

# 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](http://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 will forever change the way we think about Mobility, Performance and Resiliency

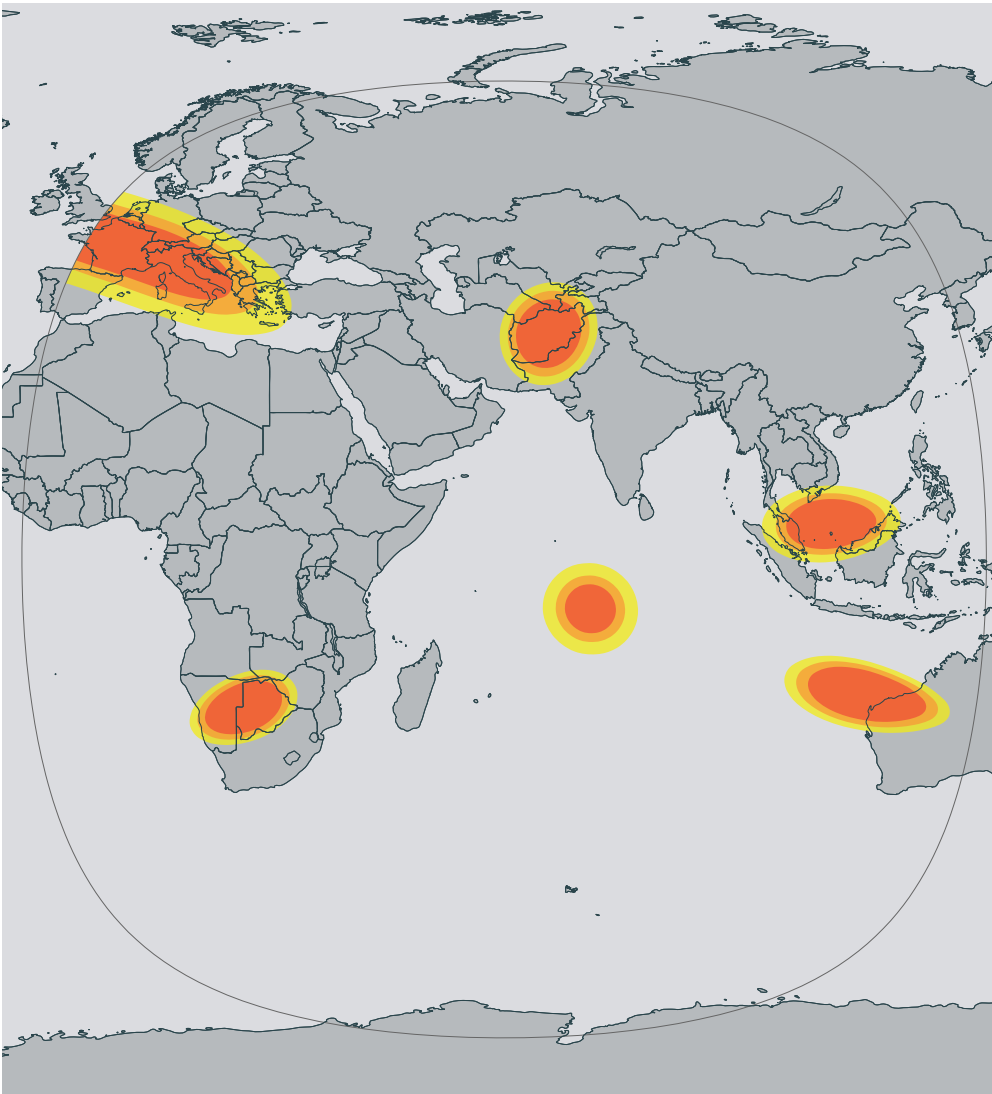
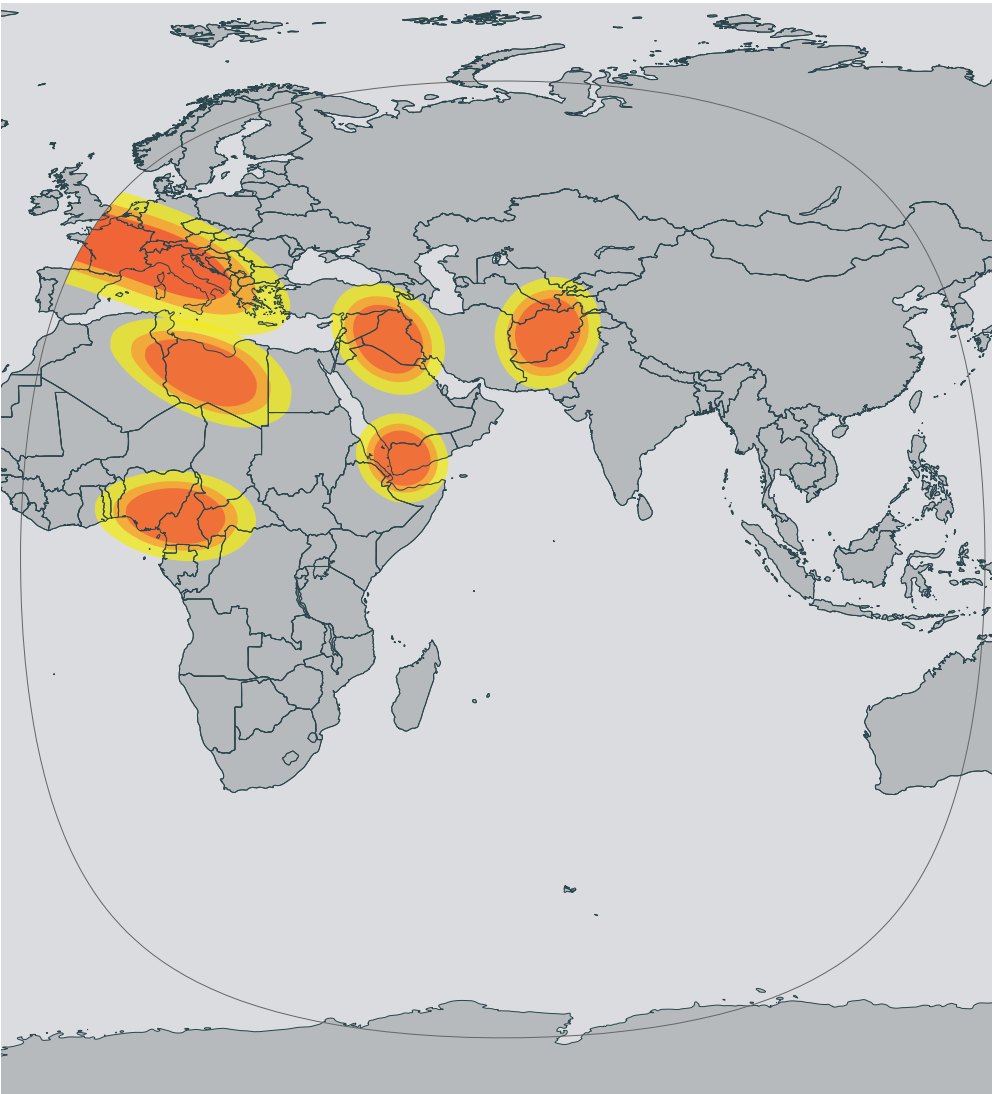


Illustration of Ovzon 3 beam steerability, coverage examples.

## Ovzon 3

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.





**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



Ovzon T6



Ovzon OTM Mini

Specifications	Ovzon T6	Ovzon OTM Mini
Transmit Data Rate	100 Mbps	60 Mbps
Receive Data Rate	120 Mbps	100 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 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 3 - Highlights



On-Board-Processor



Steerable beams



Global Reach



Higher Speed



24/7 Service & Support

Ovzon

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