

		<p>GetSAT North America 8200 Greensboro Drive Suite 900 McLean, VA 22102 (Booth 437 at Satellite 2017)</p>	<p>Contact: Ayala Pinhasi +972.77.8066163 (Israel) +1.617.861.4471 (US)</p>
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Continuing its Industry Innovation, GetSAT Introduces the Highest-Efficiency Electronically Steerable Antenna (ESA)

Using its Breakthrough Technology, InterFLAT, GetSAT's ESA Provides the Highest Data Rates on Minimum footprint

Washington, DC, 01 March 2017 —Building on its success in 2016, GetSAT will showcase its latest innovation, the **Ka -Band electronic steerable antenna (ESA)**, at the Satellite 2017 conference, 7-9 March 2017 in Washington, DC.

GetSAT's success integrating electronic steering capabilities within its innovative flat-panel antenna overcomes the size, cost, power, scalability, and bandwidth limitations of most electronically steerable antennas seen by our customers today.

By combining signal transmission and reception onto a single panel, the GetSAT ESA is the smallest minimum-profile antenna available. The antenna's efficiency is greater than 60% and is still able to provide 2GHz wide bandwidth to support the commercial and military Ka-band frequency range. GetSAT offers multiple sizes (4x4in., 8x8in., and 12x12in.), which provides cost-effective options for low- and/or high-bandwidth applications to its land, sea, and air customers.

"We are putting our customers first as cost, modularity, and performance, go hand and hand. Our thought process was to develop cost-effective, high-performance, low-profile capabilities and we have succeeded with our latest offering, the GetSAT ESA. We look forward to continuing to listen to our customers and design hardware and software that exceeds their expectations," said CEO Kfir Benjamin

"Building an ESA has multiple challenges that are very hard to overcome. Using our InterFLAT technology we were able to solve most of those challenges," said Oleg Roitberg, CTO. "One of them is the traditional use of two panels one for receipt and one for transmission. By combining them onto a single panel we are able to offer a small, compact, and efficient solution that exceeds all previous thresholds for current offerings."

In addition GetSAT has launched several new products that offer significant savings in antenna size, weight, and power (SWaP) parameters whilst providing very high throughput.

MicroSAT: GetSAT has expanded its MicroSAT flat-panel product line, including the option for interchangeability between Ka and Ku bands, which provides for reliable and efficient HD voice, video, and data applications in all environments. Its 2017 offerings also include:

- *MicroSAT-Ku:* This is the smallest, lightest all-inclusive portable Ku-band satellite terminal solution in today's market for transmit and receive of high bandwidth data rates of more than 6 Mbps. (MicroSAT-Ka offers data rates of more than 10Mbps.)
- *MicroSAT-LW:* At only 11.2 lbs., this product comprises an antenna, 25W BUC, and DVB-S2X-compliant modem and is the lightest ultracompact system now available. Its modular approach allows for easy transition from Ku to Ka band.
- *MicroSAT-LM:* The IP67-compliant, fully integrated MicroSAT-LM, allows for the easiest all-in-one, carry-on-carry-off package on any ground or maritime platform. It is rugged and built to survive the harshest environments either at sea or on land

MilliSAT: At just 22lbs., this mid-sized DVB-SX2 COTM terminal offers unprecedented bandwidth that can be hand carried in any environment. Designed for easy installation, it provides fully autonomous operations for both transmission and receipt of rates of more than 20 Mbps and is available for Ku and Ka bands

Using the SX-3000 from SatixFy, GetSAT now offer's the following ultracompact, low-power products for a range of applications.

MicroHUB: This universal 19" 1U rack-mounted hub can support up to four DVB-SX2 modems, is portable, has integrated management, and offers the flexibility of scaling the hub depending on budget or level of communication needs. MicroHUB supports data rates from 10Kbps to 500Mbps

MicroMODEM: This fully ruggedized modem for the air, land, and sea market is the smallest currently available product, supports 10Kbps to 500MBps, and includes a very low signal to noise ratio (VLSNR) feature that allows it to work at -9dB SNR below the noise floor. The modem comes integrated into the GetSAT terminal or as a standalone.

About GetSAT

A privately held company located in Rehovot, Israel, GetSAT Communications provides affordable, portable, and extremely efficient antenna and terminals that offer high-data-rate communications for ground, air, and maritime applications. GetSAT provides services for government and military use, enterprises, first responders, and nongovernmental organizations (NGOs) and humanitarian groups. For more information visit www.getsat.com

GetSAT will be in [Booth 437](#) at Satellite 2017.

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