



■ A guide to key products and services to be showcased at CommunicAsia 2015 at the Marina Bay Sands Convention Center in Singapore from June 2-5, 2015.

**ABS**  
booth # 1R3-01  
[www.absatellite.com](http://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-3, ABS-4/Mobisat-1, ABS-6, ABS-7 and the recently launched ABS-3A. 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 is currently in an extended orbit-raising phase to geostationary position at 3°W. It is equipped with 48 x 72 MHz C & Ku-band transponders and will offer expanded communications and broadcast capacity connecting the Americas, Europe, the Middle East, Africa, and the North Atlantic Ocean.

ABS-2A, the second of the pair of 702SP satellites procured from Boeing, is planned to launch in late 2015. ABS plans to add more satellites over the next 2-3 years to its growing fleet.

**Advantech Wireless**  
booth #1U1-07  
[www.advantechwireless.com](http://www.advantechwireless.com)

Advantech Wireless is the leading wireless broadband



SMARTER SOLUTIONS,  
GLOBAL REACH.

communications solution provider

for Commercial, Critical Infrastructure & Government and Military clients. 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 company's products include World-leading GaN technology based High Power Amplifiers, SSPAs, BUCs, Next Generation VSAT Hubs and Terminals, Microwave Radios, Antennas and Controllers, Frequency Converters, Routers, Satellite Modems and Ruggedized Products.



Advantech Wireless was awarded the Vision Award for "Most Promising Company of the Year 2014." The Vision Award recognizes the company that has experienced substantial growth in the market while demonstrating long-term viability of their enterprise.

**AVL Technologies**  
booth # 1N1-01  
[www.avltech.com](http://www.avltech.com)



AvL Technologies' booth at CommunicAsia 2015 will showcase a new 1.0m vehicle

-mount Mobile VSAT antenna with a cowling. The 1.0m antenna will easily fit 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 34cm (13.5"), and is operated with AvL's new AAQ controller.

AvL will also show our newest 60cm and 2.4m Manual Fly-Away antennas. These antennas are lightweight, compact, portable and robust with carbon fiber reflectors. The 60cm antenna weighs less than 15 kg when packed, and packs into a small backpack that can be carried onto a commercial flight. The 2.4m antenna assembles in 15 minutes, weighs 108 kg when assembled, operates in Ku-, Ka-, C- or X-band, packs easily into four rugged cases, and can be air-freighted.



**AVL's 60cm Manual K, Ka or X-Band antenna with Carry-on Backpack**

The case-based version of our 9066 FlyAway antenna will also be displayed. This high-volume production antenna has

been used worldwide by broadcasters and militaries because of its reliability, ruggedness and high-performance.

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.**  
**booth 1Q4-12 at the US Pavilion**  
[www.c-comsat.com](http://www.c-comsat.com)

**C-COM Satellite Systems Inc.** develops commercial grade mobile satellite-based technology for the delivery of two-way high-speed Internet, VoIP and Video services into vehicles in remote areas.

The iNetVu® VSAT's have been adapted to be airline checkable and easily transportable for crucial access to communications. C-COM's broadband satellite-based products and services deliver high-quality, cost-effective solutions for both fixed and mobile applications throughout the world such as Broadcasting, SNG, Oil and Gas, Exploration, Military Communications, Disaster Management, Emergency Communications Backup, Cellular Backhaul and many others.



**C-COM 's Ka-75V antenna**

Come visit C-COM's booth at CommunicAsia featuring the iNetVu® FLY-981 and Ka-75V Driveaway and discover the iNetVu 981 Driveaway, FLY-75V and ACFLY-1200. Both the 75cm ka-band driveaway and flyaway antennas are "Authorized for use on ViaSat Exede® Enterprise and on KA-SAT News Spotter News Gathering service by Eutelsat."

**COMTECH EF Data**  
**Booth #1T2-07**  
[www.comtechefdata.com](http://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, modu-

lation, 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.

At CommunicAsia, Comtech EF Data will be showcasing its new Heights™ Networking Platform which leverages our industry-leading horsepower, efficiency and intelligence to enable differentiation of your services today while preparing you to unleash the power of the new spacecraft designs of tomorrow.



Designed with the service provider in mind, Heights is a scalable and flexible networking platform that meets the evolving demands of a diverse end user community. The most net efficient and powerful platform in the industry, Heights leverages a single comprehensive user interface teamed with a powerful traffic analytics engine that allows you to easily design, implement, monitor, control and optimize your network. The result is an elevated Quality of Experience (QoE) for your users. Equipped to support the most demanding networks on traditional wide beams and/or new High Throughput Satellite (HTS) spot beams, Heights enables you to increase market share and grow revenues while controlling costs.

**COMTECH Xicom Technology**  
**Booth #1T2-07**  
[www.xicomtech.com](http://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 CommunicAsia 2015, Comtech Xicom will be showcasing its new SuperPower TWTAs with radically improved efficiency that will help you achieve your savings goals. Comtech Xicom's new high-efficiency, high-power TWTA technology doubles available output power and makes our new SuperPower™ TWTAs the first true Klystron replacement.

Advanced space tube technology applied to amplifiers for fixed satellite communications uplinks changes the equation on power, efficiency and reliability. With the highest power and longest warranty ever offered in outdoor antenna-mount and indoor rackmount TWTAs, Comtech Xicom's



**Comtech Xicom's new Superpower TWT**

SuperPower™ 2 kW Ku-band and 1.5 kW DBS-band TWTAs are revolutionizing satcom uplinks and opening up new possibilities in ground stations around the world. These amplifiers dramatically reduce the space, weight, power consumption, thermal load, and cost of high power for uplinks.

**Gazprom Space Systems**  
Booth #1Y1-07

[www.gazprom-spacesystems.ru](http://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.

**INTEGRASYS**  
Booth #1P6-03

[www.integrasys-sa.com](http://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 CommunicAsia 2015, Integrasys will be showcasing its Satmotion 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.



**Newtec**  
booth #1P2-01  
[www.newtec.eu](http://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 CommunicAsia 2015. Technology for established markets, like broadcast and VSAT, including the new DVB-S2X transmission standard as software-upgrade available will also be showcased.



Newtec will also be introducing its new multi-carrier gateway, the Newtec MCX7000 – bringing **increased bandwidth efficiency of up to 51%** for distribution to transmission towers and head-ends, in addition to OPEX and CAPEX savings.

**ND SatCom**  
Booth #1U2-03  
[www.ndsatcom.com](http://www.ndsatcom.com)

**ND SatCom** will be officially launching the SKYWAN 5G at the CommunicAsia in Singapore on June 2<sup>nd</sup>. ND SatCom's SKYWAN 5G will transform the way communication networks are created and behave by converging VSAT & comprehensive IT capabilities into ONE single hardware device. SKYWAN 5G enables the most flexible, scalable and reliable VSAT networks in history. The all-in-ONE unit fits all topolo-

gies, plays any network role, like hub, remote or integrated in Manpaks or Fly-Aways, and allows stacking of units to further boost performance of the network. Never before has a ONE rack unit VSAT hub been so powerful!



SKYWAN 5G includes an MF-TDMA modem with integrated DVB-S2 receiver and is capable of achieving significant data rates. Designed as an all-in-ONE device with high network redundancy and a wide range of IP support, the ONE device allows data to be transmitted in single-hop directly from their origin to their destination, thereby avoiding double hops and extra delays. Bandwidth is dynamically allocated as required, which brings substantial savings on satellite capacity cost.

No matter if a star, multistar, hybrid or full mesh network is needed, the unique hardware design of SKYWAN 5G reliably fits all topologies within the VSAT world. Following the approach of a single hardware unit for all purposes, each SKYWAN 5G has the full functionality on board. ONE small hardware for all network roles simplifies logistics and customs' handling and unprecedented scalability enables the gradual growth of the network.

"We are very proud to present the new member of the SKYWAN Family, the SKYWAN 5G, at the CommunicAsia. We are certain that this platform will become a game-changer in the VSAT market thanks to its powerful performance, yet extremely compact design. We invite everyone to stop by at our booth and have a look at its extraordinary capabilities", says ND SatCom's CEO, Andreas Bernhardt.

The official presentation of the SKYWAN 5G will take place on June 2<sup>nd</sup> at 12 o'clock on ND SatCom's booth **1U2-03**. Everyone is cordially invited to attend the festive launch of "The ONE – Mastermind of Satcom Networks."

For more information go to: [www.skywan5g.com](http://www.skywan5g.com)

### RF-Design

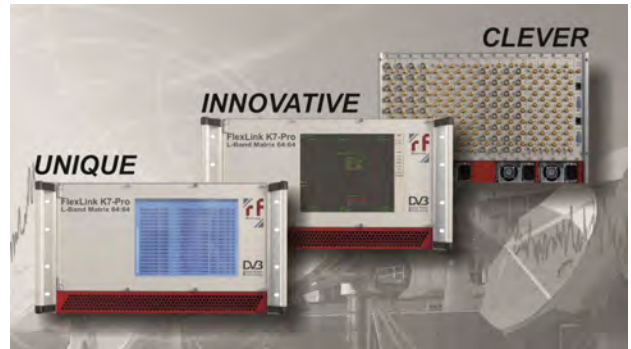
**Booth #1L3-03 at the German Pavilion**  
[www.rf-design-online.de](http://www.rf-design-online.de)

RF-Design specializes in developing, manufacturing and marketing high quality RF-distribution solutions for the Satellite, Broadcast and Broadband communication industry. Our product range includes LNB-supply/control systems, Switch/Routing Matrices, RF-over-Fiber solutions, Splitters/Combiners, Switches/



Redundancy-Switches, Line-Amplifiers and Signal-Quality Analyzers (RF & DVB monitoring), especially designed for applications in Teleports, Satellite Earth-Stations as well as for Broadcast- and Broadband RF-distribution infrastructures.

We also have strong capabilities to design custom-made RF-distribution solutions for your individual needs. All our products are designed, manufactured, tested and approved in our own facilities in Lorsch/Germany and characterized



by high quality, reliability and superior RF performance.

At CommunicAsia 2015 we will demonstrate our new unique, innovative and clever L-Band Switch Matrix system "FlexLink-K7-Pro", the new Signal Quality Analyzer "SQA-16" for RF and DVB monitoring as well as our new outdoor RF-over-Fiber system "FiberLink ODA". We look very much forward to welcoming you at our stand and to discussing your individual RF-distribution requirements.

**RSCC**  
**booth #1V1-07**  
[www.rsc.ru](http://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**  
**Booth #1R3-09**  
[www.scheduall.com](http://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 the CommunicAsia 2015 Show. 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.

Connector takes advantage of ScheduALL's large global community of transmission inventory consumers and pro-

viders across more than 50 countries that use the ScheduALL system to manage their feeds. Connector provides a direct link between OU providers and their customers, uniting ScheduALL systems across global trading partners.

**SES**  
**Booth #1R2-01**  
[www.ses.com](http://www.ses.com)

**SES** is the world-leading satellite operator with a fleet of more than 50 geostationary satellites. The company provides satellite communications services to broadcasters, content and internet service providers, mobile and fixed network operators and business and governmental organizations worldwide.

SES stands for long-lasting business relationships, high-quality service and excellence in the satellite industry. The culturally diverse regional teams of SES are located around the globe and work closely with customers to meet their specific satellite bandwidth and service requirements. SES holds a participation in O3b Networks, a next generation satellite network combining the reach of satellite with the speed of fiber.



## SUPERPOWER TWTAS™

# What will you do with the extra space?

When you replace your Klystrons

NEW Xicom SuperPower™ TWT amplifiers with radically improved efficiency will achieve your savings goals!

- 2 kW Ku-Band and 1.5 kW DBS-Band
- Up to 80% Lower Power Consumption vs Klystrons
- Single Amplifier with Multiple Channels
- Saves Complex Multi-Amp Configurations
- No Tuner Required



2 kW Ku-Band  
1.5 kW DBS-Band



2 kW Ku-Band  
1.5 kW DBS-Band



Amplifier Quality & Reliability Since 1991

3550 Bassett Street, Santa Clara, CA 95054 USA • Phone: +1-408-213-3000 • e-mail: sales@xicomtech.com  
[www.xicomtech.com](http://www.xicomtech.com)

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See us at Booth 1T2-07