



# OneWeb

**USE CASE**

## The connected bridge

High-speed, low-latency workplace connectivity at sea

Connect with



OneWeb



speedcast





**Enhanced connectivity**  
improves communications for key  
functions such as purchasing, placing  
orders, or repairs while at sea.

## The connected bridge

### High-speed, low-latency workplace connectivity at sea

Ship owners and operators are looking for new ways to optimise their vessel performance in a highly competitive marketplace. Keeping in touch with vessels at sea and working with them as if in a normal office environment can be a crucial differentiator.

OneWeb is enabling a highly-functioning office at sea, through low Earth orbit (LEO) satellites. Offering global and ubiquitous connectivity, seafarers will experience a workplace comparable to on land. Enhanced communications with colleagues onshore allow teams to feel more valued, and enable realtime collaboration. This can increase productivity across the entire organisation and ensure that assets, cargo, and staff are connected at all times.

High-performance LEO satellite connectivity delivers terrestrial broadband speeds and low latency. This allows applications that have struggled with traditional satellite connections to operate effectively. OneWeb can provide ships with up to ten times faster speeds meaning crews can access widely-used streaming applications such as video conferencing, for eg Microsoft Teams calls, and social media tools.





**Ships officers** need greater access to data to make better informed decisions.

### Connectivity challenges

Today, ship owners and operators have a need to connect their bridge at sea to their offices on land. Fleet-wide ship management software, as an example, will allow them to make better-informed decisions. Ship's officers need access to the same collaboration tools, to work normally with colleagues on land, sharing ideas and documents via email and instant messenger, attending team calls, and streaming video from any location.

### Connectivity solutions

The high bandwidth and low latency of LEO satellite connectivity can finally connect the office at sea. Ships that are integrated with corporate headquarters on land can access fleet-wide operational software, and tools to manage aspects of a voyage as diverse as procurement, crew rotas, supply chain management, vessel repairs and maintenance, and payroll. Connecting the ship to an always-on network allows cargo to be monitored and tracked throughout its journey. Ship owners who deploy workplace applications like video conferencing, collaboration tools, email, and cloud storage, are better equipped to improve efficiencies and services.



## Enhanced opportunities

### Enabling the office at sea

With LEO satellite connectivity, maritime organisations can enable the office at sea. Connecting colleagues from the ship to offices onshore, increases new levels of collaboration, more accurate data analysis, operational efficiencies, better informed decision-making, and gives crew a more satisfying workplace experience onboard.

### Delivering next gen supply chain

OneWeb LEO satellite connectivity can enable the connected supply chain for vessels at sea. With many ships carrying perishable or time-sensitive goods like food or medicines, the ability to monitor the condition of goods, or track their whereabouts using connected sensors, can be invaluable. A connected supply chain can give ship owners and operators greater control and visibility to help streamline logistics end-to-end.

### Latency enables cloud

LEO satellite connectivity can help ship owners and operators embrace the power of working in the cloud onboard. OneWeb offers high speed and low latency, meaning applications designed for use on land can be enabled, such as cloud apps. Furthermore, latency means responsiveness: you can get instant answers via reliable video calls (MS Teams, Zoom) to colleagues, and real-time human interaction.







**Connected Supply Chain:**  
enable end-to-end tracking  
and cargo monitoring.

## Enhanced and new applications

### The office experience at sea

Deploy the connected office to vessels at sea, so crews can operate just as they would in a land-based office.

### All the enterprise apps

Deliver a remote work environment onboard with unified communication and collaboration tools, video conferencing, email, cloud apps, and document sharing.

### Essential software and back office

Ability to liaise with company purchasing department and place orders for parts, repairs, or technicians while at sea.

### Coverage everywhere at sea

Ubiquitous coverage: ships receive the same fast, reliable connectivity no matter where they are.

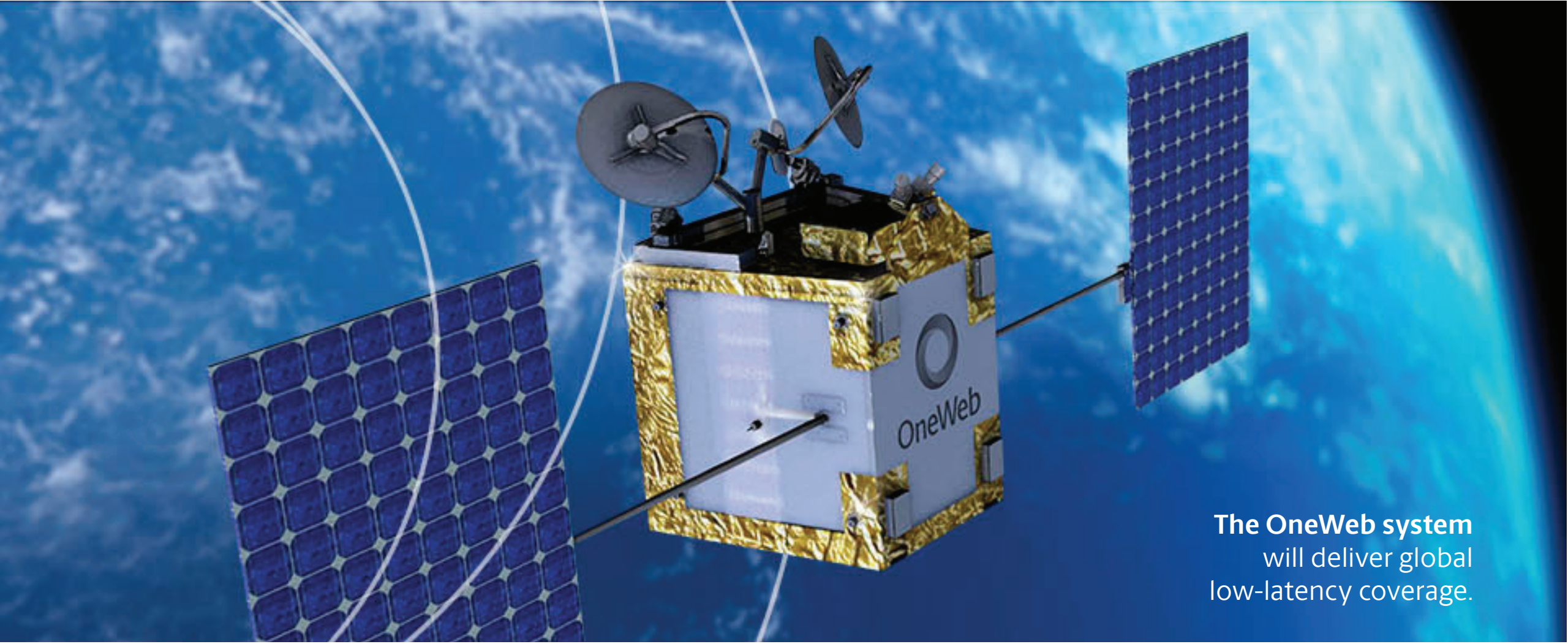
### Connected supply chain

Enable end-to-end tracking and cargo monitoring for real-time integration in the wider supply chain.

### Fleet-wide software

Deploy fleet-wide ship management and enterprise resource planning software for improved efficiencies.





## Global space-based connectivity made easy

OneWeb's high speed network removes the barriers to fleet modernisation, allowing ship operators and their officers onboard to access connectivity with ease and forge ahead with their digitalisation journeys.

Our products and plans deliver the data speed, reliability and low latency that enables workers to be more efficient and companies to make better-informed decisions. Our User Terminals (UTs) are simple to order, deliver, install, and maintain. OneWeb designs primary, backup, and hybrid network solutions for the requirements of modern maritime companies.





**Speedcast** is OneWeb's Global Distribution Partner and will be integrating OneWeb's Low Earth Orbit (LEO) satellite connectivity into Speedcast's Unified Global Platform (UGP). Together with OneWeb services, Speedcast's global platform will ensure customers in the maritime, energy and enterprise industries benefit from a multi-path, multi-orbit future that includes new LEO connectivity options.

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**Book a Demo with Speedcast**

E: [info@speedcast.com](mailto:info@speedcast.com)

W: [www.speedcast.com/oneweb](http://www.speedcast.com/oneweb)