# Maintenance

Maintenance problems are often fixed as they arise without proper documentation. This urgency and lack of overview causes unnecessary downtime. SERTICA is a user-friendly system increasing transparency of operations. It optimises asset management, internal workflows, and secures data exchange between vessels and office.

## Product

Maintenance includes various functions to optimise and plan your maintenance activities no matter if they are scheduled, preventive, corrective or condition based:

- Job planning and execution
- Job relations
- Components
- Inventory

Plan and execute your jobs based on an advanced job list, which also shows the relations between jobs.

Get an overview of inventory and components, which can be moved between vessels to reduce costs.

Follow and act on your maintenance history and reduce the downtime on equipment.

## Modules

- Job List
- Document Management
- Jobtext Management
- Dry Dock
- Forms
- Forms App
- Apps
- SYNC
- Defect Reporting
- Analytics
- Dynamic Dashboard
- Data Synchronisation
- Master Data Management
- Fleet Supervision
- Inventory Management
- Task List

## Benefits

- Structured maintenance data
- Reduced downtime
- Expanded lifetime on equipment
- Maintaining knowledge on equipment and machinery
- Full inventory control
- Complete overview of the fleet

## The Product Suite

SERTICA is the market's most flexible and scalable solution for maintenance, performance, HSQE and procurement. More than 40 maritime customers and 1200 vessels worldwide are using SERTICA. The wide range of compatible modules combined with reliable communication and data management simplifies operations, optimizes performances and save costs. It displays the data in user-friendly dashboards presenting graphs and trends to act upon.

## The Company

The software is complemented with ongoing consultancy from experts who know and understand your business. Together with Logimatic's 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 co-operation to keep moving our customer's maritime business. From our offices in Denmark and Singapore, we offer support to customers around the world.

## The Software

Windows based platform based upon Microsoft SQL server. The software is IACS type approved by DNV/GL and Bureau Veritas.

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# SERTICA
# Planned Maintenance System

### Job List

Plan, structure and manage daily maintenance jobs electronically to improve productivity. Avoid breakdowns and create a better working environment in your technical department with less stress.

### 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 customised approval flow. You can access documents online through a link.

### Jobtext Management

Create and manage extracts of Makers manuals as an integral part of your planned maintenance system. Technical data is available to all and you have the flexibility to change procedures on several ships at once.

### Dry Dock

Make complex dockings simple and manageable. Control dockings by securing the agreed price and manage the risks throughout the entire process. Hours, spare parts and costs are continuously registered. When docking is finalised, the process can be evaluated by comparing the actual costs with the estimated budget.

### Apps

Perform maintenance tasks on a mobile unit to save time and money. Reduce the time in front of the computer and complete tasks with only a few clicks. With both online and offline access, you can always see your jobs, report errors and even take pictures.

### SYNC

Synchronise data between SERTICA and your ERP system to increase the level of automation. Achieve a stronger financial control with purchase orders in real time and constant access to invoice information.

### Forms

A paperless system simplifying processes with pre-defined electronic forms in Word and Excel with automatic filling of data. Create templates for e.g. reporting near-misses, check-lists, reviews and working permits. A customised form to register fuel consumption is included in SERTICA. This data can be used to fulfil the EU requirements around Monitoring, Reporting and Verification (MRV). You can also set up approval procedures and suggest corrective actions.

### Forms App

Create, fill in and submit forms regardless of your location. The Forms app integrates the PC version of SERTICA Forms with your mobile devices.

### Defect Reporting

Track the number of unplanned maintenance jobs registered as defects. The defect reports appear on the task list with the possibility to measure and follow up on defects separately. Defect jobs follow a specific flow, which enables you to track the job status and extract reports. This also means that necessary spare parts to complete the job will be visible to procurement.

### 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 customised reports and have it delivered to your mailbox.

Analyse 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, graphs designed with Excel and KPI highlights.

A great management and follow-up tool with a modern and structured layout of information.

### Data Synchronisation

Synchronise information between ship and shore in an optimised and secure way. Experience a system of accurate and timely data alignment, which synchronises automatically. Transmission errors are automatically recovered, resulting in optimal data synchronisation.

### Master Data Management

Manage master data centrally to reduce administration costs, breakdowns and downtime. Both maintenance and procurement processes are optimised with data in one location.

### 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 supervise all kinds of module transaction and important data, monitoring and communicating KPIs across the fleet.

### Inventory Management

Manage information about components, locations, jobs, history, certificates and spare parts effectively. It offers an overview of your inventory, which is essential in relation to maintenance and procurement processes.

### Task List

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

## SERTICA

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