Spotlight on key products and services to be showcased at CABSAT 2021, Dubai, UAE, October 26-28, 2021.

Arabsat

@CABSAT visit ARABSAT at booth # D3-10

Founded in 1976 by the 21 states of 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 650 TV channels, 270 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. For more information go to: www.arabsat.com

Comtech Satellite Network Technologies

@CABSAT visit Comtech at booth # PD-503

Comtech is a leading provider of innovative products, systems and services for advanced communications solutions. With more than 50 years of proud history in technology innovation and product quality, our cutting edge satellite communications solutions are deployed globally to support governments and commercial users on mission critical applications. The high-performance and flexibility of our satellite networking and network optimization systems, meet the unique demands of service providers, satellite operators, mobile backhaul, mobility and enterprise customers. We offer a one-stop shop for satellite modems, VSATs, HEIGHTS™ & UHP™ satellite network technologies, antennas, solid-state and TWTA amplifiers. Our satellite ground equipment portfolio encompasses VSAT Networking Platforms, Satellite Modems, RAN & WAN Optimization, Network & Bandwidth Management and RF Products. For more information go to: www.comtech.com

Gazprom Space Systems

@CABSAT visit Gazprom Space Systems at booth # F3-20

Gazprom Space Systems (GSS) is pleased to propose Yamal satellite capacity to meet your company's requirements and provide high quality state of the art telecommunication solutions on the basis of five reliable satellites: Yamal-601 (49˚E), Yamal-402 (55˚E), Yamal-401 (90˚E), Yamal-202 (163.5˚E) and Yamal-300K (183˚E). The wide coverage areas of Yamal satellites enable communication services delivery to different parts of the world for the purposes of Oil&Gas, Government, Aviation, Maritime, Education and Emergency segments. Yamal Satellite capacity is successfully used for communication links and data transmission, TV distribution, occasional use, trunking, backhaul, inflight and maritime connectivity.

For more information go to: www.gazprom-spacesystems.ru

Integrasys

@CABSAT visit Integrasys at booth # F3-25

Integrasys is a privately owned company specializing in 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 and the marquess of Antella. Since then Integrasys has evolved towards today's company, offering a wide range of signal monitoring products and VSAT Deployment and Maintenance and Link Budget solutions for different telecom and satellite services globally with the best customer care that our customers deserve.

For more information go to: www.integrasys-space.com

ND Satcom's Multi-Band Flyaway Terminal MFT 1500

@CABSAT visit ND Satcom at booth # B3-36

ND SATCOM continues to distinguish itself through its commitment to innovation and customer satisfaction. The coming launch of the ND SATCOM FLYAWAY terminal underscores the company's competitive advantage.

One advancement that sets this new terminal apart is its operational wind resiliency: it can withstand and function in very high wind speeds and during severe storms.

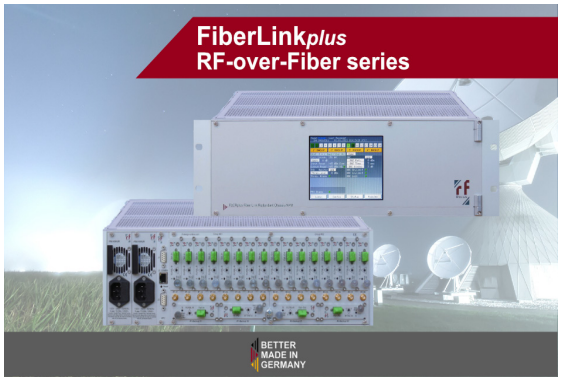
ND SATCOM incorporated another clear advantage: the latest version of the premier SKYWAN 5G technology. Customers value the proven high reliability and security that SKYWAN represents. The bar was raised here, too, by integrating the pioneering innovation of Adaptive Coding and Modulation (ACM) for TDMA, thus permitting transmission during heavy rains with adaptive bandwidth control. For the motorized FLYAWAY version, engineers integrated the ACU into the 5G modem, thus minimizing equipment and enabling pointing on SKYWAN or DVB signals.

ND SATCOM pushed the engineering boundaries further by optimizing portability and product longevity for this new FLYAWAY. Carbon was used wherever possible to reduce weight, enhance durability, and provide the extreme stiffness required for Ka-band in high wind conditions. Both the unique 180° azimuth range and integrated feed-booms for various bands expedite setup and use. For an extremely fast setup -, this terminal was designed for easy deployment and dismantling - time and again - while maintaining structural integrity throughout.

The in-house R&D team in Germany designed and developed the new terminal, rigorously field testing the finished product as well as testing against stringent standards for military products. ND SATCOM FLYAWAY is ready to go: whenever, wherever you are. For more information, go to: www.ndsatcom.com

RF-Design´s Premium class RF-over-Fiber systems

RF-Design's FiberLinkplus series incorporates non-redundant, 1+1 redundant as well as N+1 and N+2 redundant RF-over-Fiber systems thus ensuring a stable signal transmission via optical fiber at any time. Different outdoor enclosures and 19" indoor rackmount chassis allow a population with up 32 TX and/or RX modules covering various frequencies (950 - 2150, 850 – 2450MHz, 50 – 3200MHz, 40 – 200MHz and 10MHz) ready for operation at nearly any environment. The FiberLinkplus systems come with a high-density modular design, excellent quality and performance as well as many included features, such as:



- 1RU/19" to 4RU/19" rackmount chassis or appropriate outdoor enclosures
- Suitable for outdoor and indoor applications
- Ready for non-redundant or redundant operation
- Supports various RF frequencies (950 - 2150, 850 – 2450MHz, 50 – 3200MHz, 40 – 200MHz and 10MHz)
- Allows mixed TX/RX population e.g. for uplink and downlink applications
- Variable gain control, RF power monitoring, Switchable LNB-supply
- Hot swappable optical modules
- Front panel measurement port -20dB
- Beneficial signal and status monitoring functions
- Local configuration and monitoring (LC-Display or touchscreen)
- Remote configuration and monitoring (WebGUI, SNMP)

For more information, go to: https://rf-design-online.de or email contact@rf-design-online.de

Russian Satellite Communications Company (RSCC)

@CABSAT visit RSCC at booth # E3-35

Russian Satellite Communication Company (RSCC) is the Russian GEO satellite operator with global coverage. RSCC provides a full range of communications and broadcasting services via its own terrestrial telecom facilities and satellite constellation, which consist of modern Express, Express-AM, Express-AT, Express-AMU type satellites; e.g. video distribution and contribution, DTH, DSNG, broadband Internet access, IP trunking and cellular backhaul, maritime mobility, SCADA, enterprise networks connectivity and other. The company operates various regional satellite TV distribution networks and corporate VSAT networks for fixed and mobility customers. RSCC satellites provide unique coverage and connectivity throughout EMEA, Latin America and Asia.

For more information go to: **www.rscc.ru**

SatService

@CABSAT visit SatService at booth # 212

SatService GmbH, a manufacturer and reseller in the field of satellite communications, is pleased to present the latest technologies and sat-nms products at Cabsat. SatService provides competitive and customer dedicated products, with high quality and quick reaction time. Our strength is the combination of system engineering and integration know-how, to create highly sophisticated products. Our sat-nms product line consist of Monitoring & Control and Network Management Systems, Motorized Antennas and Antenna Tracking Systems, Beaconreceivers, Distribution Amplifiers, Matrixes, Converters and Fiberoptical Links. SatService is your reliable and innovative Partner in the field of satellite communications.

Turnkey Projects

Modern satellite communication is the ideal way to meet the growing demand for rapid, global communication without barriers. Therefore, satellites are the basis of the future-proof technology and service solutions of SatService GmbH.

Headstart

SatService strives to supply its customers with a headstart on the market of telecommunications. With worldwide satellite communication, companies and organizations open up highly efficient a world of new possibilities.

Individual, Quick and Flexible

We are independent of suppliers and operators. We select our products for the benefit of our customers. Techniques are developed custom-made, quickly and flexibly.

Customer orientation combined with expertise and experience - SatService GmbH: your strong partner

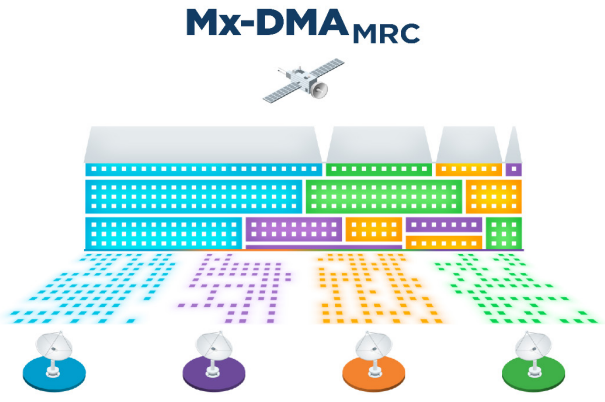
The experience and expertise of our staff are at your entire disposal. Therein lies the success of SatService GmbH!

For more information go to: www.satservicegmbh.de

Achieve A Greater Return with ST Engineering iDirect's Mx-DMA MRC®

@CABSAT visit ST Engineering iDirect at booth # B3-10

ST Engineering iDirect's Mx-DMA® MRC (multi-resolution coding) brings forth the full scalability of TDMA return technologies to the same SCPC-like efficiency level of Mx-DMA HRC. Achieving this level of scalability and adaptivity while adding the dimension of time required a more innovative approach to the access scheme. The result is 25 times at faster bandwidth allocation along with the ability to now support over 5,000 active terminals per hub demodulator significantly reducing the hardware needed the hub. These advancements allow Service Providers to efficiently share the bandwidth across many different use cases while achieving the lowest total cost of ownership (TCO) and improving service agility, network scalability and capacity fill efficiency.



To learn more, visit: **idirect.net/mx-dma-mrc**

Spacebridge

@CABSAT visit Spacebridge at booth # A3-30

SpaceBridge is a proud developer and provider of satellite network equipment and services, including VSAT HUBs and Terminals for Point-to-Point, Point-to-Multi-Point, and Mesh typologies, as well as SCPC and broadcast modems for GEO and NGSO satellite constellations. SpaceBridge also provides Cloud-Based autonomous managed services for its customers.

SpaceBridge Inc.'s diverse portfolio includes the ASAT™ product line, which serves different verticals with various technologies and applications. Key areas of focus are: Cellular Backhaul for 2G/3G/4G and 5G, Industrial Internet of Things (IIoT), Commercial and Military SatComs-On-The-Move, High-Speed Broadband, Multicast IPTV, Voice-over-IP (VoIP), Videoconferencing, L2/L3 VPN, Virtual Network Operator, and HD/UHD TV Broadcasting. ASAT™ Wave Switch™ innovative, award-winning technology enables dynamic return link selection and switching to the most-appropriate waveform, whether MF-TDMA, ASCPC, or SCPC. Thereby optimizing satellite resource usage for satellite networks and operators.

U7400 Professional Mobility/ Trunking VSAT Router

SpaceBridge Inc. continues to enhance its innovative architecture to not only meet today's satellite challenges in managing ground and space satellite resources, but also to provide superior solutions that address the New-Space satellite challenges of tomorrow.

For more information go to: **www.spacebridge.com**

The New C-Band IBUC G for Multicarrier Application is Now Available

@CABSAT visit Terrasat at booth # B3-35

Terrasat Communications presents the new state-of-the-art 400W/500W IBUC G for multicarrier application. The new GaN IBUC G model now supports multicarrier transmissions across the full C-band spectrum. The 500W model produces +54 dBm of linear output power and is ideal for all high data rate multicarrier applications such as maritime, broadband, broadcast, and network hubs. All IBUCs allow the operator to customize configurations & manage alarms & sensors for real-time network management and control backed by a 3-year warranty. IBUC reliability is baked into the IBUC G design and verified through intensive individual unit testing.

For more information on the available units, go to: www.TerrasatInc.com

Walton De-Ice Sysems

W. B. Walton Enterprises, Inc. AKA Walton De-Ice has been the satellite industry leader in Earth Station Antenna De-Ice systems for over 40 years. Beginning with our flagship, Hot Air Plenum De-Ice as the most economical and efficient method of keeping snow and ice from accumulating on antennas ranging in size from 3.7 meter up to 32 meters.

As the industry has evolved and antenna size requirements became smaller Walton De-Ice has lead the way in providing methods of signal protection such as our patented Snow Shield and Ice Quake/Rain Quake for antennas ranging in size from 0.65 meter up to 6.5 meters. Available in heated or passive solutions, when considering budget and operating budget no other method of antenna de-icing compares in cost and efficiency.

With the emergence of LEO Tracking antennas and mobile solutions the Walton Portable Radome has no competition when protecting terminals from weather such as rain, snow, ice, heat or blowing sand. Virtually invisible to RF and the ability to withstand wind up to 85 MPH/137 KPH

For more information, go to: www.de-ice.com