Products and Services MarketPlace

A guide to key products and services to be showcased at CABSAT in Dubai, UAE from January 14-16, 2018.

ABS
Booth # ZB2-C40
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-2A, ABS-3A, ABS-4/Mobisat-1, ABS-6, and ABS-7. The satellite fleet covers over 93% of the world's population across the Americas, Africa, Asia Pacific, Europe, the Middle East, CIS and Russia.

Headquartered in Bermuda, ABS has offices in the United States, United Arab Emirates, South Africa and Asia. ABS is majority owned by funds managed by the European Private Equity firm Permira.

Arabsat
Booth # ZB2-A20
www.arabsat.com

Founded in 1976 by the 21 member-states of the Arab League, **Arabsat** has been serving the growing needs of the Arab world for over 40 years, operating from its headquarter in Riyadh-KSA and two Satellite control stations in Riyadh and Tunis. Now one of the world's top satellite operators and by far the leading satellite services provider in the Arab world, it carries over 500 TV channels, 200 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 Middle East and North Africa (MENA) region alone tuned into Arabsat's video "hotspot" at 26°E.

C-COM Satellite Systems Inc.
Booth # Z1-109
www.c-comsat.com

At CABSAT, **C-COM Satellite Systems** will be exhibiting its fully motorized iNetVu® FLY-981 (Ku-band Flyaway) and iNetVu® Ka-98H/Jup (Ka-band Driveaway) at CABSAT booth Z1-109. Robust and highly advanced, these auto-deploy antennas allow the user to transmit and receive Broadband Internet via satellite with just the press of a button.

The iNetVu® systems are used worldwide in many critical applications like broadcasting, oil & gas exploration, emergency response & disaster recovery.

This year marks C-COM's 20th Anniversary!

C-COM Satellite Systems is a world leading designer and manufacturer of Comm-on-the-Pause (COTP) mobile antennas (iNetVu®). With 8,000 systems sold in over 100 countries, the company is considered a world leader and pioneer. C-COM is also currently nearing production of mechanically steerable, Ka-band Comm-on-the-Move (COTM) mobile antennas. The company is also in early stage development of a unique, electronically steerable Ka-band flat panel antenna system that is modular, conforming and low cost.

COMTECH Xicom Technology
Booth # ZB1-C35
www.xicomtech.com

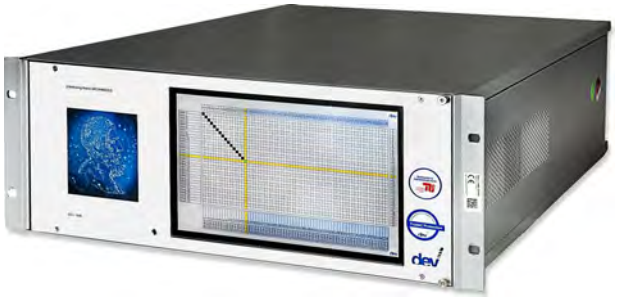
Comtech Xicom Technology provides a broad product line of KPAs, TWTAs, SSPAs and BUCs for worldwide satellite uplink covering C-, X-, Ku-, DBS-, Ka-, Q-band, Tri- and Multiband with power levels from 8 to 3,550 watts and available in rack-mount and antenna-mount ODU packages.

Comtech Xicom Technology offers state-of-the-art Gallium Nitride (GaN) solid-state amplifiers for the fast-growing In-Flight Connectivity market. We have DO-160 in-cabin certified and cabin exterior certified designs. The high efficiency technology and advanced packaging techniques used enable industry-leading power density products that meet the tough environments of airborne applications. Xicom SSPAs and Block Up-converters (BUCs) for in-cabin ARINC-type and out-of-skin hermetic

configurations support DO-160 requirements from category A1 to F2. Xicom Gallium Nitride (GaN) SSPAs enable high-speed satellite connectivity for both airlines and travelers around the world. For more information go to: http://xicomtech.com/applications-airborne

DEV Systemtechnik
Booth # ZB1-D10
www.dev-systemtechnik.com

At CABSAT, **DEV Systemtechnik** presents its flagship distributing matrix ARCHIMEDES. DEV has continued to evolve it, resulting in a smaller size and lower product price without losing functionality. This enables customers to benefit from less rack space and significant lower power consumption. DEV's matrices are highly customizable due to modular design and support up to



2048 input and output channels. Optional optical inputs are available, as well as LNB powering on all input channels, several redundancy options and a full-color multi-touch display. The DEV ARCHIMEDES is 'Made in Germany' and characterized by an extremely high availability, reliability and manageability. Combined with their unique TripleC Protection Service, DEV Systemtechnik can truly claim to have set a benchmark in the RF matrix business.

DEV's products are designed for operation in multiple frequency bands and impedances to meet a wide spectrum of unique customer needs. This makes them equally suitable for:

- Teleports and Broadcasters
- Satellite Operators
- Satellite Ground Stations
- Cable and IPTV Headends

Gazprom Space Systems
Booth # ZB1-C40
www.gazprom-spacesystems.ru

Russian satellite operator **Gazprom Space Systems** (GSS) presents the opportunities of its constellation, consisting of Yamal-202 (49E), Yamal-300K (183E), Yamal-401(90E), Yamal-402 (55E) satellites. GSS's customer base includes over 250 companies. Yamal satellites capacity is used for telecommunication services provision in more than 100 countries worldwide.

Integrasys S.A.
Booth # ZB2-B11
www.integrsys-space.com

Integrasys is a privately owned company specialized on engineering and manufacturing **Satellite Spectrum Monitoring** systems in the telecommunication and broadcasting markets.

Integrasys was founded in 1990 by a group of Hewlett-Packard engineers experts on Automated RF & Microwaves Test Systems and Software. Since then Integrasys has evolved towards today's company, offering a wide range of signal monitoring products for different telecom services.

At Integrasys our mission is to provide the industry the best quality and fastest technology available in carrier monitoring systems, with the customer service and care that our customer's deserve. We want to add value to our customers in quality of service, technology, speed and cost efficiency, by innovating; therefore satellite industry recognizes Integrasys as the **Leader** for innovation in **satellite signal carrier monitoring systems**.

Newtec
Booth # ZB1-B30
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.

ND Satcom
Booth # ZB1-D20
www.ndsatcom.com

With over three decades of experience, **ND SatCom** is the

premier supplier of and integrator for innovative satellite communication equipment systems and solutions to support customers with critical operations anywhere in the world. Customers in more than 130 countries have chosen ND SatCom as a trusted and reliable source of high-quality and secure turnkey and custom system-engineered communication solutions. ND SatCom's flagship product, the SKYWAN platform, enables international users to communicate securely, effectively and quickly over satellite.

RF-Design
www.rf-design-online.de

RF-Design is specialized in developing, manufacturing and marketing high quality RF distribution solutions for the international Satellite-, Broadcast- and Broadband communi - nications market. Our product range includes a wide range of **Switch Matrix systems, RF-over-Fiber solutions, Splitters Combiners, Switches/Redundancy Switches, Line Amplif ers, 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.

Mr. Oliver Vogel will be attending CABSAT from 14-16 January. To Arrange a meeting send an e-mail to: o.vogel@rf-design-online.de

RSCC
Booth # ZB2-D21
www.rscc.ru

The **Russian Satellite Communications Company** (RSCC) is Russia's satellite communications operator, whose spacecraft ensure global coverage. he RSCC satellites are positioned along the geostationary orbital arc from 14 ° W up to 145 ° E, covering the entire territory of Russia, CIS, Europe, Middle East, Africa, Asian-Pacific region, North and South America, and Australia.

Terrasat Communications, Inc.
Booth # Z1-101
www.terrasatinc.com

Terrasat Communications designs and manufactures innovative RF solutions for Satellite Communications systems. Our ground-breaking IBUC, the Intelligent Block Upconverter, brings advanced features and performance to C-band, X-band, Ku-band, DBS -band and Ka-band satellite earth terminals and VSAT's.

New to Cabsat 2018, we now have 300W and 400W Ku-band IBUCG models featuring minimal backoff to P_{Linear} usable power. We have made recent developments that bring significant 2-3 dB improvements to GaN technology amplifier linear output power. Through conservative engineering, Terrasat products have gained a reputation for enduring over the long term in extreme operating conditions.

UHP Networks
Booth # ZB2-C11
www.uhp.net

UHP Networks Inc. is engaged in the development, manufacturing and marketing of satellite networking equipment. Its core products include universal satellite routers UHP and advanced Network Management System. UHP is the industry's first fully software-defined, high-throughput VSAT router, which can be used in a network of any size and any topology either as remote or a building block of a VSAT hub. UHP-powered solutions are efficient and reliable, with industry-best total cost of ownership. These solutions have been deployed in over 200 networks by Tier 1 telecom service providers, broadcasters and government agencies.

UHP Networks is a market leader in high-availability HTS -ready VSAT equipment. Star, Mesh, MF-TDMA or SCPC supported in a single device which consumes 9W, processes 450 Mbps, initializes in 5 seconds. Hub scales up to support tens of thousands of remotes.

Work Microwave
Booth ZB1-D23
www.work-microwave.com

At CABSAT, **WORK Microwave** will demonstrate the latest enhancements to its satellite technologies portfolio, including a new high-performance DVB-S2X demodulator for transport stream applications. Using WORK Microwave's analog and satcom solutions, operators can dramatically increase their flexibility, bandwidth, and margins while reducing operational costs.

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.

Key Products and Technology Demos:

NEW AR-61 Demodulator. WORK Microwave is expanding its A-Series IP modem, demodulator, and modulator family at IBC2017 with the introduction of the all-new AR-61 demodulator for transport stream applications.

The AR-61 provides the best DVB-S2X performance on the market for high-quality video transmission with minimal satellite bandwidth occupation. It is ideal for professional video contribution and distribution use cases. Offering compliance with DVB-S2X, DVB-S2, and DVB-S, the platform is entirely future-proof, enabling seamless migration to next-gen infrastructures and evolution to advanced functionalities for operators relying on legacy standards. Upgrades are made easy via software licensing.

For operators looking to transition to all-IP, WORK Microwave also offers the AX-60 IP modem, AR-60 IP demodulator, and AT-60 IP modulator high-performance platforms for IP trunking and network infrastructure applications.

NEW Integration Between AT-60 IP/AT-80 Wideband Modulator and Encapsulator . Operators now have the option to integrate WORK Microwave's AT-60 IP modulator and AT-80 wideband modulator with an encapsulator and IP routing system for large-scale VSAT systems. This integrated solution scales to every type of satellite network, from small networks with five remotes, up to the largest networks encompassing tens of thousands of remotes. Designed with flexibility in mind, WORK Microwave's solution is based on a pay-as-you-grow business model, can scale up or down to support any operator's requirements, and is completely customizable in terms of adapting to existing infrastructures. Embedded Adaptive Coding and Modulation (ACM) enables each remote to operate at its most efficient coding and modulation scheme.

Compact Satellite Up- and Downconverter Enhanced With C- and X-Band Support. Based on customer feedback, WORK Microwave has added C- and X-Band support to its integrated, compact, and cost-effective frequency converter. Ideal for satellite operators, integrators, and teleports working in classical bands, WORK Microwave's compact converter is operational in C-, X-, and IF frequency bands, allowing users to support multiple simultaneous channels in one unit to save significant rack space and costs.

"Everything should be made as simple as possible but not simpler"

- Albert Einstein-

ACTX-Ka20W-E6-V4. Real size: 7.9 x 5.1x 3.9 inch

ACORDE

www.acorde.com