

eyeGauge



easy digitalization

UNIFIED FLEET DATA PLATFORM

High-quality high-frequency data

Contactless & non-invasive

All analog & digital equipment



COLLECT DATA

Data Collection Layer

SHARE DATA

Data Unification Layer

ACT ON DATA

Insights Layer



www.eye-gauge.com



Maritime Transportation Problems

Shipowners, charterers, and operators face mounting pressure to reduce fuel consumption, cut emissions, and meet stringent IMO GHG targets while maintaining operational efficiency. However, the industry is lagging in digitalization, with 85% of the world's fleet not yet equipped with digital monitoring systems or constrained by equipment locked down by OEMs. This leads to inefficiencies, excessive fuel use, and a lack of transparency between shipowners and charterers.

Solution

EYEGAUGE offers an innovative, contactless digitalization solution for fleets, regardless of ship type, age, or equipment manufacturer. Our **Unified Fleet Data Platform** collects and analyzes high-frequency data from onboard systems, providing real-time insights to shipowners and charterers for optimized fleet operations. The platform is fully non-invasive and affordable, allowing shipowners to digitalize their existing fleet without expensive retrofitting.

Benefits

Reduced consumption, and prevention claims with continuous performance monitoring.

Simplify emissions tracking to ensure effortless compliance.

Generate reliable data for transparent reporting (EU ETS, Fuel EU, CII).

Our offer

While existing retrofit digitalization solutions are costly, complex, and often incompatible with older systems, EYEGAUGE's patented technology offers a **cost-effective, non-invasive** approach that can turn any vessel—new or old—into a smart ship. Installation can be easily carried out by the crew, without the need for specialized technicians, further reducing deployment costs.

Customer use cases

- **Charterers:** Cargill and Ultrabulk, managing a fleet of bulk carriers, is using EYEGAUGE to gain real-time visibility into fuel consumption and vessel performance and replace manual noon reports with real-time performance data, resulting in significant fuel savings and meeting decarbonization targets.
- **Shipowners:** MC Shipping (Mitsubishi Corp) implemented our platform to collect high-frequency, accurate consumption and performance data and share them with charterers. This helped them avoid inflated fuel consumption figures in charter party agreements, improving operational efficiency and compliance.
- **Technical Management:** Saudi Aramco deployed EYEGAUGE's solution to monitor machinery conditions on one of their oldest offshore support vessels, extending its life and saving over \$850,000 in potential maintenance costs. This solution supports both condition-based maintenance and "smart ship" classification.

Track record

EYEGAUGE's solution is currently operational on **thirty-eight** ships across various types, including bulk carriers, tankers, containers and offshore vessels. **Many more ships** are in the process of deployment, with companies like Oldendorff, PIL, Anglo-Eastern, Union Maritime, Rio Tinto and others showcasing the flexibility and adaptability of our technology across fleets with diverse ages and machinery—from 3 to 40 years old.

Contacts