

# VPER

VESSEL PERFORMANCE MANAGER

Provides relevant and reliable information - in real time

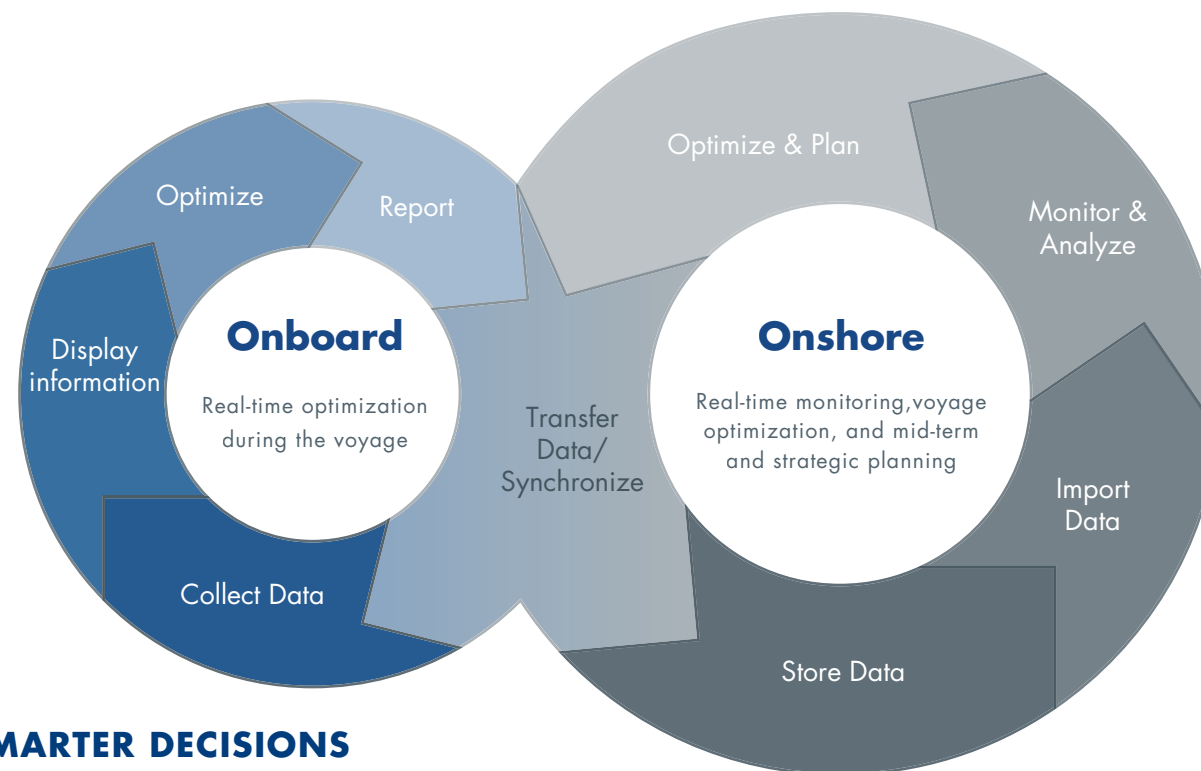
Automated reporting frees up time for optimization tasks

## ENABLING SMARTER DECISIONS

Immediately shows the effect of actions taken

REDUCED FUEL CONSUMPTION, EMISSIONS AND OPERATING EXPENSES





“IT IS NOT THE SHIP SO MUCH AS THE SKILFUL SAILING THAT ASSURES THE PROSPEROUS VOYAGE.” George William Curtis

## VESSEL PERFORMANCE MANAGER – ENABLING SMARTER DECISIONS

A vessel’s profitability largely depends on the crew sailing and the staff onshore making smart decisions in order to optimize ship operations. As a matter of fact, the impact of such decisions is highly influenced by the availability and quality of information.

A vessel is a complex system influenced by a multitude of nautical, technical and economic factors. Thus effective performance management requires a system capable of precisely collecting, evaluating and accurately interpreting data for all these factors providing a complete picture of the vessel’s status to all decision-makers onboard and onshore.

### Get relevant and reliable information and reduce fuel consumption, emissions and operating costs

Vessel Performance Manager (VPER) by SkySails & LEMAG is a powerful combination of LEMAG’s marine engine and machinery expertise and SkySails’ long-standing know-how in ship operations as well as the collection and evaluation of maritime data.

By providing relevant and reliable real-time information, VPER offers simple, yet complete decision support enabling your crew onboard and staff onshore to jointly and effectively optimize your fleet’s operational efficiency. In this way VPER helps reduce fuel consumption, emissions and operating costs, thus substantially improving your bottom line and competitiveness.

### Make smarter decisions onboard and onshore

VPER provides easy-to-read and concise information tailored to the needs of each decision-maker involved in the optimization process, and thus enables smarter decisions to be made both onboard and onshore.

### Immediately see the effect of actions taken

VPER shows the effects of the decisions you make and the actions you take in real time, which means that immediate corrective actions can be undertaken to avoid any negative impact from suboptimal operations.

### Free up time for optimization tasks

VPER features automated reporting saving 80-90% of the typical report preparation time. Thus VPER frees up time for your crews sailing and staff onshore to perform more important optimization tasks and continuously improve operations.

### Know-how and support at your fingertips – 24/7

Vessel and fleet performance management is an ongoing process. With VPER as your one-stop performance management solution and SkySails & LEMAG as your long-term partner we are at your service – 24/7. This starts with installation support and customization and ranges all the way to ongoing reporting, data provision and analysis as well as trouble-shooting and consulting.

### Continuous improvement with vessel

### VPER – Your Performance Management Toolbox

With VPER you can choose from a powerful performance management toolbox providing just the right solution to your individual needs. Improve ship operations step-by-step by adding from the numerous

options VPER has in place. With its open system structure and the possibility to connect and evaluate over 500 sources of data VPER is fit for the future, protecting your valuable investment.

#### VPER – Features

##### MONITORING

- Fuel Consumption
- Engine Performance
- Hull & Propeller Condition
- Bunkering
- Boiler

##### DOCUMENTATION & ANALYSIS

- Voyage Reporting
- Online Performance Monitoring
- Legal Documentation
- Performance Reporting

##### PLANNING

- Voyage Scheduling
- Weather Routing
- Conditional Maintenance
- Fleet Strategy

##### OPTIMIZATION

- Ship Speed
- Dynamic Trim
- Energy Management
- Performance Consulting



**V~PER – based on the most reliable hardware available on the market**

## V~PER – YOUR TAILOR-MADE ONE-STOP SOLUTION

To-date SkySails' and LEMAG's performance management solutions have been installed on far over 200 vessels of almost any type and size: From 3.500dwt minibulkers over 50.000dwt tankers, large container vessels and feeder ships to OSVs, from single solutions like bunker intake monitoring

to complete performance management systems including auxiliary and boiler monitoring. No matter if you're ship manager, technical manager or charterer we provide you with a reliable and effective one-stop Performance Management Solution – tailored to your needs.

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## ABOUT SKYSAILS

SkySails is a green shipping pioneer and the first mover in the development of products that increase energy efficiency in the shipping industry. In 2009 and 2011 SkySails was recognized as "Technology of the Year" at the Sustainable Shipping Awards. Numerous renowned shipping companies put their trust in SkySails and its long-standing experience in the collection, transmission and analysis of data on seagoing ships.

## ABOUT LEMAG

LEMAG Lehmann & Michels GmbH has specialized in the production of measuring instruments since 1911. Today's product range includes state of the art systems to monitor engine efficiency. While the LEMAG PREMETS® systems enable measurement of the power produced inside the cylinder, the LEMAG Shaftpower® system permanently monitors the effective power transmitted to the propeller.

LEMAG LEHMANN & MICHELS also specialise in fuel systems. These include the LEMAG CONTROLmag® automatic in fuel change-over system, the type approved LEMAG® FQI homogenizer for fuel quality improvement and the LEMAG Slashpol® E water-in-fuel emulsifier for NOx reduction.



[www.v-per.com](http://www.v-per.com)

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