



Leading Satellite Communications in the New Elastix Space Era



Gilat Fully Owned Subsidiaries:







Here at Gilat, we believe in the right of all people to be connected. To achieve our vision, we leverage our heritage of innovation to create and deliver deep technology products and solutions for satellite, ground, and new space connectivity.

Our comprehensive end-to-end offerings and services, all powered by our superior technology, are deployed worldwide.

The New Elastix Space
Era is changing the way
we live by delivering
the most advanced
and widespread
connectivity the world
has ever seen

We are proud to lead the New Elastix Space Era using deep technology to tie everything together and make this new reality possible





The New Elastix Space Era is defined by launches of very large, software defined multi-orbit constellations and satellite capacity that is growing faster than ever before. Satellites are getting smarter and the cost per megabit is decreasing quickly. Very High Throughput Satellites (VHTS) are unlocking opportunities for new applications and cloud technologies are maximizing operational efficiencies and creating new business models. The promise of universal connectivity has never been closer!

With this, customer requirements in the New Elastix Space Era are increasingly larger, faster, and more sophisticated. Expectations for anywhere, anytime connectivity are skyrocketing.

The rules of the game have changed; SATCOM is no longer a niche play, but a game played by the industry leaders! Gilat is working alongside some of the world's largest companies as they join the multibillion-dollar satellite connectivity market.

Global, Proven Expertise

Gilat provides leading satellite operators, mobile network operators, service providers, enterprises, governments and militaries with efficient and reliable satellite-based connectivity solutions. Addressing the needs of both fixed and mobility applications on land, sea and air, Gilat's products and solutions are being used in more than 100 countries worldwide.

Our dedication to constant product and business innovation places our strategic partners at the forefront of the dynamic satellite communications industry. We invest heavily in R&D and operate seven R&D Centers worldwide, where our skilled engineers develop cutting-edge, future-ready solutions to support evolving customer and market needs. Millions of people around the world are already connected using Gilat technology.

Our Mission

To create and deliver deep technology solutions for satellite, ground and new space connectivity. With proven expertise, a can-do attitude and a winning global team, we aspire

to be the natural partner, bringing real value in the SATCOM market. We are united in our resolution to provide communication solutions to all reaches of the world.







Leading Global Customers

Satellite Operators:











System Integrators:











Service Providers & MNO's:



The Natural Partner for Multiple Markets

A fundamental part of our business ethos is to work in partnership with industry and technology leaders to bring real value in the SATCOM market. Our success over the years can be attributed to these collaborative efforts and to the win-win relationships we foster with our ecosystem partners.

This strategic partnership is even more critical in the New Elastix Space Era, as the synchronization between ground and space and the evolving flexible cloud-based business models are key to success.

A good example of Gilat's strategic partnerships is seen in Peru. Multiple offices, teleports, NOCs and Data Centers are dedicated to supporting telecom and technology projects for the Peruvian Government as well as multiple Telecommunications Service Providers.

These projects are significant in closing the digital gap in rural areas of Peru, enabling a wide range of technology integration capabilities including e-learning and early warning systems for emergency and natural disasters.

Gilat provides solutions for multiple verticals to address satellite broadband fixed and mobility access while meeting the most stringent service level agreements. Key applications include: in-flight connectivity, maritime, land mobility, cellular backhaul, public safety, social inclusion and enterprise.

Gilat's solutions have also been specifically designed to support the demanding digital transformation of the Government and Defense SATCOM sectors and particularly address the needs of the US DoD.

We provide secure communications solutions tailored to the unique requirements of defense, aerospace, broadcast, government, and critical infrastructure clients, backed by 24×7 customer care and global field support.

As an end-to-end solution provider, we offer completely integrated solutions, which include satellite capacity, remote network operation, call center support, field operations as well as terrestrial infrastructure and services.

Gilat has extensive worldwide capabilities including unmatched technical know-how, local presence, field experience and expertise, as well as large implementations of full turnkey solutions. Gilat has proven success offering a comprehensive high-value portfolio of SATCOM solutions to meet customers' business needs.

The more we combine our innovative technologies with the top-notch services and capabilities provided by our partners, the more people around the world can benefit from the connectivity revolution



Satcom for Today's Net-Centric Battlefield

	Globally proven advanced SATCOM solutions for Government and Defense
	Leading provider to US DoD and international MODs with transportable hubs, mini towable hubs, and a wide suite of military grade portable antenna terminals
(((0)))	Continuous and reliable high throughput connectivity across land, sea and air missions
<u> </u>	High level of transmission security, resilience & secrecy for Military COMMs/C6ISR operations
£	Robust, lightweight and reliable solutions for Unmanned Aerial Systems (UAS), Armored Fighting Vehicles (AFV), Transportable hubs, and Mobile Infantry (Manpacks)
	One-stop-shop including ground segment equipment for satellite VSAT networks, modems, antennas, portable terminals, BUCs and leading network management system

Deep Technology

We at Gilat understand that disruptive innovation is required to provide solutions with the higher throughput and flexibility that is essential for the New Elastix Space Era. Gilat's comprehensive, high-value solutions are comprised of three main categories:

- A cloud-based satellite VSAT network platform and high-performance satellite modems designed to provide orchestration and automation between the ground segment and the new software-defined space
- Cutting-edge, highly efficient and high-power Solid State Power Amplifiers (SSPA) and Block Upconverters (BUCs)
- High-performance SATCOM On-the-Move (SOTM) antennas and proven Electronically Steered Antenna (ESA) terminal technology

Gilat's innovative deep technology is the core of our leading equipment for VSAT platforms, SSPAs and antennas

Next Generation Technologies

VSAT Platforms



- SkyEdge IV is a multi-service, multi-orbit platform working in harmony with GEO VHTS and NGSO constellations
- Built with Gilat's Elastix-Architecture that supports programmable Software Defined Networks (SDN)
- Leverages cloud technologies to maximize operational efficiencies and create new business models
- Introducing Aquarius, a family of ultra-high processing capacity VSATs that can achieve >2Gbps throughput and includes Elastix-TotalNMS to orchestrate network management

Solid State Power Amplifiers



- Serve system integrators with Wavestream's field-proven, high-performance Ka, Ku, and X-band Solid State Power Amplifiers (SSPAs), Block Upconverters (BUCs), Block Down Converters, and Transceivers
- Built to exploit the full potential of GEO HTS and VHTS, as well as NGSO constellations and next-generation technologies
- Leading provider for the In-Flight Connectivity, Defense (Ground Mobility), and explosive NGSO Gateway markets
- Over 40,000 systems delivered in the past 15 years providing high quality and reliability under the harshest environmental conditions

Antennas



- Ka, Ku and X antennas deployed on maritime, land mobility, UAV and aero platforms
- Field proven panel, dish and Electronically Steered Array (ESA) Antennas
- Tested on GEO, VHTS and LEO constellations including seamless switchover between GEO and LEO
- Reliable, ruggedized, efficient, high performance and built to address most stringent RF and environmental military and commercial standards
- Incorporates OpenAMIP standard modem interface and unique ability to integrate with SkyEdge-IV VSATs for a best in class antenna-VSAT unified solution

The Right to be Connected

From the innovation capital of the world for over 3 decades, Gilat has continuously been a leading global provider of satellite-based broadband communications.

Throughout these years, we have been driven by our belief that everyone, anywhere and at any time, must have access to communication services to improve and enhance their lives, be it emergency services, medical care, education, social interaction, business, or recreation. Today, we are using deep technology to lead the New Elastix Space Era.

With proven expertise, a can-do attitude and a winning global team, we aspire to be the natural partner, bringing real value in the SATCOM market.

We are united in our resolution to provide communication solutions to all reaches of the world.

We understand that improving mankind's quality of life is both our responsibility as well as a critical factor in our success.

