



■ A guide to key products and services to be showcased at SATCON 2014, New York City from November 12-13, 2014 and Africacom in Cape Town, South Africa from November 11-13, 2014.

ABS

@ SATCON booth # 609 @ Africacom booth # B2
www.absatellite.com



ABS is a young, dynamic and fast growing global satellite operator. 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 six satellites; ABS-1A, ABS 3, ABS-4/Mobisat-1, ABS-6, ABS-7 and the recently launched ABS-2. The satellite fleet covers 80% of the world's population across Africa, Asia Pacific, Europe, the Middle East, CIS and Russia. ABS has also procured two Boeing 702SP satellites (ABS-3A & ABS-2A) planned for launch in late 2014 and 2015 with the options to add more satellites over the next 2-3 years to its growing satellite fleet.

Headquartered in Bermuda, ABS has offices in the United States, Dubai, South Africa, Germany, Philippines, Indonesia, Malaysia, Singapore and Hong Kong. ABS is majority owned by funds managed by the European Private Equity firm Permira. The Permira funds acquired ABS in 2010. For more information, visit www.absatellite.com

Advantech Wireless

@ SATCON booth # 415 @ Africacom booth # 24
www.advantechwireless.com

Advantech Wireless is the leading wireless broadband communications solution provider

for Commercial, Critical Infrastructure & Government and Military clients. Our smarter solutions give clients the freedom reach farther, to achieve reliable connectivity anywhere in the world, and accomplish critical missions of global significance. We design turnkey terrestrial and satellite communications solutions that maximize performance and minimize operational costs, all with uncompromising quality. With our customized approach, award-winning R&D and innovative engineering, we empower you to achieve excellence in communication, while you experience reduced CAPEX and OPEX overall.

The new Sapphire Series of UltraLinear™ GaN technology based SSPAs and BUCs is the ultimate Solution for DTH



SMARTER SOLUTIONS.
GLOBAL REACH.

TV. With considerable reduction in size, weight and energy consumption the new SapphireBlu™ Series of SSPAs and BUCs provide High Power, High reliability and Low intermod distortions. For the first time in the history of Satellite Communications, with this technology it became possible to saturate all transponders of the satellite with a single 13m antenna and a single amplifier per polarization.

Amos Spacecom

@ Africacom 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 2015, 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

@ Africacom 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 and by far the leading satellite services provider in the Arab world, it carries over 450 TV channels, 160 radio stations, 4 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 Middle East and North Africa (MENA) region alone tuned into Arabsat's video "hotspot" at 26° East.

Operating a growing fleet of owned satellites at the 20° East, 26° East, 30.5° East and 39° East positions of the geostationary orbit, ARABSAT is the only satellite operator in the MENA region offering the full spectrum of Broadcast, Telecommunications and Broadband services. This capacity will continue to expand with the launching of new satellites, making the ARABSAT satellites' fleet the youngest in the region.

ATCi
@ SATCON booth # 825
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 # 525
www.avltech.com

AVL Technologies' booth at SATCON 2014 will showcase our newest 2.0m Vehicle-Mount antenna for Military and SNG applications. This robust antenna features an AVL-unique three-piece carbon fiber reflector with motorized folding hinged "wings" for automatic, compact stow width on mid-sized trucks, a high-stiffness azimuth bearing, our proprietary zero-backlash AVL Cable Drive, and a wide boom to allow for larger HPA envelopes. The antenna stows to a remarkable 50cm and is operated with AVL's new AAQ controller.

Also on display will be AVL's new 85cm Ka-band broadband vehicle-mount antenna with a cowl, and our 85cm Ka-band broadband FlyAway antenna. AVL's Ka-band broadband antenna family is noted for its versatile configurations, high reliability and cost-effective "go-to" solutions for mobile accessibility with High Throughput Satellites.

AVL will also show our newest 60cm and 2.4m Manual FlyAway antennas. These antennas are lightweight, compact, portable and robust with carbon fiber reflectors.



AVL's new 2.4m antenna

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

C-COM Satellite Systems Inc.
@ SATCON booth # 619
www.c-comsat.com

C-COM Satellite Systems Inc. is a leader in the development and deployment of commercial grade mobile satellite-based technology for the delivery of two-way high-speed Internet, VoIP and Video services into vehicles.

C-COM has developed a unique proprietary Mobile auto-deploying (iNetVu®) antenna that allows the delivery of high-speed satellite based Internet services into vehicles while stationary

virtually anywhere where one can drive. The iNetVu® Mobile antennas have also been adapted to be airline checkable and easily transportable.



C-COM Satellite Systems will be displaying the Next Generation, one-button auto-acquire antennas at IBC 2014. The iNetVu® FLY-98G Flyaway Antenna is a 98 cm satellite antenna system which is a highly portable, self-pointing, auto-acquire unit that is configurable with the iNetVu® 7710 Controller providing fast satellite acquisition within minutes, anytime anywhere. It can be assembled in 10 minutes by one person. The antenna is convertible from Ka- to Ku-band, and vice versa.

Crystal Solutions
@ SATCON booth # 322
www.crystalcc.com

Crystal Solutions, a leading provider of Intelligent Control™ for Network Management Systems and Spectrum Monitoring Solutions, announces it will demonstrate its new Video Metadata Analyzer (VMA) at SATCON.

Crystal Solutions' VMA ensures metadata accuracy by capturing and logging video metadata, such as SCTE 104 and SCTE 35 messages, along the transmission path. VMA checks for the presence of metadata, assures it is properly formatted, and presents the analysis and details in human readable format. When issues are detected, the operator is alerted through multiple means.

Gazprom Space Systems
@ Africom booth # P74
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 # 719 @ Africom booth # P83
www.globecast.com

At SATCON and Africom **Globecast** is introducing a single unique workflow to deliver all content preparation services, including playout, VoD preparation, content formatting and creative services. The workflow will allow Globecast to more efficiently support broadcasters, enabling them to manage and localise content for individual territories.

In addition to its worldwide presence in 15 countries, the Globecast's Media Factories - in Paris, London, Singapore and Los Angeles - will leverage the company's proven expertise in handling both linear broadcast and on-demand services. The Media Factory approach delivers dedicated operations management in close cooperation with clients and goes beyond traditional media management, logistics and playout services.

Globecomm Systems
@ SATCON booth # 625
www.globecomm.com

Globecomm, is a leading global provider of managed network communication solutions. Employing our expertise in emerging communication technologies we are able to offer a comprehensive suite of system integration, system

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products, and network services enabling a complete end-to-end solution for our customers. We believe our integrated approach of in-house design and engineering expertise combined with a world-class global network and our 24 by 7 network operating centers provides us a unique competitive advantage. We are now taking this value proposition to selective vertical markets, including government, wireless, media, enterprise, and maritime. As a network solution provider we leverage our global network to provide customers managed access services to the United States Internet backbone, video content, the public switched telephone network or their corporate headquarters, or government offices. We currently have customers for which we are providing such services in the United States, Europe, South America, Africa, the Middle East, and Asia.

Hunter Communications
@ SATCON booth # 532
www.huntercomm.net

Hunter Communications was founded in 2002 as a satellite bandwidth and teleport provider. We work as an independent agent, working with satellite network service providers, US Gov't contractors and teleports worldwide, to support them with bandwidth procurement, analysis, and teleport facilities.

ND SatCom
@ SATCON booth # 534
www.ndsatcom.com

With three decades of experience, **ND SatCom** has become the premier supplier of innovative satcom systems to support customers with critical operations anywhere in the world.

At SATCON, ND SatCom will be highlighting its new SKYWAN 5G product. The SKYWAN modem family is 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 de-



vice is needed for all roles in the network. This saves costs in terms of logistics, certifications, network configuration and maintenance. 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.

Newtec
@ SATCON booth # 416 @ Africom B5
www.newtec.eu

Newtec will be showcasing at SATCON its new Dialog® platform. Dialog® is a new scalable, flexible and bandwidth efficient multiservice platform allowing operators to build and adapt their infrastructure easily as their business and the satellite market grows and changes.

Newtec Dialog gives operators the power to offer a variety of service on a single platform while assuring the most optimal modulation and bandwidth allocation. In addition to supporting SCPC or MF-TDMA, it now includes a third revolutionary patented return link technology called Mx-DMA™. Together with the new HighResCoding™, it combines the best of both worlds and enables services to run more efficiently than ever before over satellite.



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.

RF-Design
@ Africom send e-mail to: o.vogel@rf-design-online.de to arrange a meeting
www.rf-design-online.de

RF-Design with headquarters in Lorsch, Germany is success fully developing, manufacturing and marketing professional and high-quality RF-distribution solutions for the international Satellite, Broadcast and Broadband communications industry. Our extensive product portfolio includes LNB supply/control solution, Splitters, Combiners, Switches, Redundancy Switches, L-Band Switch/Routing Matrix systems, RF Line-Amplifiers, RF-over-Fiber solutions and Broadband Remote Spectrum-Analyzers.

Furthermore our company and team is well recognized for developing and providing custom-made products and solutions tailored to your individual needs and applications.



All our products are manufactured, tested & approved in our own facilities in Lorsch, Germany and characterized by superior quality, reliability and excellent performance while they are in operation with major Teleports, Satellite Earth-Stations as well as Broadcasting and Broadband facilities around the globe.

Meet us @ AfricaCom 2014 and we look forward to talking about your individual RF equipment needs. Just contact us to arrange a personal meeting (**Phone:** +49 361 7896 2340, **E-mail:** o.vogel@rf-design-online.de).

ScheduALL
@ SATCON booth # 429
www.scheduall.com

ScheduALL, the leading global provider of Enterprise Resource Management (ERM) software for the transmission and broadcast industries, will showcase ScheduALL Connector™ and ScheduALL Portal™, their self-provisioned booking technologies, at SATCON. Our self-provisioning systems streamline transmission companies' increasingly complex workflows while eliminating manual processing and human error.

ScheduALL Connector™ unites ScheduALL systems across enterprises and supply chains, giving customers real-time access to their providers' resource inventories for self-provisioned bookings. By unifying companies in a global business network, Connector eliminates manual booking, duplicate efforts, miscommunications and reservation conflicts from the booking procedure.

ScheduALL Portal™ is a simple web-based wizard for making Occasional Use bookings, in real-time, directly into a transmission provider's system - while the unrivaled power and complexity of ScheduALL's transmission scheduling and conflict resolution works behind the scenes.

Walton De-Ice
@ SATCON booth # 317
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 latest Ka-Band satellite ESA weather protection solutions, **Ice Quake**, **Rain Quake**, and **Snow Shield** during SATCON 2014.

"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."

