


SERTICA

Maritime Fleet
Management System



RI  **IA**

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.

SERTICA ensures



Streamlined internal workflows



Overview of the entire fleet



Optimised performance and costs



Compliance with regulations



Important data in dashboards



Easy access from mobile devices

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



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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

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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

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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

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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

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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

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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

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Fleet

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

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



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RINA consists of the parent company RINA S.p.A., the holding which controls the main sub-holdings RINA Services S.p.A. and RINA Consulting S.p.A. In order to ensure compliance with the applicable recognition, authorization, notification and accreditation rules, including those relevant to the management of impartiality, RINA has adopted a governance and organizational model. According to this model, the sub-holdings are subject to direction and co-ordination by the holding in the finance, administration, strategic, organizational, managerial and business continuity fields, while technical and operational decisions remain under the exclusive responsibility of the sub-holdings and their controlled companies. The strict separation of duties in the governing bodies and the impartiality risk assessment, which identifies and manages the impartiality and conflict of interest threats coming from the company relations, ensure compliance with the applicable impartiality rules.