

Ovzon

Ovzon 3

An entirely new class of communications satellite, bringing about previously unimaginable levels of mobility, throughput and resiliency. Ovzon 3 is a purpose-built SATCOM-as-a-Service solution for assured connectivity when and where you need it most.



www.ovzon.com



Ovzon 3 is the first of Ovzon's revolutionary new class of satellites

Ovzon 3's patented solution, with high-powered steerable beams and unique On-Board-Processor forever change the way we think about Mobility, Performance and Resiliency

Two key technologies distinguish Ovzon 3 as a disruptive capability in the world of satellite communications: first, the most powerful steerable spotbeams in space, and second, Ovzon 3's On-Board- Processor. Together they represent an entirely new class of communications satellite that forever changes the way we think about mobility, performance and resiliency.

Steerable Spot Beams

Five independent, powerful steerable spot beams dynamically deliver capacity to the right place at the right time. Ovzon 3's steerable spot beams provide the best combination of power density (EIRP) and antenna receive performance (G/T) in orbit.

On-Board-Processor

Ovzon 3's On-Board-Processor represents truly disruptive technology that enables previously unavailable resiliency for assured connectivity when you need it most. The OBP is a powerful and sophisticated in-orbit processing platform that delivers key features and directly connects deployed terminals across multiple beams when teleports are degraded, destroyed or otherwise unavailable.

Mobility

Ovzon's reputation as the industry leader in highest throughput to the smallest terminals is based on our current lineup of innovative, ultra-small, easy to use On-The-Move and On-The-Pause terminals.

Ovzon 3 will boost the efficiency and performance of the current lineup of terminals, and has sparked another round of innovation in the development of new terminals that are closer in form factor to a smartphone than traditional satellite terminals. Pound for pound, ounce for ounce, Ovzon satellite terminals will always outperform the competition.

Resiliency

All weather capability: The system is designed to minimize free signal space loss resulting in lower susceptibility to rain and varying weather conditions compared to the higher frequency bands.

Autonomous operation: Ability to continue Operation through a direct link between Ovzon 3 and our terminals even if the ground control station is destroyed.

Frequency hopping: Supports random uplink frequency hopping making interception or jamming very difficult.

Future proof and customer-specific-network-adaptable: Ovzon's OBP is reprogrammable in orbit to add new functionality and meet specific demands as they arise.

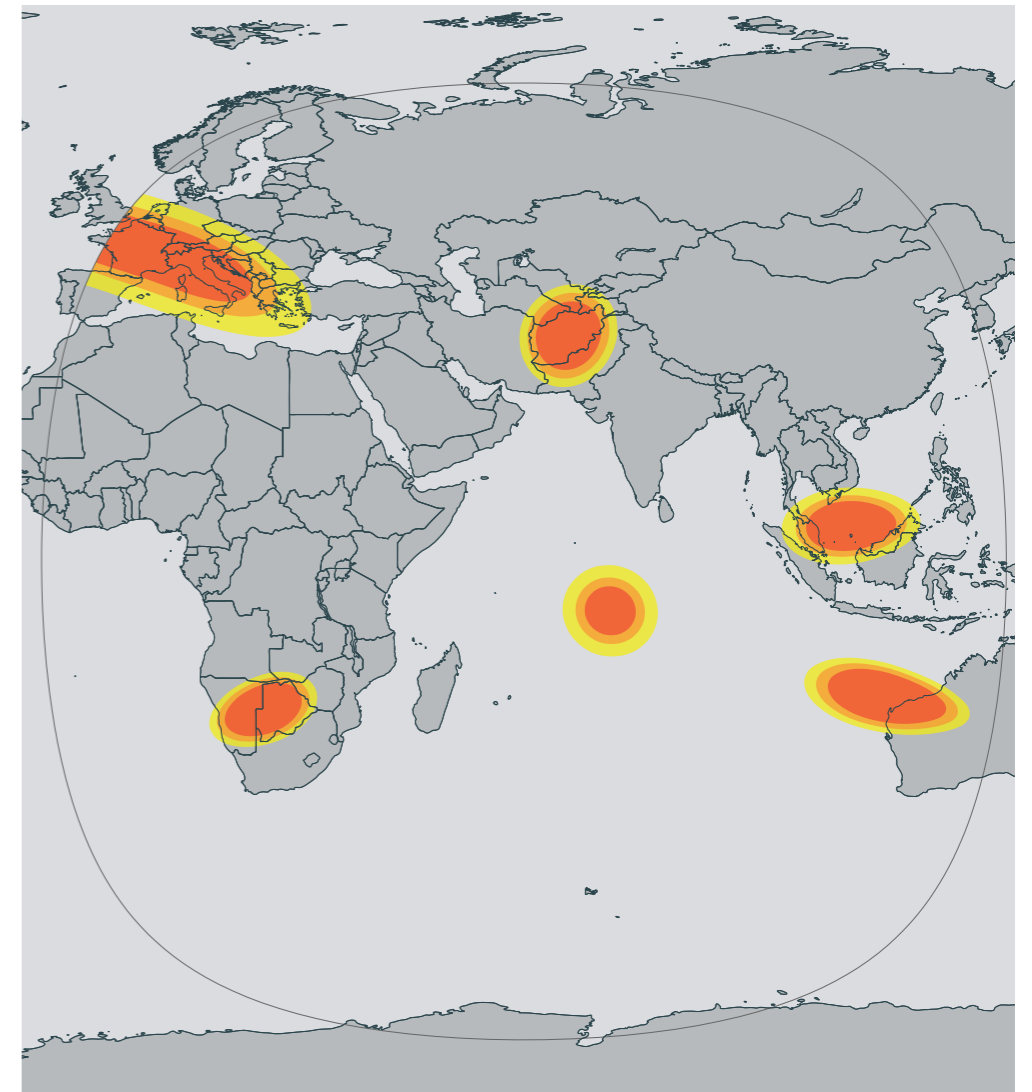
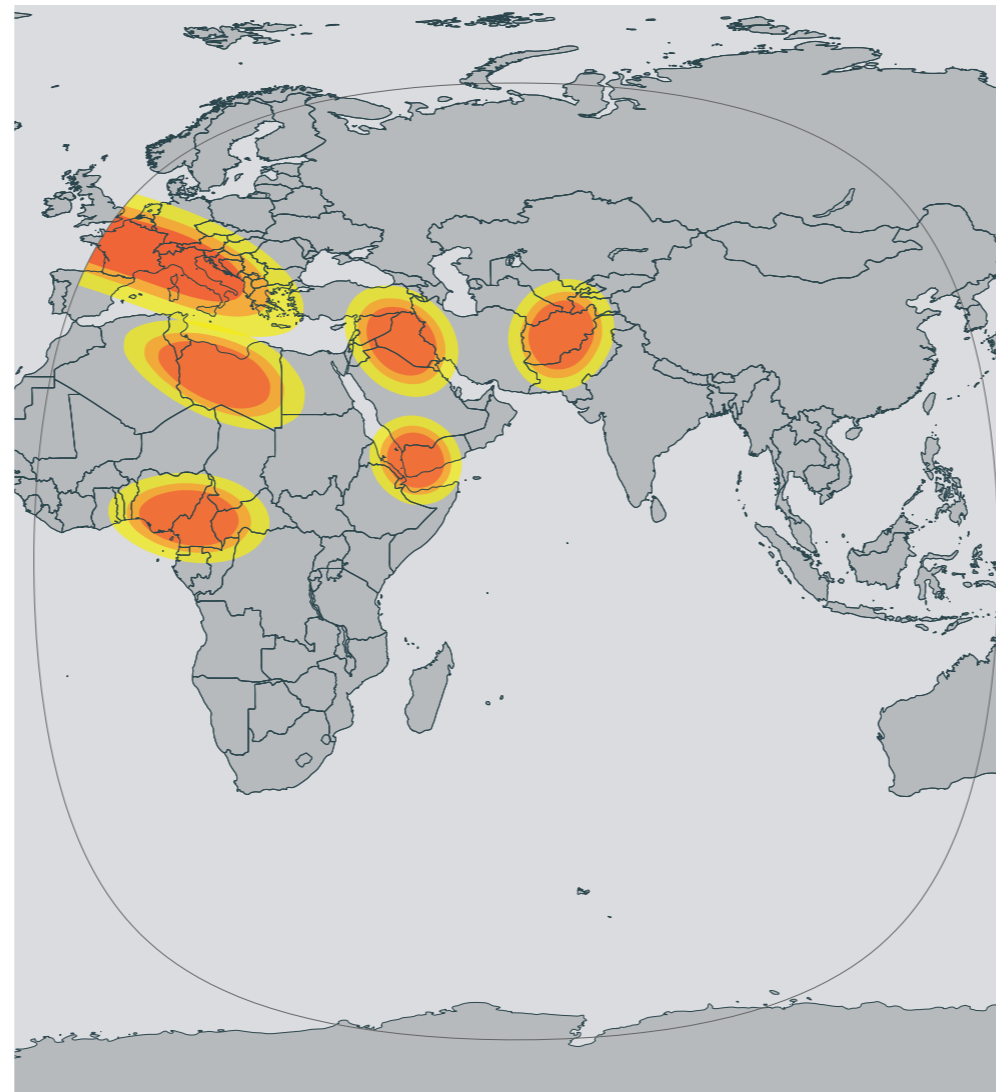


Illustration of Ovzon 3 beam steerability, coverage examples.

Ovzon satellite roadmap

Ovzon 3 is the first of multiple proprietary Ovzon satellites that will expand our global reach to meet our customers' increasing SATCOM-as-a-Service needs.

Ovzon satellite service plans

Ovzon offers three categories of satellite services with global reach using Ovzon's satellite network.

- Ovzon Hero, our advanced, customized high-performance service developed for the critical tasks of the most demanding customers.
- Ovzon Go, our flexible service for fixed usage model.
- Ovzon Plus, our essential service which offers flexible throughput rates as well as per GB data package.

Ovzon SATCOM-as-a-Service includes:

- Ovzon Airtime
- Ovzon terminal On-The-Pause and On-The-Move
- Internet Gateway access
- Terrestrial Backbone connectivity
- 24/7 customer service & support

Ovzon's broadband satellite terminals On-The-Pause or On-The-Move with Ovzon 3



Specifications	Ovzon T6	Ovzon T7	Ovzon OTM Mini	Ovzon OTM ESA
Transmit Data Rate	100 Mbps	5 Mbps	60 Mbps	12 Mbps
Receive Data Rate	120 Mbps	90 Mbps	100 Mbps	60 Mbps

Ovzon T6 is an On-The-Pause terminal. The Ovzon T6 is a lightweight, rugged, laptop-sized broadband terminal that can be deployed, aligned, and connected within less than one minute. The T6 includes Ovzon's patented antenna polarization technology that requires adjustment in only two axes.

Ovzon T7 is a very small broadband On-The-Pause terminal, about 1/4 of the size compared with its larger sibling, the Ovzon T6. The Ovzon T7 is simple to set-up, and designed to operate for hours on a common external battery. The T7 also includes Ovzon's patented antenna polarization technology that requires adjustment in only two axes.

Ovzon OTM Mini is a ruggedized and optimized broadband satellite terminal for On-The-Move applications and is ideal for UAVs, Maritime applications, and quick deployment tasks.

Ovzon OTM ESA is a small broadband satellite terminal with an electrically steered antenna and can be carried or installed on moving platforms. The terminal is ruggedized and ideal for demanding environments and in situations where a small form factor is required. Available 2022.

Ovzon 3 - Highlights



On-Board-Processor



Steerable beams



Global Reach



Higher Speed



24/7 Service & Support

Ovzon

Ovzon Sweden, Anderstorpsvägen 10, SE-171 54 Solna, Sweden. Phone: +46 8 508 600 60
E-mail: sales@ovzon.com
www.ovzon.com

Ovzon USA, 13461 Sunrise Valley Drive, Suite 110, Herndon, VA 20171, United States
Phone: +1 703 276-3333
E-mail: sales@ovzon.com
www.ovzon.com