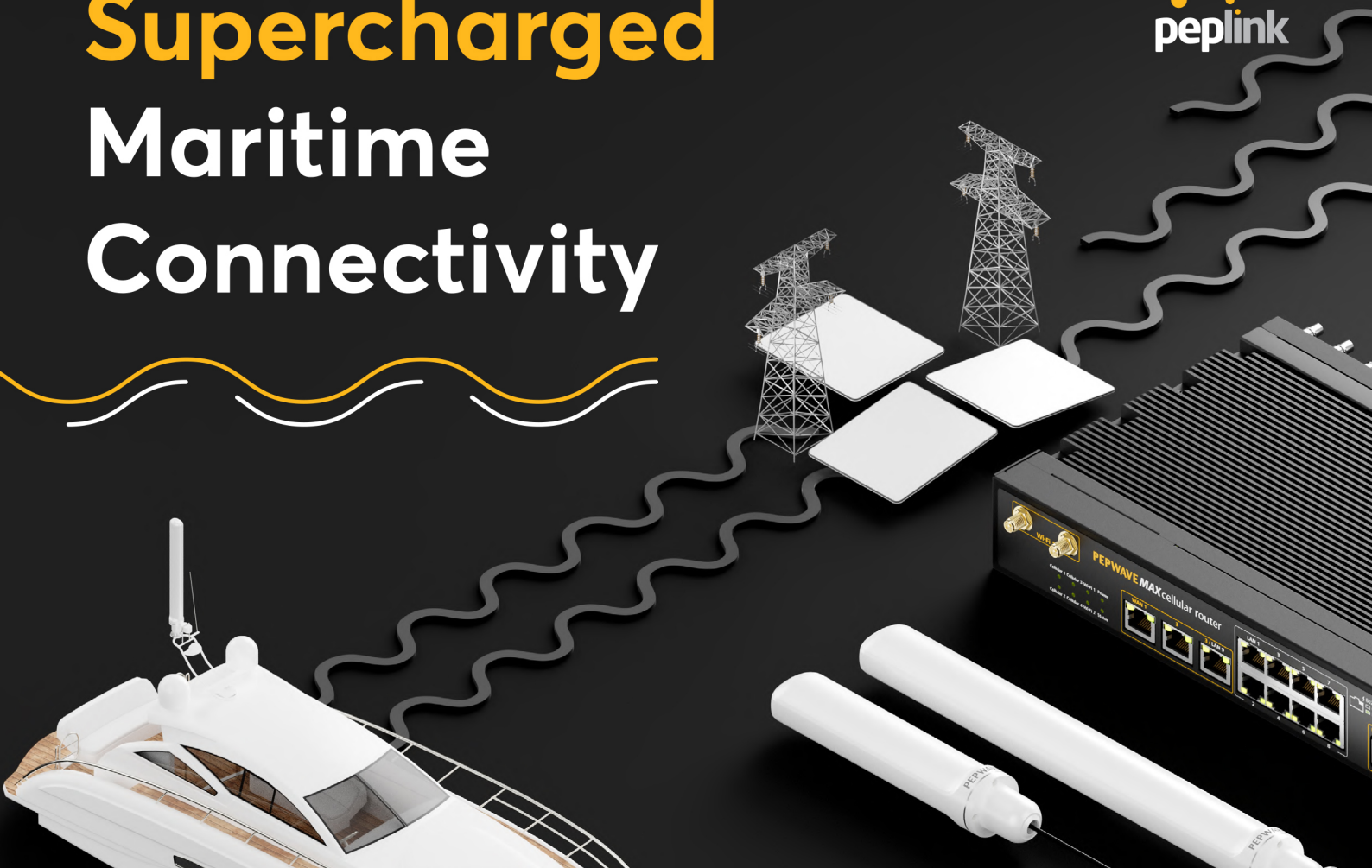


Supercharged Maritime Connectivity



About Peplink



Cutting-Edge Provider of Wired and Wireless Connectivity

Peplink makes connectivity reliable. Peplink's ecosystem, SpeedFusion technology and routers have been deployed around the world, helping thousands of customers from many industries increase bandwidth, enhance internet reliability, reduce connectivity cost, or enable new deployment possibilities.

The slide features decorative elements including wavy lines in orange and black at the top and bottom, and several orange circles of varying sizes on the left side.

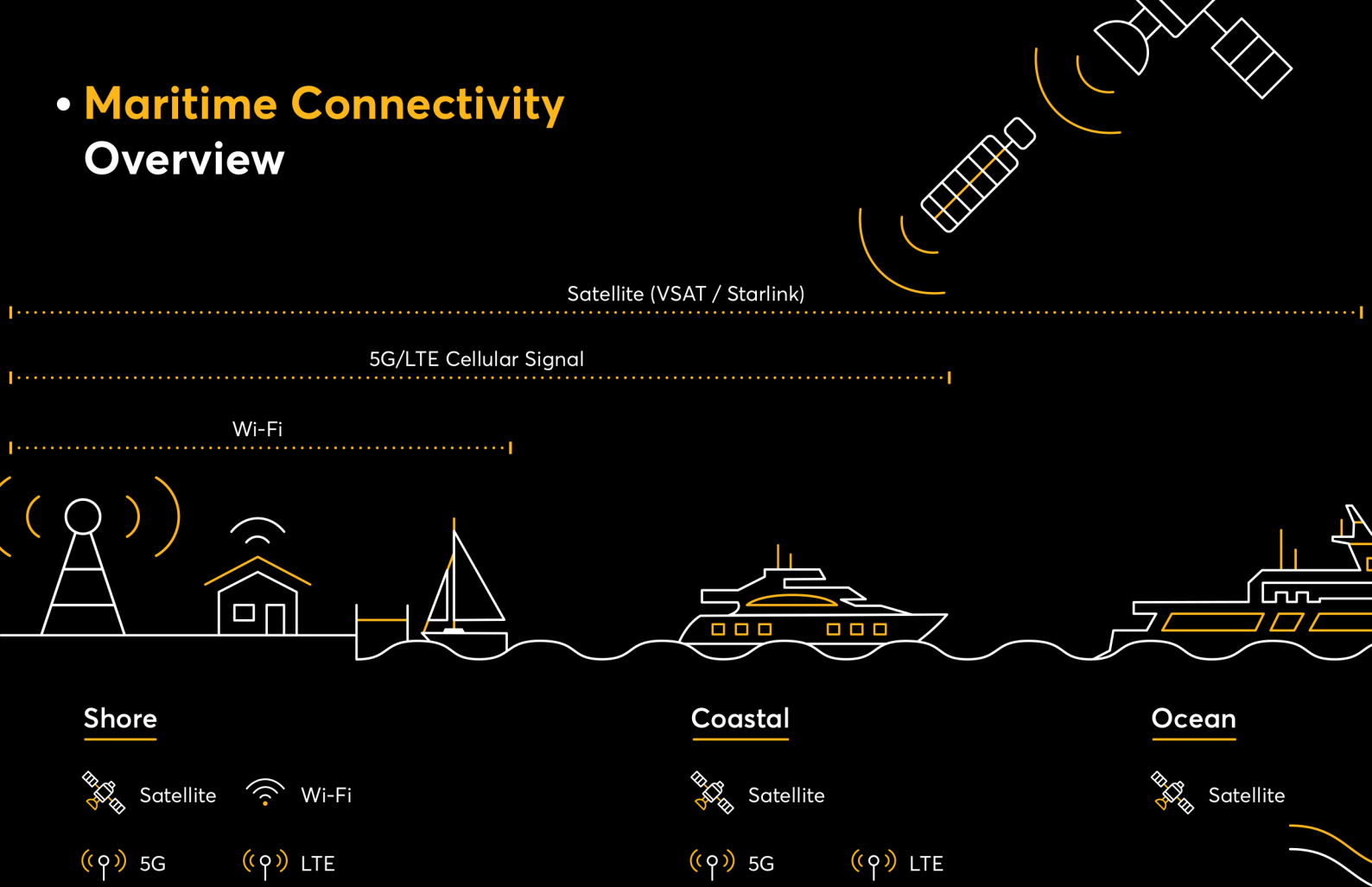
We Make

- Maritime
- Connectivity

Possible.

Peplink combines multiple cellular, Wi-Fi and satellite connections for reliable and fast onboard connectivity.

• Maritime Connectivity Overview



• **Challenges** in Maritime Connectivity



VIEW



Fluctuating Network Availability

Network availability and speed of links vary based on the vessel's location. Peplink combines any connection to ensure connectivity is always available.



Bandwidth Need for Shipboard Resources

Incumbent satellite solutions can no longer accommodate the rising bandwidth requirements for streaming IPTV, email, access to company servers and external cloud and CCTV footages.



Costly and Inflexible Solutions

One-size-fits-all solutions are often provided for a variety of needs, resulting in inadequate performance or unnecessarily high costs for even the most basic requirements.

• Peplink's Maritime Connectivity Solution



VIEW

SPEEDFUSION
Connect

SpeedFusion
Connect Protect

5G/LTE
VSAT
Port Wi-Fi

Access Point

HD4 MBX 5G

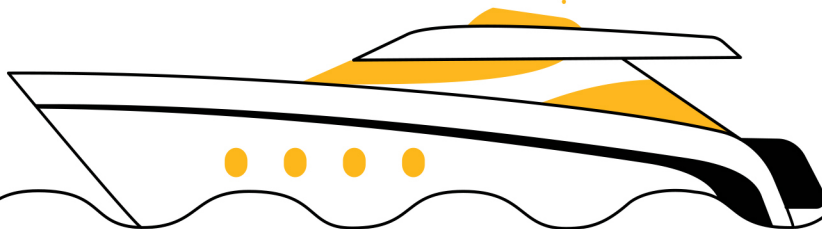
Maritime
Antenna

PEPWAVE MAX

SIM Injector

SD-Switch

peplink



• **Challenges** of Using Starlink at Sea



Signal Drops Due to Obstructed View

Starlink requires an unobstructed view of the sky. Yet, the air over the sea holds more cloud cover and moisture, which may largely affect signal transmission.



Limited Coverage

Starlink service currently only operates in the coastal seas of certain countries. The limited coverage makes a network solely dependent on it even less reliable.

• Peplink & Starlink Integration



VIEW

Solutions Page

SDX Pro

Acts as a connectivity hub where 5G and Starlink enter and are bonded. Future-proofed with 2x FlexModule slots for you to customize your networks over time.



FlexModule SIM Injector

Houses SIMs that can be provisioned to the Dome Pro LR as needed.

Dome Pro LR

Maintains 2x 5G connections from over 25 miles offshore. Outperforms traditional router plus antenna options with its embedded long-range antenna that minimizes cable loss.

4x Starlink

Keeps the yacht connected when cellular is out of range.



Internet

SPEEDFUSION
Connect

Starlink x4
5G x2

SpeedFusion

Bonds all connections together for greater reliability, resilience and bandwidth.

• Peplink & Starlink



[VIEW](#)
Press Release



STARLINK

Peplink, officially Starlink's first Authorized Technology Provider, provides robust networking solutions for diverse environments through a global network of Authorized Peplink & Starlink Solution Providers.

This collaboration evolved from a project on a 5000-passenger cruise ship, where Peplink teamed up to aggregate multiple Starlinks to provide reliable gigabit Internet. By combining Peplink and Starlink, reliable and resilient networks are made broadly accessible in even the most challenging physical conditions, such as at sea.



Backup Terrestrial With Satellite



Use Multiple Starlinks in the Same Network



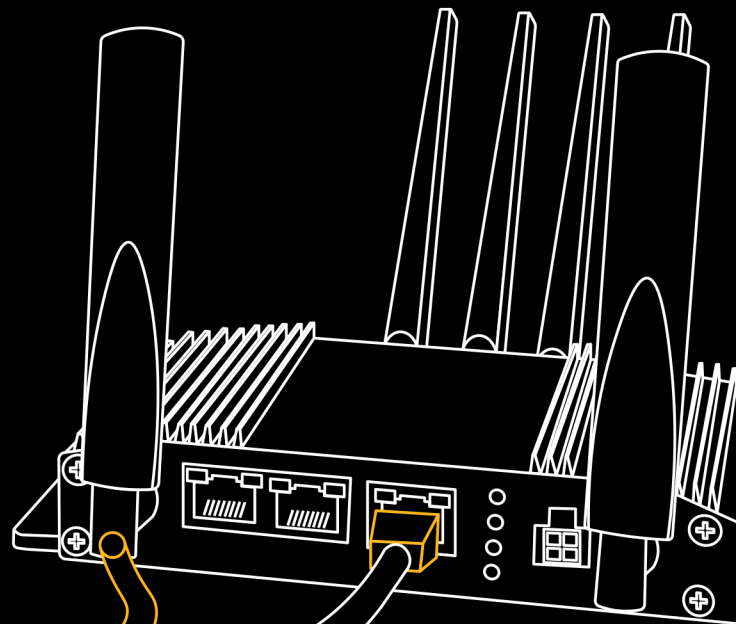
Easily Manage All Devices on the Same Platform



Router Features Made Specifically for Starlink



Featured Products for Maritime Connectivity



With dual 5G/LTE modems, dual Ethernet, USB, and Wi-Fi WANs, the BR2 Pro complements any onshore or offshore deployment with several connections for maximum uptime.



VIEW

BR2 Pro

Dual 5G Modem Cellular Router



 2x 5G modems

 Wi-Fi 6

 PoE Input






VIEW

HD4 MBX 5G

5G Quad-Cellular Powerhouse

The MBX can receive 5G signals offshore (with a good antenna setup) to minimize satellite bandwidth costs. Supports Wi-Fi as WAN near pier facilities.

 4x 5G modems



Bandwidth Bonding



Wi-Fi 5



VIEW

Dome Pro

5G Cellular Routers for
Outdoor Deployments



Dome Pro LR



Embedded Antennas



Wi-Fi 6



Wi-Fi as WAN

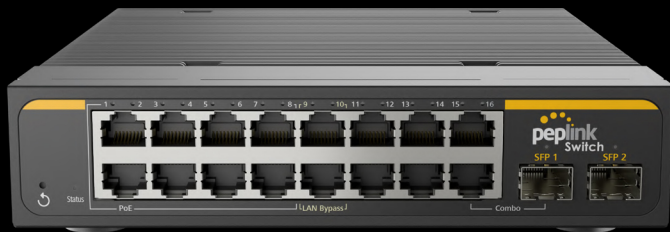


IP67

HD1 Dome Pro



Dome Pro Duo



VIEW

SD-Switch

16 Port Rugged

Simplified LAN Management

Network switch fully manageable with InControl 2 cloud management. Multiple PoE+ output reduces cable needs.



PoE+ Output



High Capacity Uplinks



Out-Of-Band Management



Add up to 8 SIM cards. Mount the HD Dome / MBX on the mast and manage SIMs from below decks.



VIEW

SIM Injector

More SIM, More Range



Support up to 8 SIM cards



VIEW

Maritime Antenna

High-Gain Antennas
Ready to Set Sail with
5G Connectivity



5G Ready



IP68 Rated and UV proof



Ultra-High Gain



GPS Support*
*Excluding Maritime 10.

Maritime 40G

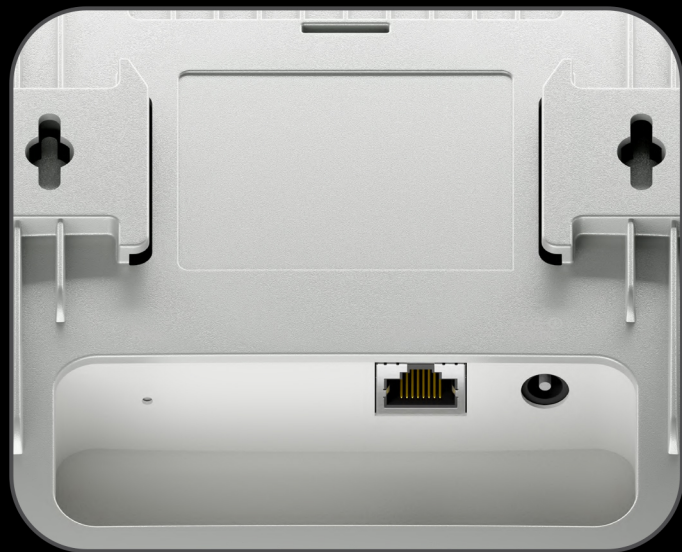


Maritime 20G



Maritime 10





Access point extends Wi-Fi signal to cover the whole vessel. Fully manageable with InControl 2 cloud management.



VIEW

AP One AX

Better Coverage and Speed with Wi-Fi 6



Wi-Fi 6



AP Controller Support



InControl 2 Support



Success Stories **for** **Maritime Connectivity**



Solution • BR1 Pro 5G

Motor Yacht

Manage both 5G and satellite connectivity while integrating the onboard communication and entertainment systems with the network.



Catamaran Boat

Optimize the seamless integration of Starlink connectivity with the cellular system by using a dual-5G router and high-gain antennas.



Solution • BR2 Pro + Maritime 40G + Starlink



Solution • 16-port Switch + HD4 MBX 5G

80m Motor Yacht

Supplement the existing satellite network by using a quad-cellular router which allows for Bandwidth Bonding. Simplify LAN management with a switch.



Cruise Line

Support the large bandwidth requirements of a cruise line by bonding multiple Starlink and cellular connections together. Leverage multiple internet sources, including port Wi-Fi, cellular, and satellite to create an always-on network.

Solution • EPX + Balance 2500 EC



+ HD1 Dome Pro + Starlink



Solution • SDX Pro + Dome Pro LR

Cargo Vessel

Enable long range cellular connectivity surpassing 40km from the coastline for communications and operations. Pair cellular and satellite connectivity for a redundant offshore network.



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