



# Products and Services MarketPlace

A guide to key products and services to be showcased at CommunicAsia 2017 in Singapore from May 23-25, 2017.

## ABS

booth # 1R3-01

[www.absatellite.com](http://www.absatellite.com)



ABS operates a global fleet of satellites including ABS-2A at 75 °East the latest addition to the satellite fleet. ABS provides capacity to support video and television distribution, cellular backhaul, broadband trunking and maritime connectivity. Its extensive teleport network provides comprehensive coverage to 93% of the world's population including Africa, Middle East, Asia Pacific, Russia/CIS and the Americas. ABS has strategic alliances and partnerships with state-of-the-art communication hubs to deliver the best possible satellite solutions.

## Advantech Wireless

booth # 1H2-01

[www.advantechwireless.com](http://www.advantechwireless.com)



Advantech  
Wireless

SMARTER SOLUTIONS,  
GLOBAL REACH.

### 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 broadcasters. 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.

Learn more about our World Leading SATCOM GaN based SSPAs/BUCs, Second Generation ASAT II™ Multi-service VSAT System, New WaveSwitch™ SATCOM Waveform Switching Technology, Broadcasting Datalink Solution, Antennas and Microwave Radios.

## AQYR

booth # 1Q2-11

[www.aqyrtech.com](http://www.aqyrtech.com)



AQYR is a land terminal provider of Tactical SATCOM Solutions, used by Military & Defense, Public Sector, Foreign Governments, Commercial & Enterprise markets. AQYR designs and manufactures highly portable GBS and 2-way Ku/Ka-band full auto-acquisition, single case portable ground terminals. These intuitive, patented, auto-acquire terminals are developed

from our 14 years' experience as the Tactical SATCOM Systems Provider.

## AvL Technologies

booth # 1N1-01

[www.avltech.com](http://www.avltech.com)



At CommunicAsia 2017, AvL Technologies will showcase The Family of Integrated Terminals (FIT), AvL's newest line-up of flyaway antenna systems. These antennas are designed to accommodate current and future modem, RF and satellite frequency options. On display in our booth will be two aperture sizes – a 1.35m and a 0.98m. This new line of user-configurable, IATA checkable and carry-on satellite terminals are ultra-compact, ultra-lightweight, ultra-high performance fully integrated systems, upgradeable from the baseline manual-point configuration to a motorized, auto-acquisition platform.

Featured in our booth will be a 1.2m O3b MEO tracking Ka-Band antenna. The antenna offers the power of O3b's high throughput, low latency connectivity in a compact, easily transportable and rapidly deployable design. The antennas operate in tandem pairs (same size) with make-before-break communications.

We also will have our 85cm auto-deploy flyaway fully-integrated solution that packs into two airline checkable rugged cases, loaded with features including multiple modem choices, and mission-configurable weatherproof electronics enclosure with the latest power efficiency technology. Additionally we will have a 1.2m SNG motorized vehicle-mount Ka-Band antenna with a swappable Ku-Band feed displayed in our booth.



AvL 1.35M Fully Integrated Terminal (FIT)

## C-COM Satellite Systems Inc.

booth # 1Q4-14, BG2-07

[www.c-comsat.com](http://www.c-comsat.com)



Be sure to stop by C-COM's booth at CommunicAsia Singapore to see the new iNetVu Ku-band Manpack system. This 80cm or 1M backpack portable antenna can be set-up in less than 10 minutes and is available either as an auto-deploy or manual point solution. C-COM

will also display our Next Generation 98cm Driveaway and Flyaway Ku-band antennas, both of which are field upgradeable to Ka-band.

The iNetVu<sup>®</sup> 981 Drive-Away Antenna is a 98 cm Ku-band/X-band auto-acquire satellite antenna system which can be mounted on the roof of a vehicle for Broadband Internet Access over any configured satellite. The system works seamlessly with the iNetVu<sup>®</sup> 7024C Controller providing fast satellite acquisition within minutes, anytime anywhere. Field upgradeable to Ka-band.



Visit the booth to view demos of our growing product line and learn more about C-COM's progress in the design and development of a new generation Ka-band and Ku-Band COTM (Comm-on-the-Move) antenna, which will deliver satellite broadband solutions into vehicles while in motion.

**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, 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).

Stop by the Comtech booth #1T2-07 and ask us about Heights Dynamic Network Access (H-DNA). H-DNA is an evolution in satellite access technologies. We welcome the chance to share how this new technology:

- Rapidly adapts to changing environments
- Delivers superior efficiency & quality of experience
- Instantly assigns capacity based on network-wide demand
- Intelligently utilizes total network bandwidth at all times

H-DNA is fast, flexible and uncompromising, delivering unprecedented benefits to users and service providers alike. Ask us for more information.

**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.

Comtech Xicom Technology will be showcasing its SuperCool<sup>™</sup> 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 baseplate, 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.

**Gazprom Space Systems**  
booth # 1U2-01  
[www.gazprom-spacesystems.ru](http://www.gazprom-spacesystems.ru)



**Gazprom Space Systems (GSS)** – one of two Russian national satellite operators which holds 30% of the satellite capacity market in Russia.

At IBC2016 GSS presents new opportunities of its space telecommunications system based on four satellites: Yamal-202 (49E), Yamal-402 (55E), Yamal-401 (90E), and Yamal-300K (183E). 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.

**INTEGRASYS**  
booth # 1U2-10  
[www.integrasys-space.com](http://www.integrasys-space.com)



INTEGRASYS is the satellite carrier monitoring technology leader for telecommunication and broadband Markets. INTEGRASYS is highly specialized on Carrier Signal Monitoring, Interference Detection and VSAT autocommissioning systems and SNGs. 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.

**ND Satcom**  
booth # 1V1-01  
[www.ndsatcom.com](http://www.ndsatcom.com)

At CommunicAsia, **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.



**Newtec**  
booth # 1P2-01  
[www.newtec.eu](http://www.newtec.eu)

**Newtec**, a specialist in designing, developing and manufacturing equipment and technologies for satellite communications, will be showcasing at the NAB its most advanced VSAT modem to date – the



first on the market to support wideband DVB-S2X, the **Newtec MDM5000 Satellite Modem**. 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.

**RF-Design**  
booth # 1L2-10 (German Pavillion)  
[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 international satellite, broadcast and broadband communica-

tions market. Our product range includes a wide range of **Switch Matrix systems, 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 CommunicAsia 2017 we will demonstrate our unique, innovative and clever Switch Matrix systems "**FlexLink-K7-Pro**", our RF-over-Fiber system "**RedLink+ FLCrplus**" allowing N+1 and N+2 redundant optical transmission as well as our new "**LSEL/LCEL EcoLine low-cost type Splitters/Combiners**". Join us at our booth and we look forward to welcoming you and to talking about your individual RF equipment requirements.

**Terrasat Communications, Inc.**  
booth # 1Q2-12  
[www.terrasatinc.com](http://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.

**Work Microwave**  
booth # 1V2-07  
[www.work-microwave.com](http://www.work-microwave.com)



At CommunicAsia 2017, **WORK Microwave** will demonstrate how satellite operators in the Asia-Pacific region can dramatically increase flexibility, bandwidth, and margins while reducing their operational costs by using its portfolio of analog and digital satcom solutions. The latest innovations on display include one of the world's first end-to-end solutions for DVB-S2X wideband transmission and reception.

**WORK Microwave** devices are 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.