Hyperaware.

Trusted Spatial Asset Tracking

Hyperaware fuses trusted IoT, enclave computing, cryptography and smart contracts to create a decentralized spatial asset tracking and governance system. With our technology, we are able to reliably confirm whether a connected vehicle (maritime, aerial or terrestrial) has entered a specific area on Earth without the vehicle sharing its exact location.

(Optionally) Privacy Preserving

If you need to ensure **confidentiality** of location, but still need to prove where something is or is not, Hyperaware is for you.

Tamper-proof and Immutable

Hyperaware uses **Trusted Computing** technology and cryptography to ensure that data collected on a vessel is tamper-proof.

Automatically Actionable

Our **Smart Contracts** ensure that when conditions are violated, action is taken automatically based on the agreed predefined criteria.

This is possible using a new technology called **enclave computing**. Our software runs inside an **Intel SGX** enclave, meaning encrypted location data is never visible to any unauthorized actors, including those controlling the enclaves.

With **Hyperaware** we can produce simple "Yes / No" proofs as to whether a vessel or vehicle has entered a geometry, and configure who is alerted with what information per requirements.

Hyperaware can interface with existing location tracking technologies like GPS, VMS and AIS, or we can help install devices on board and connect them to our systems.

In addition to privacy-preserving location detection technology, Hyperaware has developed smart contracts that enable automated payments and alerts when a vehicle or vessel is detected within a geometry.

With **Hyperaware**, everyone can be sure that everyone else is playing by the rules, while keeping strategic information secret.

Want to learn more?
Get in touch: **trust@hyperaware.io**