How do you shield what matters at sea?
How do you master the underwater domain to protect a nation?
We have the answer.

Ocean Barrier

Draw the line at sea

WHAT IT IS

One system
Total awareness

Ocean Barrier is a fully integrated, scalable underwater surveillance system designed to secure territories and protect critical infrastructure.

It is a fully connected system where everything works as one. The sensors beneath the waves. The data collection along the shore. And the operator environment at the heart of it all.

Protect a location or a nation

Built to adapt, the system performs just as well in localised deployments as it does across national waters and large-scale infrastructure. Whether you need to safeguard a single site or secure a country, the system scales effortlessly with your mission.

WHAT YOU GAIN

See what doesn't want to be seen

Observe, orient, decide and act before intruders even know you're aware. By tracking and identifying underwater activity the system spots hidden threats, protects territory and ensures nothing slips beneath your guard.

Reveal the last hidden domain

Get a recognized maritime picture across open waters, archipelagos, harbours and critical infrastructure. With updated data guiding every decision, you spot threats earlier, act faster and focus efforts where they matter most.

Gain around-the-clock awareness

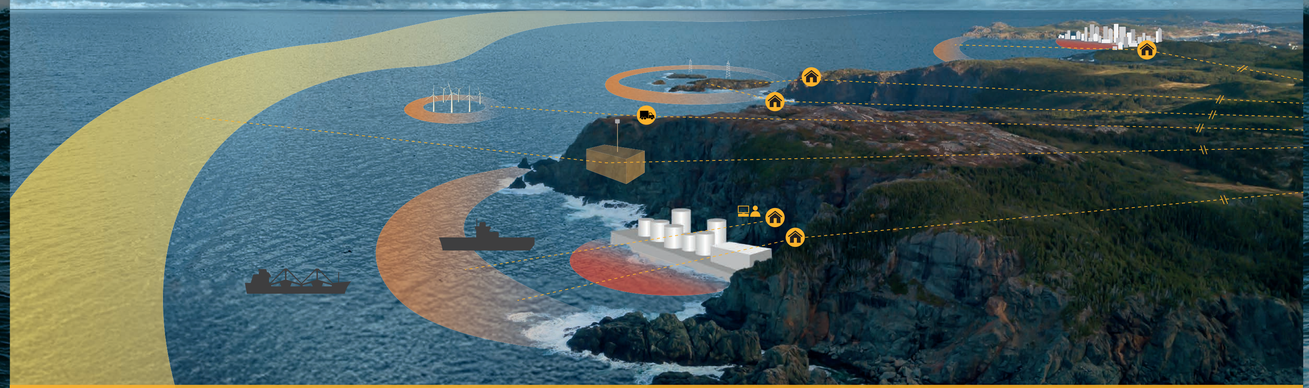
Know what happens where human eyes and ears can't keep up. Powered by sensor data in a fully connected system, you're never left blind. Be everywhere at once without relying on stationary vessels to keep watch.

Build for today, be ready for tomorrow

With a modular, scalable architecture, the system evolves as threats and needs change. Letting you add new capabilities and analysis methods as they emerge. Scale on your terms and stay ahead of what comes next.

Built for full-domain awareness, modular and cyber-secure, and ready for any nation, authority or enterprise, large and small.





SYSTEM CONFIGURATION

Ocean Barrier comes in three major configurations, based on proximity to vital targets or coastline.

Use them standalone or fuse them into a larger, integrated system.

DETECT

For larger coastal areas, farther from shore and beyond to the open sea.

PREVENT

For archipelagos, coastal sounds, bays, fjords and near-shore areas.

PROTECT

For harbours, power plants and critical coastal installations.

HOW IT WORKS

Sensors

Underwater and surface sensors, linked by robust cabling, capture the signatures that matter. Their interfaces digitise each signal for the data collection subsystem, turning hidden activity into actionable input for the next step.

Data collection

A scalable, modular solution that carries data from any deployment – from small setups to large networks – into the operator environment. It integrates any sensor and provides full sensor control for reliable decision input.

Operator environment

This is where sensor data becomes awareness. Whether it's a local workstation near the sensors or a remotely located surveillance center, it provides the IT infrastructure and software needed to monitor and analyse the operational area.