Products and Services Market*Place*

■ **A guide to key products and services to be showcased at CommunicAsia 2014, Marina Bay Sands Convention Center, Singapore from June 17-20, 2014.**

ABS
Level 1 booth # 1R3-01
www.absatellite.net

At CommunicAsia 2014, **ABS** will be showcasing its newly launched satellite ABS-2. ABS-2 is a commercial communication satellite built by Space Systems/Loral (SSL). Weighing more than 6,000 Kilograms, the satellite uses two 5-panel solar arrays to deliver more than 15kW of power.

ABS-2 is a highly sophisticated multi-mission satellite, equipped with a communication payload of 32 C, 51 Ku and 6 Ka-band transponders (a total of 89 active transponders) across 10 different beams

ABS-2 brings unparalleled coverage and expansion capacity at ABS' prime location of 75 degrees East. ABS-2 offers a range of services including direct-to-home and cable television distribution, VSAT services, data networks, and telecommunications services for commercial and government customers as well as military applications.

ABS-2 covers Eastern and Central Europe, Africa, the Middle East, Asia Pacific, Russia and the CIS countries and has an operational life for at least 15 years.

Advantech Wireless
Level 1 booth # 1U1-07
www.advantechwireless.com

At CommunicAsia 2014, **Advantech Wireless** will present details of its powerful and award winning – Teleport Technology of the year – Broadcast Solution: GaN SSPAs & Multicarrier modulator MSBM-500. At the Advantech Wireless booth no. 1U1-07, visitors will find Advantech Wireless' leading-technologies, delivering best performance to achieve best ROI in the market.

Advantech Wireless' Sapphire-Blu™ Series of UltraLinear™ GaN based High Power Amplifiers and BUCs are the ultimate solution for

600W Ku-Band Gan Sapphire Blu

DTH TV. The new multicarrier broadcast modulator MSBM-500 from Advantech Wireless offers the perfect digital broadcast match for the GaN SSPA technology. One multicarrier modulator, IP input, up to 16 carriers output, and one high linearity GaN SSPA/SSPB offers the most efficient and powerful solution for broadcast uplinks.

A-SAT™ is beyond dual mode DVB-RCS/TDMA-SCPC, it monitors channel utilization and switches the satellite access method and MODCOD seamlessly for the return channel to dynamically maximize the space segment utilization efficiency. Additionally, by having TDMA and true SCPC technologies in a single platform, the switch between traffic patterns is efficiently supported and all risks of equipment obsolescence are mitigated.

To set up a meeting with one of Advantech Wireless' experts please visit: www.advantechwireless.com/meeting-request

Amos Spacecom
Level 1 booth # 1V3-01
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.

AVL Technologies
Level 1 booth # 1N1-01
www.avltech.com

AvL Technologies' booth at CommunicAsia 2014 will showcase our newest 1.2m Ku-band Vehicle-Mount antenna for SNG applications. This robust antenna features an AvL carbon fiber reflector, a high-stiffness azimuth bearing, and our proprietary zero-backlash AvL Cable Drive. The antenna stows to 16.8" (42.7 cm).

AvL will also show its newest 60cm Manual FlyAway an-

tenna. This versatile antenna is lightweight, compact, portable and robust with a segmented carbon fiber reflector. Packed in a rugged nylon case, the antenna is compact enough to pack into a backpack and carry onto a commercial flight.

Also on display will be AvL's new 1.0m Mobile VSAT FlyAway antenna. This antenna packs into two cases, operates in Ku- or Ka-band, and is also available with an 85cm or 1.2m reflector.

AVL's new 1.2m Ku-band vehicle-mount 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.
Level 1 booth # 1Q4-12
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. The company's satellite-based products and services deliver high-quality, cost-effective solutions for both fixed and mobile applications throughout the world.

Cobham SATCOM Land
Level 1 booth # 1N2-07
www.cobham.com/satcom

Cobham SATCOM is an official launch partner for Inmarsat Global Xpress® (GX), and several EXPLORER products are being developed specifically for operation on the GX net-

work. Products include the EXPLORER 3075GX, which is a 0.75m Electronic Assisted Manual Point Fly-Away terminal; the EXPLORER 5075GX 0.75m Auto-Acquire Fly-Away terminal; and the EXPLORER 7100GX 1.0m Auto-Acquire Drive-Away terminal.

Regardless of the application, Cobham's suite of GX EXPLORER terminals provide the reliability

Cobham's EXPLORER 5075GX

and functionality required to effectively connect users to the GX network for mobile and vehicular use across diverse sectors including Government, Emergency Response, Law Enforcement, Media Broadcasting, Transportation, Enterprise, Energy and Mining.

Comtech Xicom Technology
Level 1 booth # 1T2-07
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. Xicom is showcasing a number of products including many of the new "Green Powered By Xicom Technology" designed amplifiers focusing on user cost savings including lower power consumption, reduced fuel and charging requirements.

Xicom representatives will be available for SATCOM providers and developers to discuss and obtain technical information on these and many additional amplifier products at the Comtech Xicom Technology Booth # 1T2-07, during CommunicAsia2014.

Gazprom Space Systems
Level 1 booth # 1Y-07
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
Level 3 Hospitality Suite Begonia 3110
www.globecast.com

Globecast is a leading-edge content processing and distribution company. Globecast uses the best of satellite, Content Distribution Networks, dedicated fiber and public Internet to make sure that broadcasters' and media companies' content is where it should be when it should be, correctly packaged and formatted. Globecast provides tailored solutions for content providers of all shapes and sizes, creating the technical foundations that power monetization. The company provides multiplatform, multi-device services using its years of experience and business acumen to create the perfect packages for its customers.

Globecomm Systems
Level 1 booth # 1N1-07
www.globecomm.com

At CommunicAsia, **Globecomm** will be highlighting its Access Connectivity Services. When you are looking for connectivity, you need global reach, high quality and the ability to delivery data, video and voice anywhere under almost any conditions. To meet that need, Globecomm Global Network which consist of satellite and fiber connectivity, offers a wide range of services for voice, data, Internet and video that leverage our global transmission capacity and our network of data center, content management and switching facilities. Globecomm's Access services include:

Access Plus, a suite of transmission and network services for secure IP connectivity, VOIP and data communications worldwide.

Access Maritime which offers ship owners, ship managers, officers and crew a single, powerful, cost-effective platform for communications worldwide.

Access Video, a complete video transmission solution supporting live broadcast-quality video contribution and distribution as well as file distribution and videoconferencing.

ND SatCom
Level 1 booth # 1T4-07
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 CommunicAsia, 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 device 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
Level 1 booth # 1P2-01
www.newtec.eu

Newtec will be showcasing at CommunicAsia 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 band-

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 1IF and the HUB6504 4IF Hub Modules.

width 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.

RF-Design
Level1 booth # 1K3-03 (@ the German Pavillion)
www.rf-design-online.de

RF-Design with headquarters in Lorsch, Germany is successfully developing, manufacturing and marketing professional and high-quality RF-distribution solutions for the international Satellite, Broadcast and Broadband communications industry. Our 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, Satel-

RF-Design´s new "FlexLink K4 Switch-Matrix" and "RLA270L 1:1 redundant Line-Amplifier"

lite Earth-Stations as well as Broadcasting and Broadband facilities around the globe.

At CommunicAsia 2014 RF-Design will showcase our new products such as the **"FlexLink K4 Switch-Matrix"**, **"RLA270L Line-Amplifier", "SA3B Broadband Remote Spectrum-Analyzer"** and **"FiberLink RF-over Fiber Solutions"**. We look very much forward to welcoming you at our stand and to talking about your individual RF-distribution needs.

ScheduALL
Level 1 booth # 1R3-09
www.scheduall.com

ScheduALL, which for twenty-five years has remained at the forefront of resource management software for the media and broadcast industries, will showcase its connectivity platform, ScheduALL Connector™ at CommunicAsia 2014. ScheduALL Connector™ enables global trading and selling across the broadcast and transmission industries, and boosts resource and inventory sharing within enterprises.

The company will also highlight their new self-provisioning booking portal. Utilizing a web-based interface, the booking portal allows customers to book transmission feeds in real-time through a provider's ScheduALL system.

To schedule a demonstration and learn how ScheduALL's industry-changing smart technology can meet the unique challenges of your organization, contact events@scheduall.com

THAICOM
Level 1 booth # 1P2-07
www.thaicom.net

THAICOM is one of Asia Pacific's leading satellite operators, providing end-to-end broadcast and media, as well as broadband and data services to DTH operators, TV broadcasters, ISPs and telcos across the region. THAICOM's satellites include Thaicom 4 (IPSTAR), Thaicom 5, and Thaicom 6, with Thaicom 7 being scheduled for launch by mid-2014.

Work Microwave
Level 1 booth # 1V2-07
www.work-microwave.de

WORK Microwave's extensive range of satellite communications technologies are designed to optimize bandwidth, improve signal quality, and reduce operating expenses. Key product highlights include:

DVB-S2 Broadcast Modulator
Powered by a combination of video and IP technologies, WORK Microwave's DVB-S2 Broadcast Modulator provides operators with the ideal solution for IP network links and TV contribution. Innovative features include DVB-S2 multistream, TSoIP, and wideband (up to 80Mbaud), and carrier ID support.

In addition, the DVB-S2 Broadcast Modulator platform supports next-generation DVB-S2 extensions, providing operators with a future-proof solution.

DVB-S2 IP-Modem SK-IP
WORK Microwave's DVB-S2 IP-Modem SK-IP harnesses XipLink traffic shaping and WORK Microwave OptiACM functionalities to optimize throughput and increase network bandwidth for service providers, corporate networks, and telcos.