santanderteleport.com

SANTANDER TELEPORT **Santander Teleport** is an independent teleport operator offering satellite communication services in C, X, Ku and Ka bands for service providers, enterprise and government organisations in a number of markets including maritime, enterprise, broadcast and defense.

Santander Teleport owns its own satellite teleport facilities in Spain with access to a global terrestrial network and works with partner teleports to provide global reach.

RSCC
Satellite booth # 2113
CABSAT Hall 8 booth # F8-30
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.

Terrasat Communications, Inc.
Satellite booth # 422
CABSAT Hall 7 booth # 701
www.terrasatinc.com



Terrasat began in October, 1994, specializing in engineering design and manufacturing of advanced radiofrequency products for satellite and terrestrial microwave communications systems. Today, the company is focused on innovative RF solutions for satellite communications. The ground-breaking IBUC – Intelligent Block Up converter – brings full-featured, carrier-grade performance to commercial and military satellite communications terminals.

UHP Networks
Satellite booth # 119
CABSAT Hall 8 booth # G8-31
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
Satellite booth # 1619
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 Satellite.

Work Microwave
Satellite booth # 633
CABSAT Hall 6 booth # F6-21
www.work-microwave.com



At Satellite and CABSAT, **WORK Microwave** will demonstrate the latest innovations in analog and digital satcom 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.

Xiplink
Satellite booth # 2108
www.xiplink.com

XipLink is the technology leader in wireless link optimization using industry standard SCPS TCP acceleration, UDP enhancements, data/header compression, link bonding and Internet optimizations to deliver a better wireless experience over stressed communication links. XipLink is a privately owned company with headquarters in Montreal, Quebec Canada and filed personnel worldwide.

