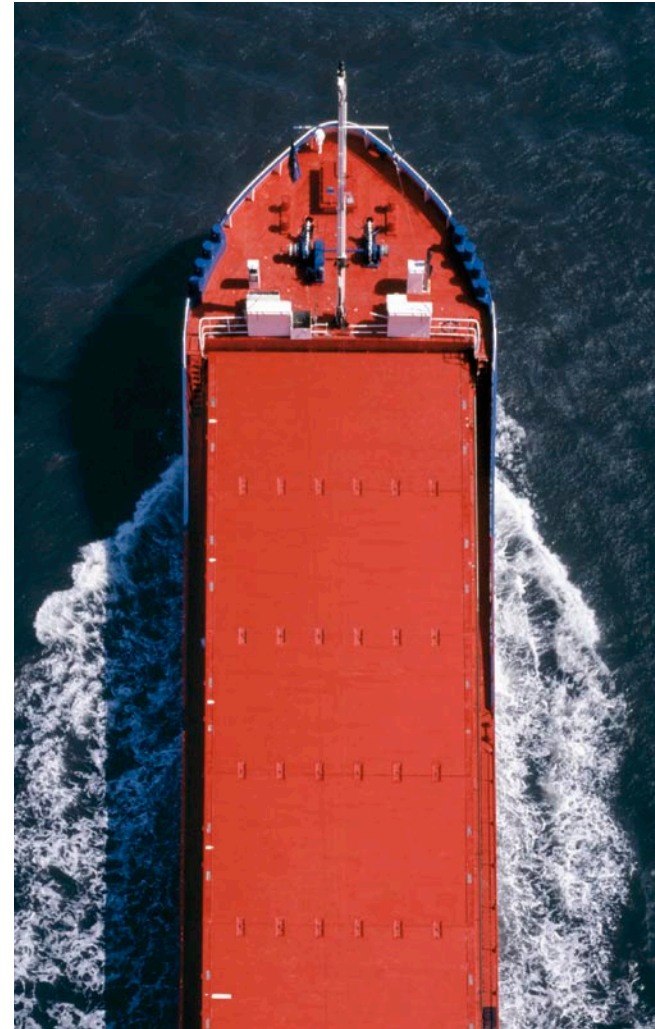


Software for your competitiveness

The maritime industry is facing tough challenges, which will be tackled best by the most competitive companies. A key lever for improving competitiveness is the deployment of modern technologies and software, as we know from many other industries. The maritime cluster has big potentials to be lifted, which is good news. Did you know that the software spend compared to the annual investments of the ship operators is only 10% of the Oil & Gas asset operators?



GL Maritime Software is the software provider and system integrator for the maritime industry. We improve our clients' processes and decisions in ship operations and fleet management onboard and onshore. We develop market leading software products, provide implementation and integration services, training and support.

With decades of experience and stability we offer you the highest investment security in the industry. With continuous efforts in research and development we provide the latest functionality and technology to improve your competitiveness. With our maritime market focus we offer you the highest level of usability and simplicity to ease implementation and deployment. Being part of GL group we assure you a close integration with tools and services you know from other parts of the group such as classification, consulting (FutureShip), training (GL Academy) and system certification as well as from other industries (Oil & Gas, Renewables). We are one of the few truly independent software providers in the industry, not financially backed by another shipping company.

What differentiates us:

- We are innovative as we are one of the few software companies in the industry that can significantly invest in Research & Development
- We are experts not only in software development and support but also in key fields such as maintenance and efficient ship operations
- We are long term partners as our software has the highest investment security in the industry, with 140 years GL experience and healthy financial backing
- We are one of the few truly independent software providers in the industry, not financially backed by another shipping company
- We cover the full ship lifecycle with software solutions from design, through operations and to decommissioning

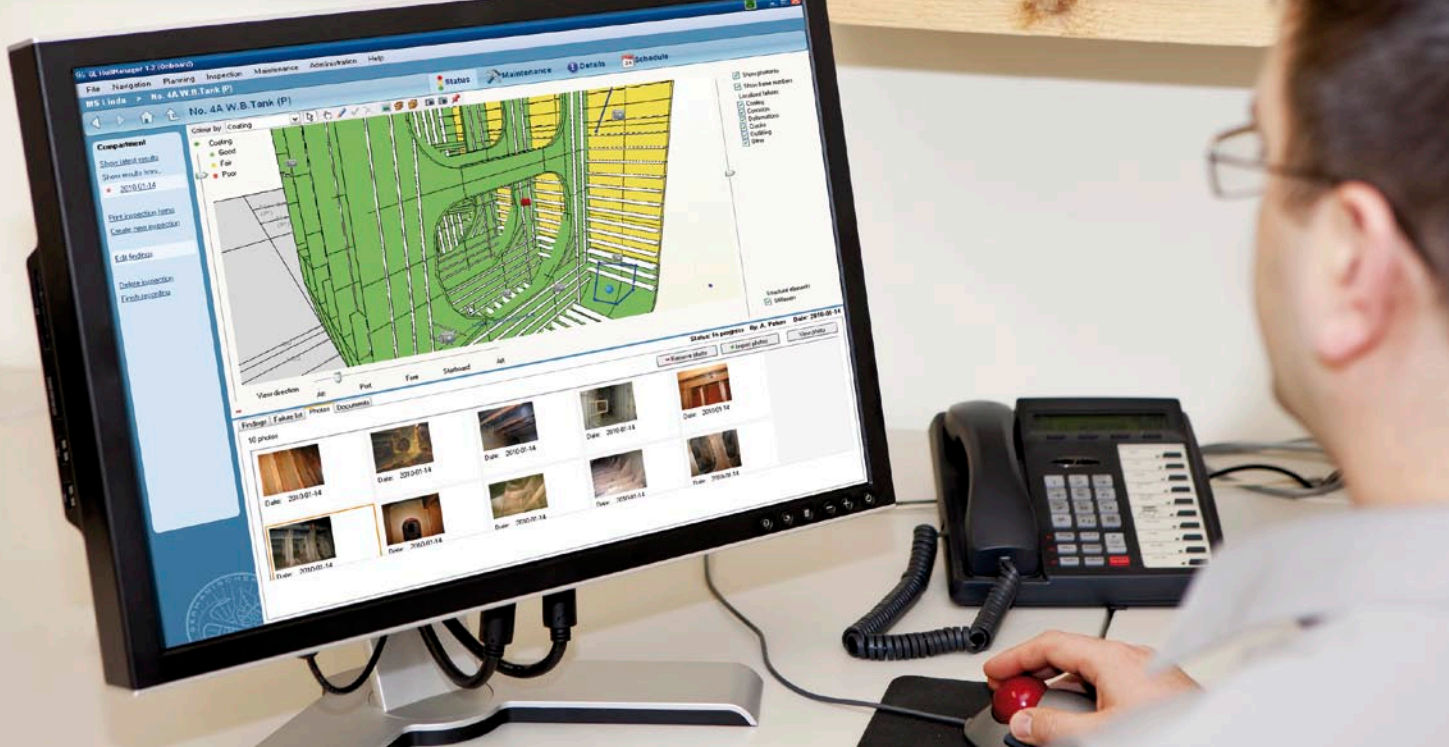
GL Maritime Software: Improving your performance



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Our solutions for getting the most from your software investment

All software are seamlessly integrated together, but they can be run as stand alone solutions as well. We also provide interfaces to other standard software packages in the industry, to make the most of your prior investments.

GL Maritime Software also supplies software solutions for the design phase of ships and their components. That is why we can bridge the worlds of a designer / yard with the operational world of the shipping companies, e.g. reusing 3D models generated during the design phase for the maintenance of the vessel.

We offer the world's most advanced software for simulation driven design, the FRIENDSHIP-Framework and a portfolio of various computer aided engineering (CAE) software tools for strength, stability, vibration and evacuation analysis.

A software itself rarely solves any problem on its own, it creates in the first place, an additional one to the shipping company. That is why we offer a complete and high-quality service package. Continuous client feedback proves: we understand the industry, we are responsive and flexible and we deliver what we promise on time and in budget.

Our solutions for business process and decision support

If you are a shipping company that wants to:

- improve their productivity and transparency in managing your fleet
- analyse and find additional cost saving potentials
- take better decisions, operational and strategic
- reduce surprises or
- have fewer hassles with compliance issues
- we have a comprehensive software offering to support your business processes and decisions.

Business process and decision support	GL ShipManager	A comprehensive software suite that supports key ship management processes, such as planned maintenance, purchasing, stock control, voyage management, port clearance, incident management, and quality and safety management.
	GL FleetAnalyzer	A modern reporting, analyzing and decision support software that extracts data from operational systems for better decisions. You can monitor KPIs, compare costs and performance of sister vessels, check budget status of your fleet, or look at cost developments over time.
	GL HullManager	Facilitates the complete Hull Integrity process, starting from inspections, via reporting and assessment of the conditions of tanks, cargo holds, coatings etc., and ensures that your ship is well maintained and that your charterers know it. Thickness measurement results recorded by thickness measurement companies using GL Pegasus software can be easily integrated.
	GL CrewManager	Supports the complete crewing and crew management process, from recruiting to crew scheduling, from crew data to licences and certificates management, from crew history statistics to a complete workflow and task management.

Our solutions for navigational and operations decision support

If you are a shipping company that wants to:

- reduce fuel consumption
- enhance schedule integrity and avoid costly delays
- increase ship safety and reduce the risk of damages in severe weather conditions
- evaluate a ship's lifecycle performance by monitoring hull stresses and loads
- we offer market leading products for navigational and operations decision support.

Navigational and operations decision support	GL SeaScout	An integrated onboard system that provides ship's officers with decision-making support. By combining advanced computations with seaway measurements and wave forecasts, GL SeaScout informs a ship's officers not only of what is currently going on around the ship, but also of what lies ahead.
	ECO-Assistant	Offers an efficient and accurate solution to point your crew to the most efficient operating condition, so you achieve instant fuel savings without modifications to the vessel. The trim of a vessel significantly influences its resistance and hence its fuel consumption. But unfortunately, there is no unique optimum trim for a vessel as this depends on the operating parameters of speed, displacement and water depth.

Managed office server	We operate the software for you, you just use them without needing to invest in own hardware and software. On GL Maritime Software's own servers, with highest safety and security standards and 24/7 service.
Implementation services	We manage the implementation project with and for you. We conduct process reviews and show optimisation potentials, provide data capturing and migration, do the installations, when needed and integrate the software in your IT landscape.
Training	We offer standard and tailor made process and software training for you, onshore and onboard. We train the trainers and key users, provide regular refresher courses and show you new tips and tricks for working more effectively. Together with the GL Academy we also provide seminars on key maritime subjects, which have proved very effective in getting new processes and requirements implemented.
Support	We provide a 24/7 helpdesk in German and English with own software experts, no third party provider. We help you on-site or use our remote access to your system if the problems can't be solved over the telephone.
Customising	We add special requirements, functions and reports to our standard software and develop new interfaces to other applications.