

An aerial night-time photograph of two large cargo ships on the ocean. The ships are illuminated by their own lights, and the water around them is dark. Overlaid on the image are several glowing, multi-colored lines (green, yellow, orange) that trace the paths of the ships, suggesting a digital tracking or monitoring system. The lines are complex, showing multiple loops and turns, indicating a detailed analysis of the vessels' movements.

OCIANA®

Shadow Fleets Lie. Behaviour Doesn't.

**Detect deception, expose vessel
behaviour, and act with confidence**

OCIANA® enables operators to identify deceptive maritime activity, including dark vessels, suspicious rendezvous, and sanctions evasion.

The Maritime Threat Challenge

As shadow fleets expand in response to geopolitical pressure, they operate in the grey zone using deception, not absence.

- ❗ Vessels manipulate AIS, identity, and movement to evade detection
- ❗ Reported data cannot be treated as ground truth

- ❗ Analysts must reconcile fragmented data under time pressure
- ❗ Ownership and operational intent are deliberately obscured

The problem is not lack of data but lack of clarity.

OCIANA® Approach

OCIANA® is an operational intelligence layer that exposes vessel behaviour, not just reported signals:



Persistent behaviour analysis
across time



Correlation of identity,
movement, and operational patterns



Detection of deceptive
and non-compliant activity



Explainable outputs to support attribution
and enforcement decisions



Mission-driven alerts
and investigation workflows

OCIANA® does not generate more alerts, it surfaces what matters.

From Data to Operational Intelligence



Detect

Expose deceptive vessel behaviour



Understand

Establish attribution through persistent behaviour analysis

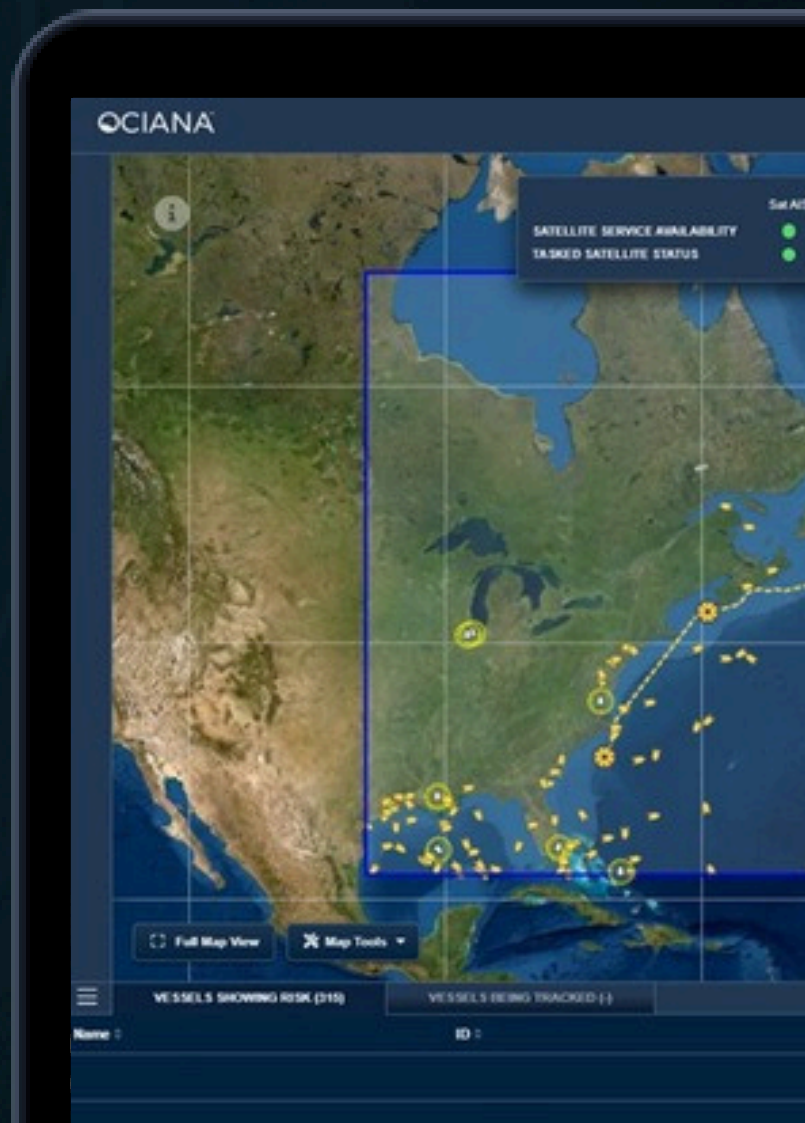


Act

Enable timely, defensible decisions

Key Operational Use Cases

- ✓ **Vessel Identification & Tracking:**
Track identity consistency and detect manipulation over time.
- ✓ **Arctic Region Awareness:**
Maintain awareness in low-visibility, low-coverage environments.
- ✓ **Chokepoint Surveillance:**
Detect vessels attempting to transit undetected or manipulate behaviour.
- ✓ **Sanctions & Embargo Enforcement:**
Identify deceptive shipping networks and illicit transshipment activity.
- ✓ **Border & Sovereignty Monitoring:**
Detect incursions, loitering, and non-compliant behaviour within sovereign waters.



OCIANA® is not a vessel tracking system.

It is an operational intelligence capability that identifies which vessels matter, explains why, and supports action.

In environments where identity is unreliable and signals are manipulated, OCIANA® enables operators to focus on behaviour, maintain attribution, and act with confidence.

About OCIANA®

OCIANA® is the maritime operational intelligence layer that fragmented maritime data into clear, explainable insight on vessel behaviour. It enables operators to detect threats earlier, determine intent, maintain attribution over time, and act with confidence in complex and ambiguous environments.

To learn more, visit ociana.com.

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