



■ A guide to key products and services to be showcased at SATCON 2015 in New York City from November 11-12 and Africom 2015 in Cape Town, South Africa from November 17-19.

ABS

SATCON booth # 433, Africom booth # P78
www.absatellite.com



ABS is one of the fastest growing global satellite operators in the world. ABS offers a complete range of tailored solutions including broadcasting, data and telecommunication services to

broadcasters, service providers, enterprises and government organizations. ABS operates a fleet of satellites; ABS-2, ABS-3A, ABS-4/ Mobisat-1, ABS-6 and ABS-7. The satellite fleet covers over 80% of the world's population across the Americas, Africa, Asia Pacific, Europe, the Middle East, CIS and Russia.

ABS-3A at 3°W entered full service on 31st Aug 2015. ABS-3A features 48 C and Ku-band active transponders (96 x 36 MHz equivalent) and is equipped with high performance beams to support the rapidly growing markets in the Americas and Africa as well as the European and Middle East regions. ABS-3A provides expansion capacity to reach markets servicing high-growth data, video, mobility and government applications.

ABS-2A, the second of the pair of 702SP satellites procured from Boeing, is planned to launch in early 2016. ABS plans to add more satellites over the next 2-3 years to its growing fleet.

Advantech Wireless

SATCON booth # 519, Africom booth # TV6
www.advantechwireless.com



SMARTER SOLUTIONS.
GLOBAL REACH.

Advantech
Wireless will be
showcasing at

SATCON its Second Generation of GaN based SSPAs/ BUCs. These GaN based units provide an impressive 60% increase in Linear Transmit Power, while reducing the weight and overall size versus the first generation GaN products. At the same time, the energy efficiency is increased even further, allowing large OPEX savings.

Advantech will also be highlighting its Multi Services VSAT Solution with its **Maximum Satellite bandwidth efficiency and radical CAPEX and OPEX cost-savings:**

- Advantech Wireless Multi Services VSAT Solutions offer superior performance and exceptional spectral efficiency
- Proven record providing turnkey solutions with optimal

capabilities around the world.

Offering best-in-class operational availability for Mission Critical applications, while minimizing operational cost and providing the best total cost of ownership (TCO) available on the market.



Amos Spacecom

Africom booth # E10
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

Africom booth # E12
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.

ATCi
SATCON booth # 803
www.atci.com



ATCi is a custom communications solutions provider specializing in commercial satellite communications systems and services including: the Simulsat multibeam, parabolic antennas, complete uplink systems/services, teleports, cable television headend and plant components, test equipment and input matrix switches, as well as fiber optics components for corporate, broadcast, cable television, government and education.

AvL Technologies
SATCON Booth # 427
www.avltech.com



AvL Technologies' booth at SATCON will showcase one of our newest antennas, the 1.0m Eutelsat KA-SAT type-approved Mobile VSAT with a cowling. The 1.0m antenna easily fits onto the roof of a small vehicle, such as an SUV, and operates in Ku- or Ka-band. The antenna features our proprietary zero-backlash AvL Cable Drive, stows to 13.5", and is operated with AvL's new AAQ controller.

Also on display will be our lightweight, compact and robust Manual FlyAway antennas - 60cm and our new 70cm axi-symmetrical ultra-compact, eight-segment carbon fiber reflector which assembles in five minutes, packable in an airline carry-on IATA-compliant single case. This antenna operates in Ku-, Ka- or X-band.

AvL antennas are the industry benchmark of excellence for SNG, mobile broadband Internet access, Disaster Relief, Oil & Gas Data Backhaul, and Defense & Homeland Security solutions.



C-COM Satellite Systems Inc.
SATCON booth # 711, Africom booth # E8
www.c-comsat.com



C-COM Satellite Systems Inc. is a world leader in the development and manufacture of commercial grade, mobile, auto-acquire antenna systems (iNetVu®) for the delivery of broadband Internet, VoIP and Video services, via Satellite, to any location, no matter how remote. The iNetVu® Comm-on-the-Pause (COTP)

antennas can be mounted on a vehicle (Driveaway), deployed on the ground from easily transportable cases (Flyaway) or as fixed motorized systems (FMA). C-COM is a pioneer in the land-mobile Ka-band COTP revolution currently underway, and is also involved in the design and development of a new generation of Comm-on-the-Move antenna, which will deliver satellite broadband solutions into vehicles while in motion.

More than 7000 C-COM antennas have been deployed in 103 countries around the world in vertical markets such as Oil & Gas Exploration, Military Communications, Disaster Management, SNG, Emergency Communications, Cellular Backhaul, Telemedicine, Mobile Banking, and others. The Company's satellite-based products are known worldwide for their high quality, reliability and cost-effectiveness.

COMTECH EF Data
Africom booth # P77
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
SATCON Meeting Room # 2D10
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 SATCON, Comtech Xicom Technology representatives will be there for SATCOM uplink providers and developers to discuss and obtain technical information on the latest in high-power amplifier designs including the Award-Winning line of rugged antenna-mount and rack-mount SuperPower™ TWTAs that take established millimeter wave designs and scales them for use at Ku-band (<http://www.xicomtech.com/index-superpower-twtas.aspx>).

Comtech Xicom will also be hosting a one-day technology showcase seminar on November 11 at SATCON at Meeting Room 2D10.

Crystal
SATCON booth # 421
www.crystalcc.com

 **CRYSTAL**™ Founded in 1986, **Crystal** designs and delivers network monitoring and management solutions that improve operational efficiency, analyze errors, and enhance system resiliency, particularly for businesses that deal with complex and dispersed distribution pathways. Every day, program and advertising content worth billions of dollars flows through equipment managed by Crystal for leading media, enterprise, and satellite customers -- including Fox, CNN, Disney, and Intelsat. Crystal, a privately held company, is headquartered in Greater Atlanta, GA.

Gazprom Space Systems
Africom booth # MR8
www.gazprom-spacesystems.ru

 **Gazprom Space Systems** (formerly Gascom) is a private commercial, non-governmental satellite operator based in Russia. The main shareholder is Gazprom, one of the largest energy companies in the world. Gazprom Space Systems' orbital fleet consists of four satellites under the Yamal brand. Gazprom Space Systems' ground infrastructure consists of four teleports in the city of Moscow and in the surrounding Moscow region, which are connected to the main telecom backbones by means of fiber-optic lines. The company also has a wide network of earth stations across Russia.

In Russia Gazprom Space Systems is not only a satellite operator but also a service provider and system integrator. Within Russia, along with satellite capacity, it provides satellite services including satellite links, video distribution, Internet access and network development and management.

Globecast
SATCON booth # 439, Africom booth # P97
www.globecast.com

 **Globecast** is a leading-edge content contribution, media management and distribution company. It brings together bespoke management and

monetisation solutions and the most extensive connectivity mix, ensuring that broadcasters and media companies can maximise the value of their content.

Globecast provides a seamless global service with expertise and operational facilities on the ground in London, Paris, Singapore, Los Angeles, Rome, and Johannesburg, with Media Centers – featuring full media management and playout services - in London, Singapore and Los Angeles. Our global approach allows customers to contract once for a turnkey end to end global solution tailored to support their business objectives.

Hunter Communications
SATCON booth # 638
www.huntercomm.net



HUNTER
COMMUNICATIONS

Hunter Communica-
tions was founded in 2002 as a satellite bandwidth and tele-

port provider. We work as an independent agent, working with satellite network service providers, US Government contractors and teleports worldwide, to support them with bandwidth procurement, analysis, and teleport facilities.

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. Hunter Communications, formed in 2001, has been providing global satellite solutions for a wide variety of clients, including the US and foreign governments, energy industry, maritime and aeronautical sectors. The company focuses on bringing together satellite capacity from various space segment providers and the latest ground segment technology to provide innovative satellite communications solutions around the world.

Newtec
SATCON booth # 506, Africom booth # B5
www.newtec.eu



Founded in 1985, **Newtec** is celebrating 30 years of connecting people this year. The global leader in satellite communications equipment and technologies is marking this milestone with 20% growth and new market expansion, including cellular backhaul,

multiservice and High Throughput Satellites (HTS).

Solutions for these, including the Newtec Dialog® multiservice platform, with new patented technology Mx-DMA™ which combines SCPC and MF-TDMA qualities, will be demonstrated at the IBC 2015. Technology for established markets, like broadcast and VSAT, including the new DVB-S2X transmission standard as software-upgrade available will also be showcased.



The Newtec Dialog® platform consists of hub(s) and terminals. The Newtec Dialog Hubs are modular and scalable and can be configured in different sizes to fit the needs of customers. This picture shows the HUB6501 11F and the HUB6504 41F Hub Modules.

Online Business Communications
Africom booth # B10a
www.onlime.com



Onlime is leading the way in providing high quality, secure and reliable business communications to customers across the globe. Onlime provides premium quality VoIP, Internet and data connectivity over VSAT or fibre to enterprise, government, military, oil & gas, mining, banking, NGO and many other customer groups.

With its extensive satellite coverage, across Europe, Africa, the Middle East, Central Asia through the Caribbean and South America, as well as dedicated access to a growing network of fibre links and with a range of the latest technology platforms, wherever an organisation is in the world, Onlime is there to provide an unrivalled communications environment for business.

RSCC
Africom booth # A1
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.

ScheduALL
SATCON booth # 621
www.scheduall.com



ScheduALL, the leading global provider of Enterprise Resource Management (ERM) solutions for media, broadcast and transmission businesses since 1989, will showcase their award-winning self-provisioning scheduling solution, ScheduALL Portal™ at IBC. ScheduALL will also feature their revolutionary end-to-end provisioning solution, ScheduALL Connector™ during the show.

Portal recently won the TV Technology's Best of Show award during NAB 2015. This unique product simplifies making complex bookings of Occasional Use transmission feeds in real-time, directly into a transmission provider's system. Utilizing a browser-based, user-friendly wizard for selling transmission feeds, Portal allows users to quickly make transmission bookings without requiring in-depth network expertise. Meanwhile, behind the scenes, Portal leverages all of the unrivalled power and complexity of ScheduALL's transmission scheduling and conflict resolution.

Walton De-Ice
SATCON booth # 619
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 SATCON.

"New Ka-Band satellite networks in Europe and elsewhere offer huge capacity for 4K and future media services, but the potential signal degradation due to rain, snow, and ice pose new challenges at Ka-Band," says Walton De-Ice's David Walton. "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."

