

### Spotlight on key products and services to be showcased at CABSAT 2023 Dubai, UAE May 16-18, 2023

#### AvL Technologies



**visit AvL at the MENA Nets booth # 203**

AvL Technologies designs and produces mobile satellite antennas, terminals and positioner systems. AvL's robust terminals combine rugged packaging, stout wind performance, ease of operation and 24/7/365 customer support. AvL leads the industry in the delivery of systems that operate with the next generation of military satellites, including Xtar and WGS.

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

#### Comtech

**visit Comtech at booth # S3-E20**



Comtech is a leading global provider of satellite and space communications and terrestrial and wireless network infrastructures to commercial and government customers around the world. Headquartered in Melville, New York and with a passion for customer success, Comtech designs, produces and markets advanced and secure wireless solutions.

At CABSAT, Comtech will be showcasing its Elevate Hub--a Multi-layered, Multi-Orbit Hybrid Architecture designed to be fully integrated with LEO/MEO/GEO space traffic orchestration. Equipped with a powerful new NMS, the Comtech ELEVATE Hub is able to coordinate high traffic over multiple LEO Satellites, while dynam-

ically controlling Doppler effects, bandwidth allocation, and adapting to each satellite or beam specific power density requirement. Comtech ELEVATE provides constant search and lock guidance to both hub and remote antennas, by using Comtech's new ACU algorithms. For more information go to: [www.comtech.com](http://www.comtech.com)

#### Integrasys

**visit Integrasys at booth #307**



Integrasys is a privately owned company specializing in engineering and manufacturing of Satellite Spectrum Monitoring Systems, VSAT Installation & Maintenance, and Link Budgets in the satcoms and broadcasting markets. Integrasys has been leading for 30 years the innovation in the satellite industry with new solutions which saves time, effort, and OPEX for

satellite industry companies. At Integrasys our mission is to provide the industry with the best quality and fastest technology available in carrier monitoring systems, with the customer service and care that our customers deserve.

Combines Satellite RF and IT engineering expertise with the new AI, Data Science, and Learning Machine innovations for providing success through constant innovation. Best Partners and largest companies in the satcom industry. Global Presence from Alaska to New Zealand. Excellent post-sale support and warranty programs guaranteed.

Smarter, easy to use and cost-effective tools for smarter satellite operators and service providers.

Ensure purchasing the right provider that You can count on!

For more information go to: [www.integrasys-space.com](http://www.integrasys-space.com)

## Intersputnik

visit Intersputnik at booth #S3-C41

**Intersputnik** is an international organization, uniting members and signatories from all over the world. One of its main missions is to promote use of satellite communications to meet the sustainable development goals set by United Nations (SDGs). Broad-band connectivity is a versatile tool to bridge the digital divide and increase the level of digital inclusion for all population clusters all around the world. Services provided by Intersputnik contributes to reaching many SDGs. Telemedicine via satellite to remote locations contributes to Good Health. Using satellites for precise and smart farming improve crops and helps to fight Hunger. Connecting schools in least developed countries helps to improve Education. Connecting most remote villages and delivering them media contributes to Sustainable communities. Collecting meteorological and other related data about the Earth helps to track Climate changes and react immediately. In general, satcom and broadcasting solutions improve Life on Land and during journeys by air and water. Since satellite coverages are global – this all helps to develop Partnerships for the Goals with vendors, integrators, solution providers and satellite operators



For more information go to: [www.intersputnik.int](http://www.intersputnik.int)

## ND SATCOM: The future is Now. The Future is SKYWAN 5G

visit ND Satcom at booth # S3-C20



INSTALLING  
RELIABILITY

With over three decades of experience, **ND SATCOM**, headquartered in Germany, is the premier supplier and integrator of innovative satellite communication systems and solutions to support customers with critical operations around the world. Customers in more than 130 countries have chosen ND SATCOM as a trusted and reliable source of high-quality, secure turnkey and custom system-engineered communication solutions.

The company's products and solutions are used in more than 200 transnational networks in government, military, telecommunications and broadcasting sectors. The flagship of ND SATCOM, the SKYWAN platform, enables international users to communicate securely, effectively and quickly over satellite. ND SATCOM's core technologies and diverse applications are:

- SKYWAN, an advanced MF-TDMA VSAT system for establishing wide area networks for military, governments and enterprises.
- FlyAway antennas for various commercial and military uses.
- Tactical Communication-On-The-Move (COTM) for high-security missions on land and sea, enabling mobile command and control.
- Tailored communication solutions for embassy networks, disaster relief and emergency operations, oil and gas explorations, and maritime locations.
- Leading supplier of ATC networks across the globe.
- Specialized solutions for military and defence operations such as mobile and transportable satellite ground terminals.

Dive into a new dimension of satellite communication with SKYWAN 5G. Just when you thought you heard it all – from reliability to flexibility to scalability – **ND SATCOM** breaks the barrier with new engineering features that anticipate your business needs and further optimise the performance of your business. We listen, we innovate, we lead. This is why our standards of excellence, proven track record and 5th generation SKYWAN keep customers coming back for more. We are the only trusted solution provider in Europe for demanding market sectors such as aviation and the military, where the concept of reliability has far-reaching impact. For more information, go to: [www.ndsatcom.com](http://www.ndsatcom.com)



### Mission Microwave

visit Mission Microwave at the Decibel Systems booth # S3-D20

Mission Microwave Technologies was founded in 2014 to create the next generation of Solid-State Power Amplifiers



(SSPAs) and Block Upconverters (BUCs). We use advanced GaN transistors, unique power combining technology, and novel

full-system designs to create the industry's most efficient, lightweight, and compact high-reliability SSPAs for mobile communications applications.

Mission Microwave supports the satellite terminal industry with high performance X-, Ku-, and Ka-band products from highly integrated transceivers in the 10-80 watt range to large-scale amplifiers up to 400 watts for gateway installations. Customers rely on Mission Microwave to provide the highest level of capability, reliability, support, and on-time delivery.



Mission Microwave X-, Ku-, and Ka-band GaN BUCs

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

### RF-Design

visit RF Design at booth # PD-33

For 25 years **RF-Design** has been developing, manufacturing and marketing technology leading satellite ground segment products and solutions offering a wide range of premium class RF-distribution, RF-over-Fiber, RF amplifying and RF monitoring systems. High quality products, long expertise, flexibility and the ability to customize products for individual customer requirements along with an unique customer oriented service approach have made us an reputable partner within this sophisticated industry around the globe. Celebrate our 25 years anniversary with us in Dubai at CABSAT 2023 (booth PD-33) and learn more about our latest RF Switch Matrix systems, RF-over-Fiber, RF amplifier and RF monitoring products. We look forward to meeting with you soon in Dubai.



For more information, go to: [www.rf-design-online.de](http://www.rf-design-online.de)

### Terrasat Communications

visit Terrasat at booth # 301



**Terrasat Communications**, a privately-owned US company, has been manufacturing microwave & satellite RF equipment since 1994. We started with custom engineered microwave RF modules & Block UpConverters (BUCs). Today, we produce the most innovative BUCs on the market; the IBUC—the Intelligent BUC. Unlike the typical BUC, the IBUC includes multiple sensors and a powerful micro-processor for performance improvement

& feature enhancements. All IBUC models include a web interface for extensive Management & Control and are SNMP-compliant for easy interface with any NMS. IBUC models are available in C-band, X-band, Ku-band, & Ka-band with a full range of output power levels. Our higher-powered models incorporate GaN amplifier technology to optimize performance with minimal back-off to the PLinear point & deliver maximum usable power. The Engineers product of choice.

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

### Satservice GmbH

visit Sateservice at booth #PD-39

SatService GmbH, a designer, manufacturer and reseller in the field of satellite communications, specializing in ground station and teleport equipment. We are pleased to present the latest technologies and our very own sat-nms products, at this year's Cab-sat show. Designed & manufactured in Germany, SatService provides competitive and customer dedicated products as well as system solutions with high quality and quick reaction time. Our strength is the combination of system engineering and integration know-how with highly sophisticated products.



Our sat-nms product line consist of Monitoring & Control, Network Management Systems, Motorized Antennas and Antenna Tracking Systems, Beacon Receivers, Distribution Amplifiers, Matrixes, Converters and Fiberoptical Links.

SatService is your reliable and innovative Partner in the field of satellite communications.

For more information, go to: [www.satservice.gmbh.de](http://www.satservice.gmbh.de)

### STN

visit STN at booth #S3-A21



STN is a leading content distribution provider with a mission to connect businesses and individuals globally through seamless delivery of digital content. With its award-winning, certified teleport facility based in Slovenia, state-of-the-art technology infrastructure and extensive network of partners, STN has the capability to deliver content to any device, anywhere in the world, with unparalleled speed and security. STN offers a comprehensive suite of services that enable content providers to reach their audiences through various delivery channels, including satellite, IP, playout, OTT, cloud storage and delivery. Co-location and occasional use services for sports and special events are also available. The cutting-edge technology is fully supported and monitored 24/7 by a team of skilled, responsive professionals.

For more information go to: [www.stn.eu](http://www.stn.eu)

### WORK Microwave

visit WORK Microwave at booth # S3-C20



Headquartered in Holzkirchen, Germany (near Munich), and comprised of four operating product lines —Satellite Communication, Navigation Simulators, Defence Electronics, and Sensors and Measurement — **WORK Microwave** leverages over 35 years of experience to anticipate market needs and apply an innovative and creative approach to the development of its technologies while maintaining the highest standards for quality, reliability, and performance. WORK Microwave's

Satellite Communication product line develops and manufactures high-performance, advanced satellite communications RF- and optical ground segment hardware and software for earth observation, NGE0 constellations, direct-to-home broadcast, IP networks, teleport management, government communications, and many more applications.

#### What's your Mission?

At **WORK MICROWAVE**, we have the solution. Our mission is to help your data to cross the edges between Space and Ground. RF and digital. Optical and digital. Virtual and hardware on your ground station. We develop ground segment equipment for any of your mission.

For more information, go to: [www.work-microwave.com](http://www.work-microwave.com)