



Gilat Satellite Networks Ltd.

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Press Release

Gilat Satellite Networks to Introduce Enhanced Forward and Return Channel Technology in SkyEdge II-c for Increased Performance

- Increases DVB-S2 Bandwidth Efficiency with 1.1 Roll-Off Factor
- Supports 66Msps Forward Carriers and Throughput of 250Mbps per Carrier
- Traffic Load Balancing Between Carriers in Multi-Spot Beam HTS Architecture

PETAH TIKVA, Israel, May 28, 2013 (GLOBE NEWSWIRE) -- Gilat Satellite Networks Ltd.

(Nasdaq:GILT), a worldwide leader in satellite networking technology, solutions and services, today announced it will introduce an enhanced forward channel technology in SkyEdge II-c that will provide an increase in the DVB-S2 bandwidth forward channel to 66Msps and improve efficiency with a 1.1 roll-off factor and savings of up to 10% in satellite capacity.

By increasing carrier throughput to 250Mbps, 66Msps carriers enable the support of more bits to Hz. The platform also supports multi forward carriers managed as a single pool, with automatic load balancing of terminals.

The high throughput carriers enable coverage of wide multi-spot beam transponders with less forward channel carriers. This reduces gateway capital expenditures and increases utilization of space segment resources.

On the return channel, Gilat's patent pending algorithm for adaptive return channels preserves network capacity and automated network operation and planning. The advanced multidimensional adaptive return channel supports automatic up link power control (AULPC), adaptive channel rate, and adaptive Modulation and Coding of up to 8PSK.

"We are constantly striving to increase performance and efficiency while decreasing costs for our customers," stated Hagay Katz, Gilat's AVP, Head of VSAT Line of Business. "Our high speed ACM channels are already deployed in commercial networks. Together with efficient implementation, we support an aggregate of over 1Gbps on a 500 Mhz beam with EIRP of 63 dBW. In SkyEdge II-c our enhanced forward and return channel technology will enable customers to provide better and more reliable service at lower costs."

The tightly integrated architecture of QoS, TCP optimization and enhanced HTTP acceleration significantly improves the user experience. The increased efficiency enables enterprise and government customers, Internet service providers and satellite operators to maximize the bandwidth of their consumer and enterprise network in order to deliver a higher quality of service at lower costs.



Press Release (cont.)

About Gilat Satellite Networks Ltd.

Gilat Satellite Networks Ltd (Nasdaq:GILT) (TASE:GILT) is a leading provider of products and services for satellite-based broadband communications. Gilat develops and markets a wide range of high-performance satellite ground segment equipment and VSATs, with an increasing focus on the consumer and Ka-band market. In addition, Gilat enables mobile SOTM (Satellite- on-the-Move) solutions providing low-profile antennas, next generation solid-state power amplifiers and modems. Gilat also provides managed network and satellite-based services for rural telephony and Internet access via its subsidiaries in the United States, Peru and Colombia.

With over 25 years of experience, and over a million products shipped to more than 85 countries, Gilat has provided enterprises, service providers and operators with efficient and reliable satellite-based connectivity solutions, including cellular backhaul, banking, retail, e-government and rural communication networks. Gilat also enables leading defense, public security and news organizations to implement advanced, on-the-move tactical communications on board their land, air and sea fleets using Gilat's high-performance SOTM solutions. For more information, please visit us at 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. 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.

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