# SERTICA

Maritime Fleet Management System

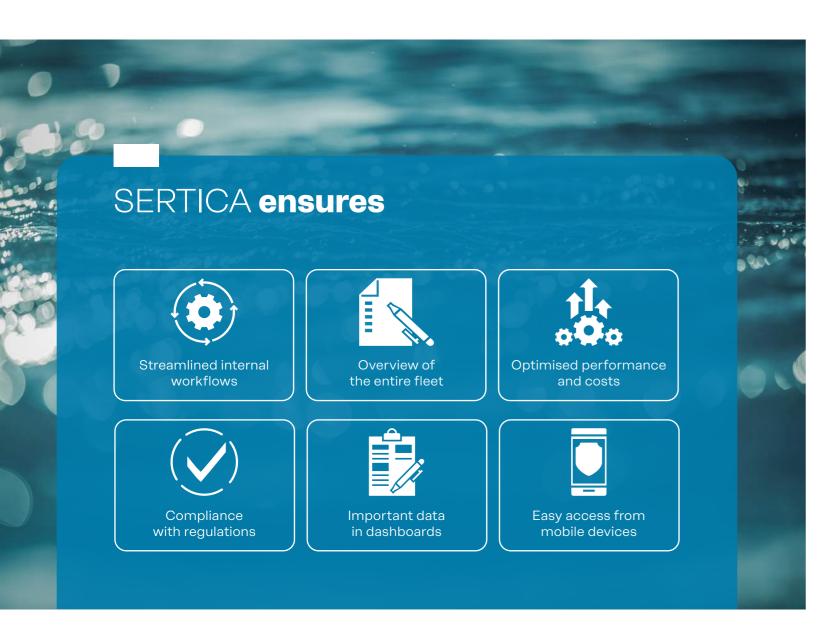




Our experience. Your growth.

SERTICA is the ultimate all-in-one solution for ship management, providing digital tools for maintenance, procurement, HSQE, crewing, performance, vessel reporting and electronic logbooks.

We support the management of vessels and fleets in all technical, operational and compliance aspects.



## Maintenance

SERTICA helps ship owners and managers increase transparency and streamline operations. It provides structured and centralised data, ensuring that maintenance tasks are planned and executed efficiently, resulting in reduced off hire and extended equipment lifetime across the fleet.

#### Benefits

- Reduced off-hire time
- Extended equipment lifetime across the fleet
- Increased transparency of operations
- Structured and centralised maintenance data
- Full inventory control
- Maintained knowledge on equipment and machinery
- Reduced costs and improved profitability

#### Modules

- Document management
- Analytics
- Defect reporting
- Fleet supervision
- Inventory management
- Data synchronization
- Master data management
- Job list

#### Add-Ons

- Dynamic
- Dashboard
- Jobtext management
- Item certificate
- SYNC
- Mobile apps
- Forms
- Dry Dock
- Maintenance API





### **Procurement**

SERTICA is designed for the shipping industry to streamline procurement activities. Say goodbye to time-consuming and costly manual processes, limited access to information and inefficient workflows. SERTICA offers optimisation for invoicing, cost control, purchase recommendations, and inventory management.

#### Benefits

- Streamlined procurement processes
- Increased efficiency with paperless workflows
- Seamless integration with third-party systems
- Comprehensive overview of all relevant information
- Effortlessly connect orders to different projects
- Real-time tracking of order status and progress
- Advanced evaluation capabilities for suppliers and quotations

#### Modules

- Data synchronization
- Dynamic dashboard
- Analytics
- Fleet supervision
- Document management
- SERTICA connect
- Inventory management
- PunchOut
- Supplier qualifications
- Task list

#### Add-Ons

- Budget
- SYNC
- Item certificate
- Approval Web App
- Invoice management
- Logistics & shipment

## **HSQE**

SERTICA helps ship owners and managers ensure compliance by managing all health, safety, environment, and quality aspects in one system. Introduces efficient risk assessment, incident reporting, document management and control, audit management, and performance analysis.

#### Benefits

- Total compliance
- Safety awareness
- Reduced risk of detained ships
- Avoid accidents and near-misses
- Efficient work procedures
- Handling undesired incidents
- Documentation and knowledge sharing

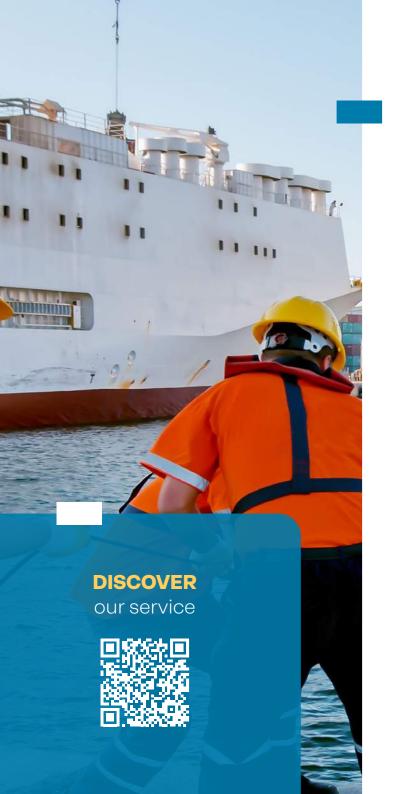
#### Modules

- Data synchronization
- Dynamic dashboards
- Document management
- Analytics
- Fleet supervision
- Activity management

#### Add-Ons

- Forum
- Inspections & audits
- Management systems
- Mobile appsCertificate
- SYNC
- Item certificate
- Vetting (OCIMF Interface)
- Event reporting
- Forms
- Risk assessment





# **Crewing**

SERTICA offers a comprehensive crew solution designed to manage crew activities and payroll more efficiently. Optimise crew deployment with all data of your seafarers in one system and reduce the administrative burden!

#### **Benefits**

- Efficient crew planning and scheduling
- Improved communication and collaboration
- Enhanced crew welfare and well-being
- Optimised ship operations and crew deployment
- Comprehensive overview of all crew activities
- Streamlined processes in one system
- Detailed payroll information and reports

#### Modules

- Crew management
- Crew Management Web App
- Crew Portal Web App
- Payroll administration

### **Performance**

SERTICA is designed to help ship owners and managers optimise vessel performance, reduce fuel consumption, and improve environmental sustainability. Monitor vessel performance via real-time data on vessel speed, fuel consumption, and emissions to identify opportunities for improvement!

#### Benefits

- Optimised vessel performance
- Reduced fuel consumption
- Enhanced awareness about vessel operations
- Ability to correct inefficiencies
- Enhanced monitoring of asset performance
- Optimisation of service and spare parts costs
- Compliance with international regulations
- Remote monitoring of physical assets

#### Modules

- Advanced analytics
- Trim assistant
- Geofencing & rules editor
- Propulsion assistant
- Reporting & dashboards
- Data collector
- Voyage





# **Vessel Reporting System**

SERTICA simplifies daily workflows, increases the quality of data, and connects all stakeholders to one report. It helps ships and operators comply with current and future reporting and covers all noon and standard reports for EU MRV, IMO DCS, CII, as well as performance.

#### **Benefits**

- Improve efficiency and reduce costs
- Ensure compliance with regulations
- Analyse data for better insights
- Data-driven decision-making
- Reduce fuel consumption
- Simplify reporting and reduce the burden onboard
- Digital reporting to minimise effort
- Professional implementation and project management

#### Modules

- Decarbonisation reports
- Performance reports
- Custom reports
- CII simulator
- CII reports

# Logbook

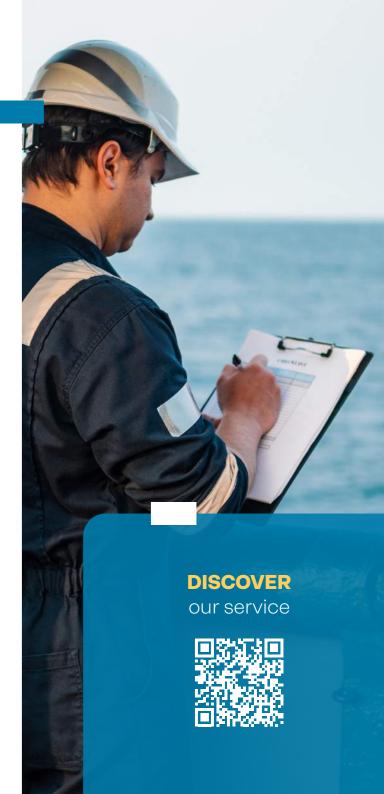
SERTICA offers ship owners and managers the chance to replace traditional paper logbooks with a full digital solution to enhance regulatory compliance. It provides real-time access to vessel data, allowing vessel operators to make informed decisions about vessel operations, while saving time and costs.

#### Benefits

- Simplified data recording
- Improved security with seals management
- Improved data quality with validation of all data entries
- Increased efficiency and transparency
- Data availability ashore
- Increased awareness about bilge/sludge and garbage production onboard
- Increased regulatory compliance

#### Modules

- Ballast Record Book
- Cargo Record Book
- Deck Record Book
- Engine Record Book
- Garbage Record Book
- Ozone-depleting Substances Record Book
- Oil Record Book Part 1
- Oil Record Book Part 2
- Radio Record Book





SERTICA efficiently integrates KPIs from various systems and displays them in a unified way. It helps maintain a comprehensive overview of the status of your vessels, including position, weather information, and KPIs retrieved from vessel data or any other data source.

#### **Benefits**

- Instant insights into fleet status
- Monitoring of KPIs across various systems
- Fully customisable system combining the needed KPIs
- Tracking of KPI history for trend monitoring
- Simplified data management
- Enhanced strategic decision-making

#### Modules

- Alert Engine
- Vessel KPI
- Vessel Position
- Weather Forecast

SERTICA is developed in close cooperation with leading shipping companies worldwide and onboard more than 3000 ships







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