



# Software solutions

**Onboard and onshore fleet asset management systems can support a ship's entire life**

**Caterina Cerrini and Barbara Terrosi, IB**

**T**he marine industry is where IB took its first steps to create software solutions for maintenance and purchasing processes. Since then, lots of market parameters have changed: rules and regulation have become stricter, safety and environmental impacts are now extremely relevant, and operator requirements have grown as a consequence.

IB provides a spectrum of software solutions aiming at supplying the client's organization with a complete offering in terms of product, highly specialized consultancy and implementation services. This is why a software producer now has to be a strategic partner working side by side with its clients, optimizing the operational, technical and decision-making processes and supporting them in their daily needs.

InfoSHIP is the software reference point in the marine market covering all technical fleet management needs and satisfying a wide range of privileged interlocutors such as technical and marine operators, energy managers, purchasing department, and risk and compliance managers. The solution works using a data transmission engine between ship and shore installations, ensuring data alignment and automatic synchronization. It covers all operational issues, from maintenance to purchasing and cost control. A set of dashboards are available for every specific analysis as well

as a classification of ship events and their workflow management.

Moreover, to respond to the challenges of the current marine market, in recent years the company has been developing the new generation of InfoSHIP, named InfoSHIP EVO, by adopting new designing tools and by rethinking the product from a functional perspective. The new web-based software will still provide the large and consolidated subset of traditional functions, with the addition of new models and functionalities. It will support the daily activities of the operators and at the same time improve operability and simplify data collection. It will facilitate the management of new processes while improving data analysis and statistics.

EVO can support companies in a real step-change in marine operations, bringing ship owners to a different level of control of their vessels, switching from traditional ship management to asset and fleet management. All this has been done while keeping in mind end users, who ask for simplicity, with clear and easy-to-use interfaces, and also by using mobile application devices and smart tags (barcodes, QR codes, RFIDs and beacons) designed for specific process flows.

Another IB solution able to assist board management in a strategic issue like the emissions decrease and the implementation of environmentally friendly best practices,

is InfoSHIP EGO (Energy Governance), powerful, reliable and accurate software for real-time energy performance monitoring. Fulvio Solari, Marine Division sales director at IB, says, "Many operators are investing in ship fuel efficiency through services and products, confirming that energy efficiency is a key differentiator. By collecting data every five minutes and by analyzing onboard KPI data, shipowners and managers can continually grow vessel and fleet intelligence to achieve fuel savings and remain competitive".

EGO, now on board on over 150 vessels, is an effective way to be compliant with SEEMP and upcoming monitoring, reporting and verification (MRV) regulation.

"Helping our clients build excellence in their operations and processes is one of our main goals," concludes Solari. "Our solutions are designed and distributed together with RINA Services, the Italian classification and certification society. We both have to continually improve our offerings to be able to supply technological and functional upgrades in asset management within an economical and sustainable scenario." \\

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