



Multi-band, multi-orbit maritime connectivity

FOR GOVERNMENT

Powering your connections. Protecting your links.

High-capacity. High-performing. High-speed. **Hybrid.**

Our multi-band, multi-orbit (MBMO) maritime connectivity solution provides resilient, reliable, and seamless communications to government ships and other vessels.

Designed for flexibility, MBMO delivers continuous, secure connectivity where needed around the world, including in remote and challenging environments, by intelligently switching to the most optimal band and satellite network for seamless available service.



Smart, resilient

Backed by intelligent orchestration and real-time control, MBMO delivers superior operational confidence by seamlessly integrating GEO and LEO constellations under a single, resilient network.



Robust yet streamlined

With high throughput, mission-prioritised traffic management, and a simplified subscription model, MBMO helps governments gain capability without complexity.



Adaptable

At sea, MBMO remains fully adaptable to vessel requirements, and maintains consistent performance even when bad weather sets in or when line of sight connection is disrupted — delivering reliable connectivity with assured service.

MBMO also enhances crew welfare through access to high-quality streaming, video calls, and more, even during extended operations at sea, without interrupting mission communications.



Ready for what's ahead

MBMO is underpinned by future-proofed technology designed to evolve with mission needs, for long-term capability, scalability, and interoperability with next-generation systems.



The future of maritime connection from a trusted solutions partner

- › Network resilience via GEO/LEO backbone
- › Built-in flexibility with intelligent underlay selection, PACE support, and policy-based routing — moving the right traffic across the right path, at the right time
- › Centralised bandwidth management through SD-WAN backbone
- › Guaranteed global network priority
- › Enhanced security features
- › Simplified subscription and billing — integrating all providers into a single service
- › Access to global coverage
- › Private SaaS cloud dedicated to the user
- › 100+ Mbps maximum information rate (MIR) for large data applications

Continuous connectivity is on the horizon

Need seamless transitions between LEO, GEO, and other networks with failover capabilities for uninterrupted, secure comms?

Looking for integration with sovereign networks and strong encryption?

Expecting optimised latency-sensitive applications and ensured high SLAs via dynamically switching orbits?

MBMO supports PACE by providing reliable, resilient, and secure multi-layer connectivity

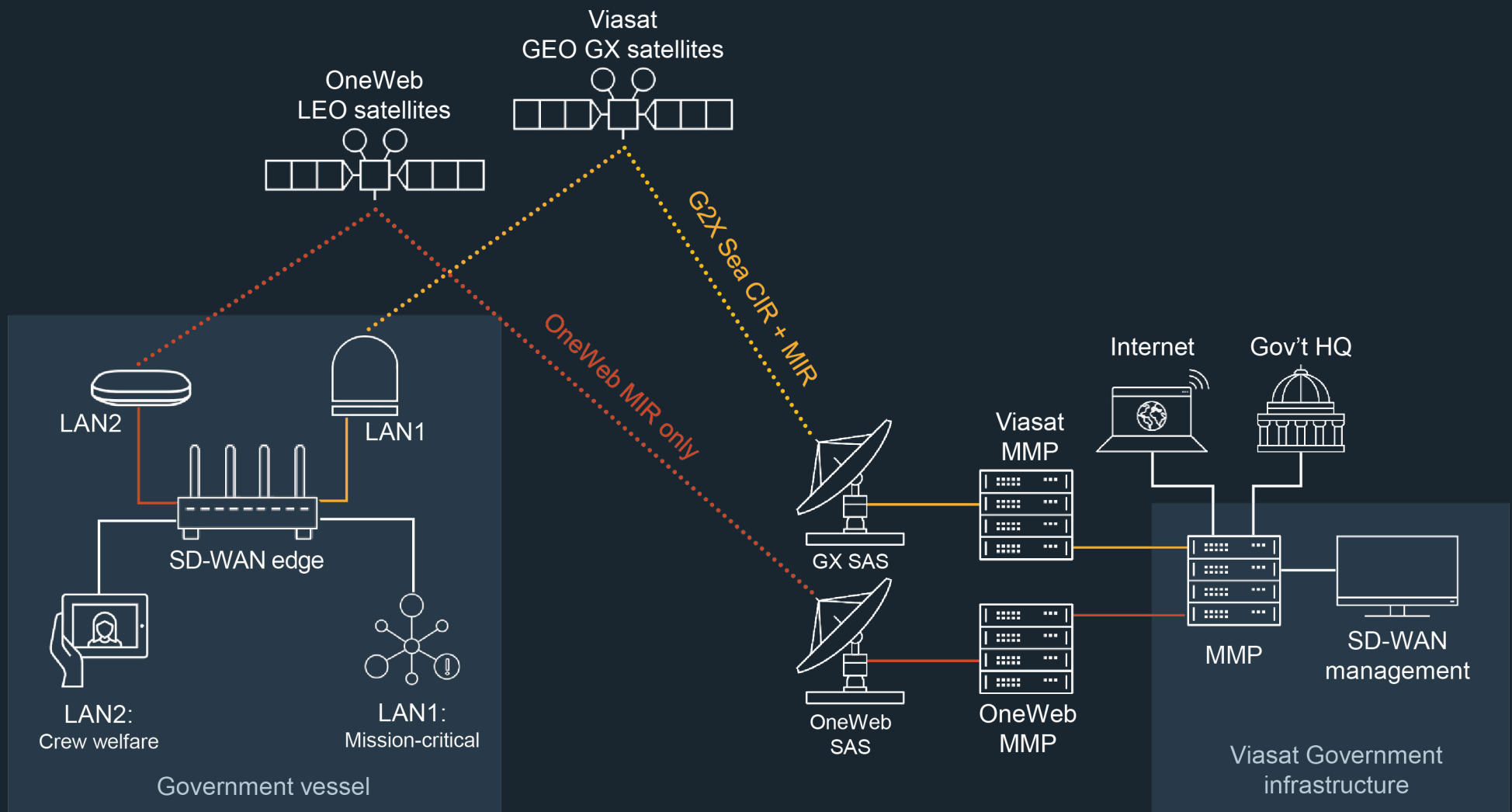
MBMO delivers enhanced security by automatic orbit/network/frequency switching to counter EW threats and increase redundancy

MBMO covers both tactical and strategic operations: GEO for command, ISR and coordination; LEO for high-speed, low latency field communications

AT A GLANCE

- › Smart orchestration of networks at sea
- › Fully managed and resilient multi-orbit operations
- › Security assurance with customer control

How it works



MBMO architecture

SD-WAN-based

MBMO leverages cutting-edge SD-WAN technology from Versa Networks to deliver a robust and streamlined network management experience for:



Unified management

A single, intuitive interface allows for easy administration of the entire SD-WAN network.



Enhanced control

With administrative access to the SD-WAN suite, the network is created, configured, monitored, and controlled with precision.



Scalability

The solution is designed to support a large number of remote and edge devices, enabling seamless growth.



Encryption/security

MBMO uses encrypted tunnels for data plan transport, so all data is encrypted and secured, regardless of the ship to shore WAN transport method.

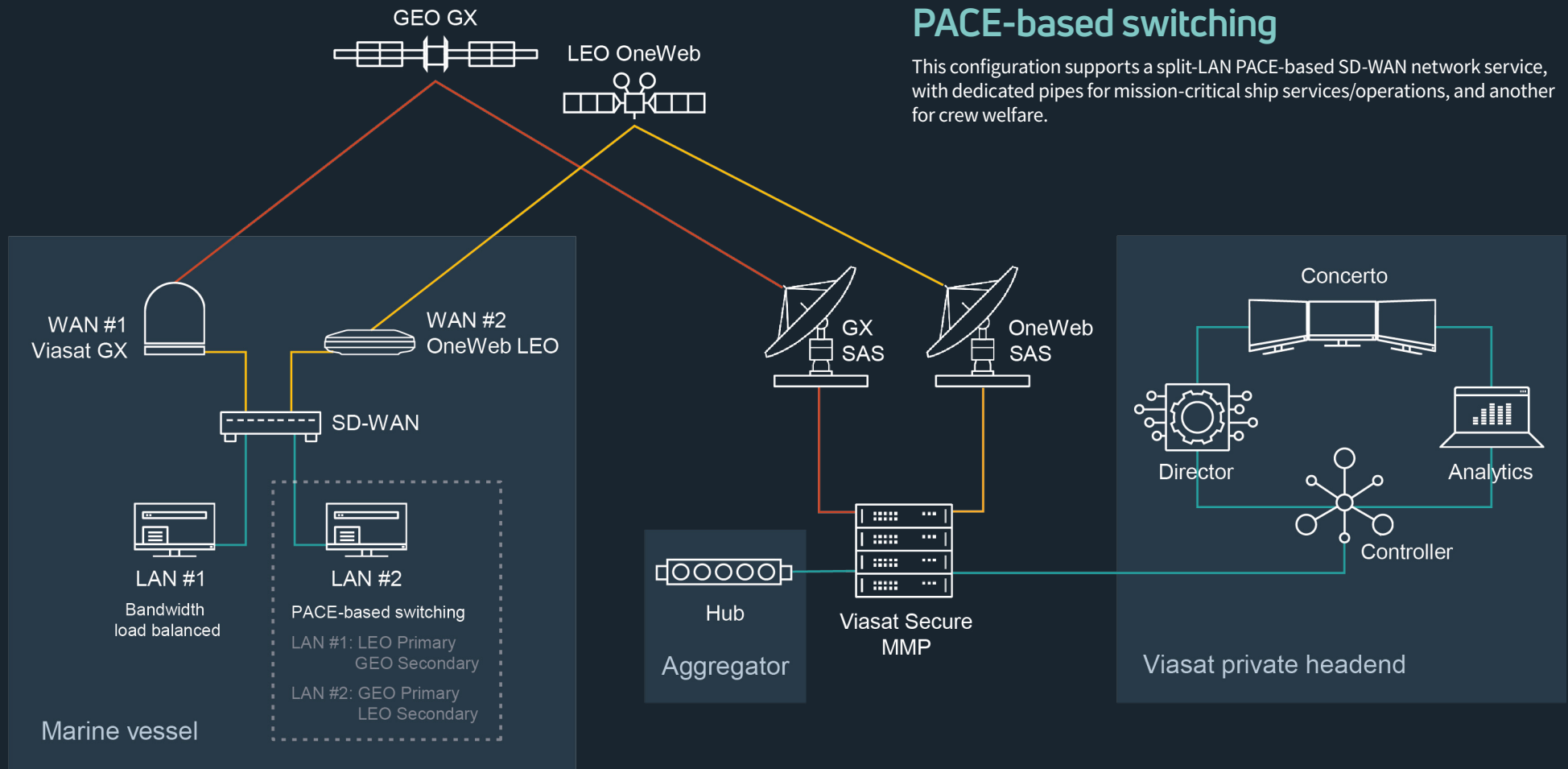
Configuration options

Bandwidth weighted load balancing

In this configuration, a single LAN with load-balanced LEO and GEO underlays support both ship operations and crew welfare services simultaneously.

PACE-based switching

This configuration supports a split-LAN PACE-based SD-WAN network service, with dedicated pipes for mission-critical ship services/operations, and another for crew welfare.



How to find out more

We are proud to be a trusted partner for government and defence agencies around the world. Reach out to speak to our team directly about the right solution for your mission.

Email: VIGsales@viasat.com

Visit: www.viasat.com/mbmo



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