



SAVE UP TO 20% IN OPERATING COSTS, FUEL CONSUMPTION & EMISSIONS

V-PER creates value from data by providing you with relevant and concise information on your fleet's performance thus enabling you to continuously improve your bottom-line and competitiveness.



TAILORED TO YOUR NEEDS

V-PER features numerous customization options ranging from adaption of report formats and forms to optional tools and services like weather routing and charter warranty analysis.

REAL-TIME INFORMATION AT YOUR FINGERTIPS

V-PER's core function is to collect and analyze data onboard of your vessels and timely provide relevant, reliable information to decision-makers onboard and onshore as well as downstream processes. All information is retraceable and accessible in real-time.



ALBIS MARINE PERFORMANCE COMPETENCE CENTER • EXPERT KNOW-HOW & SUPPORT AT YOUR FINGERTIPS

Our service relies on a crew of highly experienced marine data analyzing experts, software engineers, service technicians and management experts – all providing valuable ongoing support for the continuous improvement of your ship operations and business processes. Whether it is ongoing quality control on your system and generated reports, a 24/7 technical support help-line or special on-demand reporting – we are gladly and personally at your disposal.





REAL-TIME MONITORING & OPTIMIZATION FOR IMMEDIATE IMPROVEMENT

Onboard V-PER displays all parameters influencing fuel consumption on just one dedicated screen thus improving crew-awareness for energy efficiency. At the same time V-PER provides numerous real-time optimization tools – e.g. optimal speed and trim – allowing for immediate action and thus immediate improvement.



HIGH QUALITY - FAST PAY-BACK

V-PER is based on the most reliable hardware on the market. Its unrivalled high-quality and high-frequent data acquisition and evaluation are key to successful and profitable optimization of ship operations. As a rule investment in a V-PER system pays back within a couple of months.

STAY TUNED · AS IF YOU WERE ONBOARD 24/7

Via V-PER's Fleet Online web interface you can track your fleet's status and performance in real-time, 24/7 and wherever you are.



BE READY FOR THE DIGITAL FUTURE OF SHIPPING

Open system structure, almost any desired interface to external systems, customization options and the possibility to connect up to 500 signals make V-PER your one-stop solution for ongoing process automation and successful business in the digital future of shipping.



SMART TECHNOLOGY, SMART PEOPLE, SMART BUSINESS: CONTINUOUS IMPROVEMENT WITH V-PER

AUTOMATED VOYAGE REPORTING

- Precompleted forms
- Frees up time for crew

Monitor &

Optimize

• Improved data quality



ONSHORE OPTIMIZATION & PLANNING

• Hull & propeller cleaning

Optimize & Plan

· Voyage optimization with high-performance weather routing



MARINE PERFORMANCE **COMPETENCE CENTER**

- Ongoing quality control of data & reports
- Customer support, on-demand reporting &
- Charter warranty analysis



ONBOARD PERFORMANCE **MONITORING & OPTIMI-**ZATION

- All parameters influencing fuel consumption on just one screen
- Real-time speed & trim optimization





Transfer Data/ Synchronize

Store Data



REAL-TIME FLEET TRACKING & DATA ACCESS

- Fleet Online web interface
- Customizable dashboard & views
- All data retraceable & accessible down to single measured values





- Collection of data from up to 500 signals, e.g. NMEA, fuel meters, analogue signals
- Most reliable hardware
- Highest data quality



SAFE & LOW-COST DATA TRANSFER

- Safe, encrypted data transfer via vessel's existing data transfer system
- Low data transfer volume due to onboard data pre-processing



SAFE & HIGH-PERFORMANCE CLOUD DATA BASE

- Highly specialized & efficient
- Empirical data
- Protection equivalent to German bank standard

V-PER · YOUR POWERFUL DIGITALIZATION, OPTIMIZATION AND AUTOMATION TOOLBOX

With V-PER you can choose from a powerful toolbox providing the right solution to your individual needs. Improve ship operations, optimize and automate your processes step-by-step by adding from the numerous options V-PER has in place. Explore V-PER:

MONITORING



ONBOARD PERFORMANCE MONITORING

- Save up to 20% in fuel consumption & emissions by increasing crew awareness for energy efficiency
- Collects data from up to 500 sources and shows clearly all parameters influencing fuel consumption on just one screen
- Allows for real-time onboard vessel performance optimization



REAL-TIME FLEET TRACKING & DATA ACCESS

- Real-time online tracking of your fleet's performance & condition
- 24/7 access to real-time vessel performance data
- Improve vessel performance by tracking data data and identifying areas of reduced efficiency



CHARTER WARRANTY MONITORING

- For charterers: Reduces risk of OPEX overrun and allows for daily charter warranty monitoring
- For ship managers: Reduces risk of charter warranty claims and improves marketability of vessel

OPTIMIZATION



HIGH PERFORMANCE WEATHER ROUTING (Optional)

- Save up to 15% in fuel consumption & emissions
- Route optimization with direct display of fuel consumption & ETA
- Routing advice based upon actual vessel performance & high-quality weather forecast
- Ensuring constant power regime throughout the voyage by real-time ship speed optimization

ANALYSIS & DOCUMENTATION



HULL & PROPELLER CONDITION MONITORING

- Always be aware of your actual hull & propeller's condition
- Determine the most economic point in time for cleaning
- Save up to 10% in fuel consumption & emissions



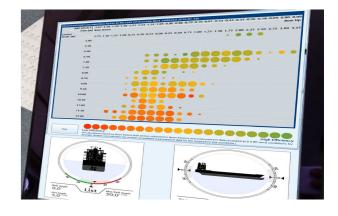
AUTOMATED VOYAGE REPORTING

- Free up time for your crew
- Improve data quality & availability
- Increase transparency



REPORTING ON-DEMAND

- Expert know-how & support at your fingertips
- On-demand analysis & consulting for special/ individual questions



DYNAMIC TRIM OPTIMIZATION

- Save up to 10% in fuel consumption & emissions
- Most effective trim optimization due to
 real-time onboard trim optimization
 - o empirical vessel performance profiles

GUIDING YOU INTO THE DIGITAL FUTURE OF SHIPPING

GET IN TOUCH:



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