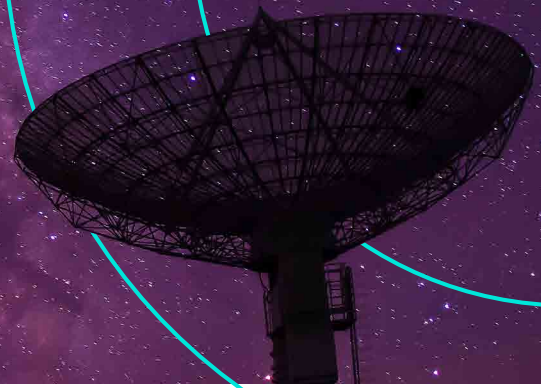# Gilat

SkyEdge IV Release News!

Releases 3.0-3.3

Introducing the latest advancements in Gilat's SkyEdge IV platform!

With each new release, we continue to push the boundaries of satellite communications technology, delivering cutting-edge features designed to enhance performance, improve user experience, and empower businesses and people across the globe.

This update includes new capabilities of SkyEdge IV aimed to expand applications support and enable new solutions for NGSO and GEO ensuring your network delivers seamless connectivity.

All the capabilities below are available in the SkyEdge IV 3.3 Release.

- **Expanded features:** NGSO & GEO satellite support, In-flight Connectivity, inter-platform handover including ability to roam between SkyEdge II-c and SkyEdge IV platforms

- **Additional Modem support:**

  - Aquarius PRO and Outdoor modems for high throughput backhauling

  - Aquarius-e modem card for compact NGSO-GEO terminals enabling up to 400Mbps downlink and 100Mbps uplink with > 150Kpps

  - Aquarius-e enables high throughput CBH 5G, Enterprise links and high throughput land mobility applications

  - Gemini-e and Gemini-4 modems for enterprise and social inclusion applications

  - Capricorn-4 modem for 4G/LTE cellular backhauling and enables 5G cellular backhauling

  - Taurus-M - compact, robust and lightweight modem for communications on-the-move, suitable for vehicles and manpack terminals

- **Advanced networking capabilities:** TCP acceleration, payload encryption, IPv6, routing protocols, jumbo frame support

- **Enhanced Cellular Backhauling capabilities:** GTP acceleration, CBH voice prioritization, slow-release jitter control

- **Network diversity to enable high availability:** based on NMS diversity and gateway diversity as well as RF diversity to overcome link degradation by switching between two antennas up to 350 Km apart

- **Aquarius PRO P2P functionality:** ideal for trunking applications supporting up to 750/750 Mbps

- **FWD Channel RF Combining:** uses two antennas to increase forward link SNR, enhancing overall throughput

If you have any questions or suggestions for future releases, please reach out at: gile@gilat.com

Regards,
Gil Elizov, Vice President, Products

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