



Product Brief

Performance

A vast number of factors affect vessel performance and energy consumption, such as fouling, hull and engine status. **SERTICA** helps you monitor and analyse these, so you can take proactive measures to optimize efficiency and reduce TCO.

Product

Performance includes various reports to identify factors affecting your vessels' operating expenditure:

- Noon reporting
- Consumption reports
- Bunker Delivery Report
- Off-hire reports

Receive a monthly status on your fleet's performance and react on issues concerning vessel, hull and engine.

It includes validation of input, information about each individual vessel and forms on job.

Standard Modules

- Analytics
- Data Synchronization
- Diesel Management
- Document Management
- Dynamic Dashboard
- Fleet Supervision
- SYNC
- Task List
- Vessel Reporting System

Please find more details on the following page and our website.

Benefits

- Fuel savings
- Reduced emissions
- Fleet overview
- Reduced maintenance costs
- Compliance with regulations
- Reduced OPEX



SERTICA

Performance Management



Document Management

Store, update and distribute documents safely between office and vessels. Attach or link documents to e.g. spare parts, components, work procedures, maintenance history and jobs. Automated version control allows editing without creating conflicting versions in a customized approval flow. [Web access can be purchased as an add-on module.](#)



Diesel Management

Validate actual diesel performance of the engine against base line data to investigate how to reduce fuel consumption, maintenance costs, downtime and emissions. Dashboards enable you to track the results over the lifetime of an engine. The dashboards can be shown onboard the vessel, as well as in the office for trending and forecasting purposes.



Analytics

A unique tool developed to extract any relevant combination of data from SERTICA and export it directly into Microsoft Excel with graphs and pivots into included templates. Create customized reports such as "Fuel consumption and engine performance" across the entire fleet with only a few clicks, and have it delivered to your mailbox. Analyze data efficiently and identify areas for cost savings and new opportunities for your business.



Dynamic Dashboard

Design your own dashboards and achieve a graphical overview of any data in SERTICA. Create an overview of information such as job statistics. Include Microsoft Excel graphs and KPI highlights. A great management and follow-up tool with a modern and structured layout of information.



Data Synchronization

Synchronize information between ship and shore in an optimized and secure way. Experience a system of accurate and timely data alignment, which synchronizes automatically. Transmission errors are automatically recovered, resulting in optimal data synchronization.



Task List

Central to-do list for technical staff to complete advanced planning and resource optimization. Get an easy overview of all tasks – both on vessel and fleet level.



Vessel Reporting System

Report a wide range of data and reports to optimize overall vessel performance, such as hull performance, fuel and lube oil consumption, bunkers, off-hire time and voyage statistics. Compare the reports to a baseline to highlight deviations.

The Vessel Reporting System assists you in making the right decisions at the right time based on full data visibility. All data can be displayed in advanced dashboards, enabling detailed tracking and forecasting of selected KPIs.

Monitor and optimize vessel and engine performance across the fleet to reduce maintenance costs, CO₂ emissions, TCO and OPEX.



SYNC

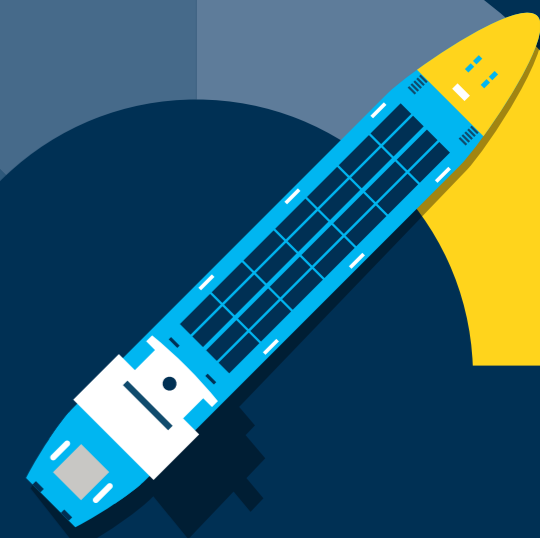
Synchronize data between SERTICA and other third-party systems to increase the level of automation. As an example, you can synchronize to your ERP system, crewing, HR and data warehouses.



Fleet Supervision

A unique office database with a 100% accurate copy of all vessel databases. This allows you to access each individual vessel database instantaneously, as well as assessing data across all vessels. Reports can be created in Analytics to monitor and communicate important data and KPIs across the fleet.

“SERTICA is the market’s most dynamic and flexible system for optimizing performance of an individual vessel or an entire fleet.”



SERTICA is a flexible and scalable solution for maintenance, performance, HSQE and procurement. More than 40 maritime customers and 1300 vessels worldwide are using SERTICA.

The wide range of compatible modules combined with reliable communication and data management simplify operations, optimize performance and save costs. It displays the data in user-friendly dashboards presenting graphs and trends to act upon. The system is a Windows based platform based upon Microsoft SQL server. SERTICA Maintenance is IACS type approved by DNV/GL and Bureau Veritas.

The software is complemented with ongoing consultancy from experts who know and understand your business. Together with Logimatic's more than 30 years of global experience in system development and problem solving, SERTICA is more than a software system. We build our partnerships on trust, knowledge and cooperation to keep moving our customer's maritime business. From our offices in Denmark and Singapore, we support our customers worldwide.