SECURING SAFE
SHIP OPERATION
SECURING SAFE OPERATION AT SEA

Ships are now being equipped with increasingly complicated systems that are operated by fewer operators with limited training. The RH Marine Ship Automation portfolio consists of applications that make vessel operations easier, safer and more efficient. Whether it is for basic monitoring and control or comprehensive integrated platform management, RH Marine has the applications to fulfil all vessel automation needs. We have taken engine room automation to the next level by adding smart applications like decision support, providing guidance in critical situations.

One of the big advantages is the flexibility of our product line. Large or small, stand-alone or highly integrated, basic or extremely complex: we will fit the automation system to your particular needs. Our experience ranges from small workboats to luxury superyachts and complex navy vessels. Our background as a system integrator in various markets means that we are second to none to understand and fulfil your requirements.

With the knowledge gained from experienced users, implemented in close cooperation with customers and prestigious research institutes, we have realised a broad portfolio of operation-focused applications.

Co-creation with our valued customers

RH Marine co-creates advanced applications in close cooperation with its customers. We work together to translate operational needs into unambiguous applications. This approach ensures optimal alignment between the ship’s automation and the operational tasks at hand.
The RH Marine Ship Automation product line contains all essential applications and more. Applications can be delivered as standalone components, allowing one to benefit from an application’s specific features, or as an integrated whole, increasing efficiency by sharing information, hardware and interfaces. From generic required systems like an alarm, monitoring and control system to a helideck monitoring system, we have an application for each requirement.

The role of automation on board is increasing. Dealing with this is not only a matter of selecting the right systems and components, but also making sure they work together reliably in the most efficient way. We can handle complex integration for you, and make it simple for you.

**Reduced life cycle cost**

Our ship automation systems are based on Commercial Off-The-Shelf (COTS) hardware and software, with a system architecture based on a modular design with distributed system components and multiple levels of redundancy.

The intelligent software allows for flexible and free HMI design and programming of user-specific control functions.

These features result in an extremely reliable and highly available automation system with reduced life cycle cost.
Rhodium product family

Ship Automation is part of the Rhodium product family. This family consists of four product lines, each playing to its own strengths and bringing huge advantages to your ship and its operations. Combine them and your vessel will run at peak efficiency.

- **Integrated Bridge**
  Efficient and safe navigation

- **Hybrid Energy**
  Optimising your power supply

- **Ship Automation**
  Securing safe ship operation

- **Electrical Power**
  Powering your process

Jan Evertsenweg 2
3115 JA Schiedam
P.O. Box 5054
3008 AB Rotterdam
The Netherlands

T +31 10 487 19 11
E info@rhmarine.com
www.rhmarine.com