ABS

CABSAT booth # ZG5-32 Zabeel Hall,
Satellite booth # 334
www.absatellite.com

ABS operates a global fleet of 6 satellites including ABS-3A at 3°West the latest addition to the satellite fleet. Its extensive teleport network provides comprehensive coverage to 80% of the world’s population across 5 continents. ABS has strategic alliances and partnerships with state of the art communication hubs, to deliver the best possible satellite solutions.

ABS has enhanced its fleet by procuring two new satellites, ABS-2A with powerful coverage over the Middle-East, Africa, Asia and Russia scheduled to launch in 2016 and ABS-8 for future deployment.

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.

Advantech Wireless

CABSAT booth # ZH4-40 Zabeel Hall,
Satellite booth # 717
www.advantechwireless.com

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 military and government requirements, cellular network providers, broadcasters, 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.

The company products include award-winning Second Generation GaN based SSPAs/BUCs, Next Generation VSAT Hubs and Terminals with A-SAT-II Optimization, Microwave Radios, Fixed and Mobile Antennas, Antenna Controllers, Frequency Converters, Routers, Satellite Modems and Ruggedized Products.

Amos Spacecom

Satellite booth # 1601
www.amos-spacecom.com

Spacecom, operator of the AMOS satellite constellation, consisting of AMOS-2 and AMOS-3 co-located at 4°W, AMOS-5 at 17°E, 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. With the launch of AMOS-6 to 4°W in 2015, enhancing coverage over Europe and the Middle East with its new Pan-European beam, Spacecom will further strengthen its position as a global satellite operator. Spacecom’s AMOS-4 satellite provides a full range of services to Southeast Asia, Russia and China. AMOS-6, planned for launch in 2016, will provide steerable Ku-band across Europe and the ME and high-throughput Ka-band coverage in Africa and Europe. Ku-band and Ka-band on AMOS-4 is now available.

ARABSAT

CABSAT booth # ZC5-10 Zabeel Hall,
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 a 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

Satellite booth # 1611
www.avltech.com

AvL Technologies’ booth at SATELLITE 2016 will con-
continue our proud tradition of showcasing industry benchmarks of excellence. On display this year will be AvL’s O3b-certified MEO tracking Ka-Band antenna systems, both the 85cm and 2.4m full-performance variants. These antennas are transportable, rapidly-deployable, tactical terminals that utilize a unique, high duty-cycle drivetrain for uninterruptable, around-the-clock MEO tracking. The AvL antennas feature a highly integrated design that typically operate in dual-antenna (make-before-break) terminal configurations but can also operate in single-antenna (break-before-make) mode.

We will also feature our latest addition, the 1.3m Model 1390 X/Y MEO-LEO tracking antenna. This uniquely transportable product uses an X-over-Y positioner to eliminate the zenith keyhole, a limitation for traditional Elevation-over-Azimuth positioners for LEO and MEO orbits requiring overhead tracking. The Model 1390 has full horizon to horizon coverage including a single piece (or segmented) axis-symmetric carbon fiber reflector.

Our newest 85cm auto-deploy flyaway system will also be on display - the AvL Model 824i 85cm highly integrated satellite communication system, featuring a mission-configurable weather proof electronics enclosure. The Model 824i represents the latest power efficient technology in a lightweight, airline checkable, 2-case solution. We have engineered the 824i to accommodate the AvL AAQ auto-acquisition antenna controller module as well as an array of customer specified terminal components, including a wide range of modem card options; WIFI networking capability; fiber connectivity; multiple AC and/or DC power options and customer-defined I/O connector options.

C-COM Satellite Systems Inc.
Satellite booth # 731
www.c-comsat.com

C-COM Satellite Systems Inc. will be showcasing its new inMotion SOTM antenna (Satcom-On-The-Move) at Satellite booth 731. Come visit our booth to learn more about our products including our most popular Auto-acquire Ka-band Flyaway antenna, the iNetVu® FLY-75V and our top-of-the-line Ku-band DriveAway, the iNetVu® 1202.

COMTECH EF Data
Satellite booth # 1401
www.comtechefdata.com

COMTECH Xicom Technology
CABSAT booth # ZE4-51 Zabeel Hall,
Satellite booth # 1401
www.xicomtech.com

Comtech Xicom Technology provides a broad product line of KPA, TWTA, SSPA and BUC 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 Satellite and Cabsat, 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 base-plate, 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. Comtech Xicom engineers are available to help customers understand and specify liquid cooling systems that are right for them.

Gazprom Space Systems
CABSAT booth # ZH6-40  Zabeel Hall
www.gazprom-spacesystems.ru

Gazprom Space Systems (formerly Gascom) is a private commercial, non-governmental satellite operator based in Russia. GSS was established in 1992. Its shareholders are Gazprom - the world biggest gas company, Rocket-Space Corporation Energia - the leading Russian space enterprise, and Gazprombank - the largest Russian non-state bank and Gazprom’s authorized bank.

The company operates the Yamal Satellite Communication System, providing the users with:

- satellite capacity worldwide;
- satellite services in Russia (“point-to-point” links, TV distribution, VSAT networks, broadband, mobile backhaul, trunking etc.).

Today the Yamal Satellite Communications System consists of four Satellites (Yamal-202 at 49E, Yamal-300K at 183E, Yama-401 at 90E and Yamal-402 at 55E), state-of-the-art telecommunication center and VSAT networks in the regions of Russia. 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.

The geography of GSS clients encompasses around 30 countries and services based on Yamal capacity are used in more than one hundred countries. Although on the international market GSS provides pure capacity, the company has a number of partner teleport companies in the Europe, Middle East, Far East, Asia, Africa and America which provide value added services.

The next step of the company constellation enhancement will be Yamal-601 satellite dedicated to replace Yamal-202 satellite operating at 49E. In total at least five new satellites are planned to be launched by 2025.

Hispasat/Hispamar
Satellite booth # 409
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 (DTV) 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.

Hunter Communications
Satellite booth # 2106
www.huntercomm.net

Hunter Communications entered the Canadian market in mid-2013 when it repositioned the Satmex 5 satellite in order to serve Canada, where Ku Band capacity has been both scarce and expensive. In October of 2015, a follow-on satellite was placed into service with Hunter’s new hosted Ku-beam – this beam provides for excellent coverage with primary focus over all of the Canadian landmass and surrounding waters, including northern Canada and its Arctic waters.

INTEGRASYS
Satellite booth # 118
www.integrasys-sa.com

INTEGRASYS is the technology leader in signal monitoring software systems for satellite, broadband and telecommunications market.

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.

At Satellite 2016, Integrasys will be showcasing its Sat-
motion Pocket is the most innovative technology worldwide for VSAT commissioning and maintenance, minimizing OPEX time and interferences. Satmotion Pocket is the winner of the “Most Innovative Technology of the Year” Award 2014.

ND Satcom
CABSAT booth # ZA5-32 Zabeel Hall, Satellite booth # 138
www.ndsatcom.com

At CABSAT and Satellite 2016, 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. Each SKYWAN 5G has the full functionality on board and specific features are unlocked by a license key. One small hardware for all network roles simplifies logistics and unprecedented scalability enables the growth of your network in a very cost efficient manner. This saves costs in terms of logistics, certifications, network configuration and maintenance. Measuring in at only 1 RU the SKYWAN 5G is the smallest hub device on the market.

SKYWAN 5G enables star, mesh, multi-star or hybrid topologies with Communications-on-the-move (COTM) support. Each unit can act either as a hub or master station, therefore adding agility in terms of its network role. Geographical redundancy of the master station is already built-in. The device is so flexible that the customer can change the topology at a later point, use the unit for other networks or even split or pool networks together.

Newtec
CABSAT booth # ZK6-30 Zabeel Hall, Satellite booth # 1619
www.newtec.eu

Newtec, a specialist in designing, developing and manufacturing equipment and technologies for satellite communications, will be launching its most advanced VSAT modem to date—the first on the market to support wideband DVB-S2X, the Newtec MDM5000 Satellite Modem—at SATELLITE 2016 and CABSAT 2016. 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.

With forward symbol rates from 1 to 133 Mbaud and coding up to 256APSK, the MDM5000 will boost efficiency and performance on legacy satellites while fully unleashing the potential of next-generation High Throughput Satellites (HTS). As the latest addition to the Newtec Dialog® multiservice platform, the MDM5000 is designed to handle a wide range of IP services, including: Internet and Intranet access, Voice over IP (VoIP), mobile backhauling and trunking, along with video contribution and multicasting.

RF-Design
CABSAT booth # ZG4-30 Zabeel Hall
www.rf-design-online.de

RF-Design specializes in developing, manufacturing and marketing high quality RF distribution solutions for the international Satellite-, Broadcast- and Broadband communications market. Our product range include 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. 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. At CABSAT 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+2redundant optical transmission. We look forward to welcoming you at our stand and to talking about your individual RF distribution requirements.
Santander Teleport
CABSAT booth # ZF4-52 Zabeel Hall,
www.santanderteleport.com

**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.

Terrasat Communications, Inc.
CABSAT booth # ZH4-42 Zabeel Hall,
Satellite booth # 1831
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.

The company’s new manufacturing facility on the southern edge of Silicon Valley has nearby access to an abundance of high technology supporting infrastructure and a highly skilled labor force.

Terrasat’s latest satellite communications products include the second generation IBUC2 – a smaller and lighter weight evolution of the original IBUC. New products employing Gallium Nitride (GaN) amplifier designs have also joined the lineup providing smaller yet powerful BUC solutions for mobile applications and higher power amplifiers that are perfect for teleports and broadcast applications.

Walton De-Ice
Satellite booth # 845
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 2016.

Antenna de-icing and weather protection systems from Walton De-Ice can reduce signal loss through Ka-Band dishes, and improve the reliability and quality of content delivery services.

UHP Networks
Satellite booth # 1801
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. Our technology is based on the Universal Hardware Platform (UHP). Owing to its unique real-time operating system, one UHP module can combine industry- highest processing power (450 Mbps of aggregate IP traffic, 250,000 packets per second, up to 5 demodulators) with super-compact size, less than 1 lbs weight, 9W power consumption. The UHP module can work as a remote terminal or as a building block of a hub with up 250 TDMA inroutes, supporting up to 500,000 remotes. With its very advanced TDMA protocol (96% efficiency), sophisticated QoS and 65 Mps, best in class modulation and coding, up to 32APSK with 5% roll off, the UHP technology is the optimum choice for next generation HTS satellite networks.

Work Microwave
Satellite booth # 1815
www.work-microwave.com

At SATELLITE 2016, WORK Microwave will showcase the latest advancements to its analog and digital satcom solutions, including a new all-IP DVB-S2X product line. Using WORK Microwave's solutions, satellite operators can dramatically increase flexibility, bandwidth, and margins while reducing their operational costs.

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. WORK Microwave's Satellite Technologies division develops and manufactures high-performance, advanced satellite communications equipment for telecommunications companies, broadcasters, integrators, and government organizations that are operating satellite earth stations, satellite newsgathering vehicles, fly-aways, and other mobile or portable satellite communication solutions.