



Gilat Satellite Networks

## Press Release

**Gilat Satellite Networks Ltd.**

21 Yegia Kapayim St., Kiryat Arye

Petah Tikva 49130, Israel

Tel: (972) 3 925-2000

Fax: (972) 3 925-2222

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

### **Gilat Announces Availability of Mobility-Ready Solution for On-the-Move Applications on Land, Sea and Air**

*Mobility service providers to benefit from a new level of spectral efficiency and availability with performance speeds reaching 400Mbps*

**Petah Tikva, Israel, March 6, 2017** -- Gilat Satellite Networks Ltd. (NASDAQ, TASE: GILT), a worldwide leader in satellite networking technology, solutions and services, announced today the availability of its revolutionary mobility solution for its multi-application SkyEdge II-c platform. The comprehensive mobility feature-set supports unprecedented spectral efficiency and availability while delivering throughput of up to 400Mbps.

Gilat's multi-application platform powered by its distributed X-Architecture is now optimized and enhanced to meet the most challenging satellite mobility communication requirements. SkyEdge II-c, already successfully deployed worldwide, is now available with new mobility technologies including unprecedented throughput, significant bandwidth efficiency, highest service availability and substantial operational advantages.

Gilat's Taurus and Capricorn family of VSATs achieve unprecedented throughput reaching up to 400Mbps while enabling transmission at supersonic speeds with Doppler timing compensation. SkyEdge II-c VSATs are powered by a multi-core ARM CPU and deliver excellent user experience over satellite.

The SkyEdge II-c platform is being enhanced with the latest generation wideband DVB-S2X outbound standard. Gilat is introducing unique true real-time resilient adaptive LDPC inbound TDMA waveform, which enables significant savings of satellite bandwidth costs while delivering highest service availability. Gilat's innovative implementation delivers exceptional spread-spectrum transmission performance, enabling high on-the-move service availability even in the most extreme conditions. The platform is built to deliver maximum space segment efficiency via its true dynamic link adaptivity in the return channel. This is achieved by changes to the carrier symbol rate and ModCod per VSAT on a per time-slot basis.

Operational benefits are provided via Gilat's leading TotalNMS, which includes a comprehensive set of mapping tools delivering mobility services to a configurable geographic service area, with automatic beam switching. Global bandwidth management is supported by Gilat's innovative Cloud Quality of Service (QoS), enabling service providers to provision and manage bandwidth across multiple teleports, satellites and user beams from a central NMS.

"Gilat's leading SkyEdge II-c mobility offering has been designed to address the new requirements of In-Flight Connectivity (IFC), maritime and land mobility applications that are now possible with global large scale HTS and VHTS," said Hagay Katz, Head of the VSAT Line of Business at Gilat. "With this innovative development, Gilat is leapfrogging current market solutions with the most advanced next generation mobility platform for which we are already seeing significant industry embracement."



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### About Gilat

Gilat Satellite Networks Ltd. (NASDAQ: GILT, TASE: GILT) is a leading global provider of satellite-based broadband communications. With 30 years of experience, we design and manufacture cutting-edge ground segment equipment, and provide comprehensive solutions and end-to-end services, powered by our innovative technology. Delivering high value competitive solutions, our portfolio comprises of a cloud based VSAT network platform, high-speed modems, high performance on-the-move antennas and high efficiency, high power Solid State Amplifiers (SSPA) and Block Upconverters (BUC).

Gilat's comprehensive solutions support multiple applications with a full portfolio of products to address key applications including broadband access, cellular backhaul, enterprise, in-flight connectivity, maritime, trains, defense and public safety, all while meeting the most stringent service level requirements. Gilat controlling shareholders are the FIMI Private Equity Funds. For more information, please visit: [www.gilat.com](http://www.gilat.com)

*Certain statements made herein that are not historical are forward-looking within the meaning of the Private Securities Litigation Reform Act of 1995. The words "estimate", "project", "intend", "expect", "believe" and similar expressions are intended to identify forward-looking statements. These forward-looking statements involve known and unknown risks and uncertainties. Many factors could cause the actual results, performance or achievements of Gilat to be materially different from any future results, performance or achievements that may be expressed or implied by such forward-looking statements, including, among others, changes in general economic and business conditions, inability to maintain market acceptance to Gilat's products, inability to timely develop and introduce new technologies, products and applications, rapid changes in the market for Gilat's products, loss of market share and pressure on prices resulting from competition, introduction of competing products by other companies, inability to manage growth and expansion, loss of key OEM partners, inability to attract and retain qualified personnel, inability to protect the Company's proprietary technology and risks associated with Gilat's international operations and its location in Israel. We undertake no obligation to update or revise any forward-looking statements for any reason. For additional information regarding these and other risks and uncertainties associated with Gilat's business, reference is made to Gilat's reports filed from time to time with the Securities and Exchange Commission.*

### Contact:

Gilat Satellite Networks

Doreet Oren

[DoreetO@gilat.com](mailto:DoreetO@gilat.com)

Comm-Partners LLC June

Filingeri, President

203-972-0186

[junefil@optonline.net](mailto:junefil@optonline.net)