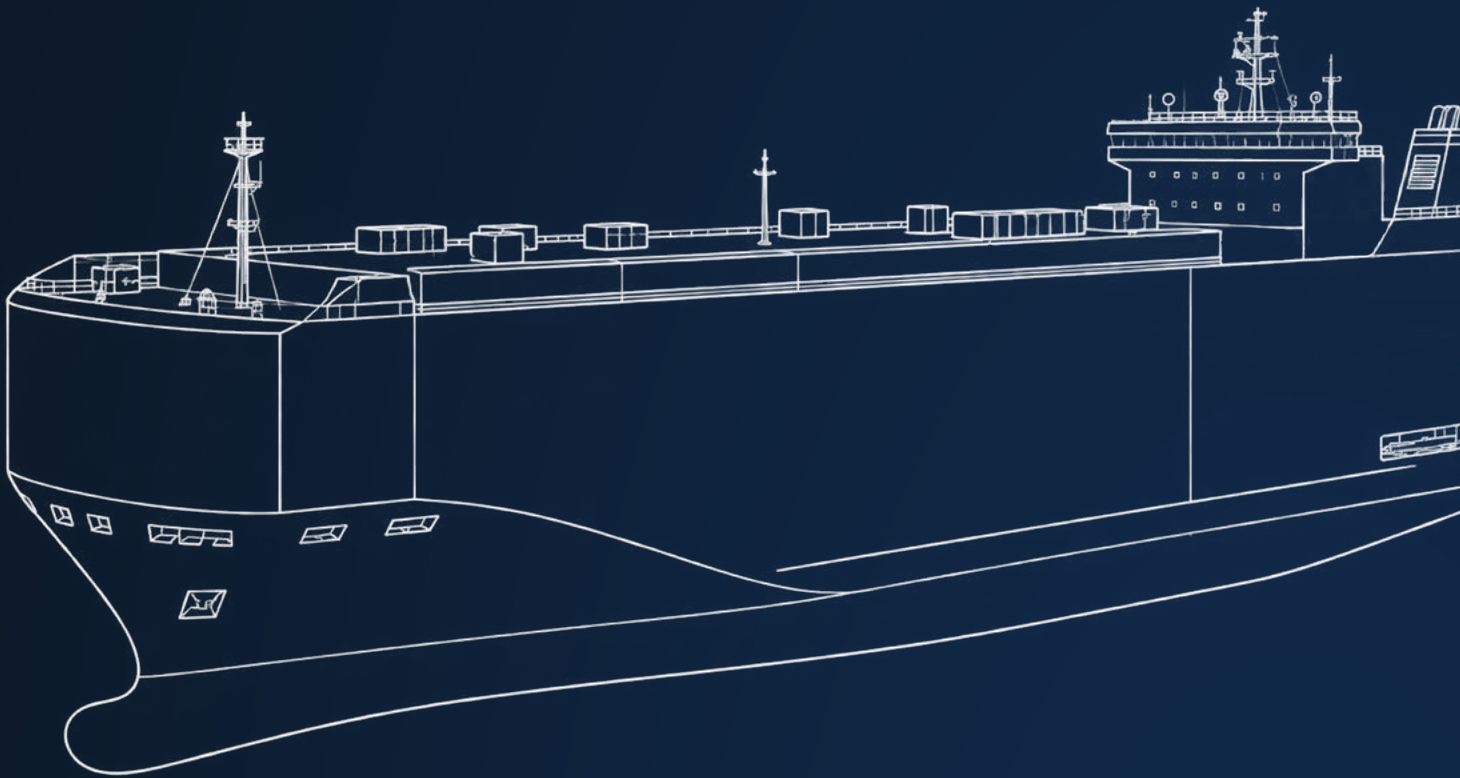


Perform.

Performance insight and control

Reliable data only creates value when it leads to better decisions. VAF performance solutions translate measured and connected vessel data into clear insight, practical reporting and operational control for ships, fleets and shore teams.



From data to operational performance

Fleet and vessel performance management is becoming more important as fuel costs, emissions requirements, competition and operational complexity continue to increase. Reliable data helps operators understand what is happening; performance insight helps them decide what to do next.

The outcome layer

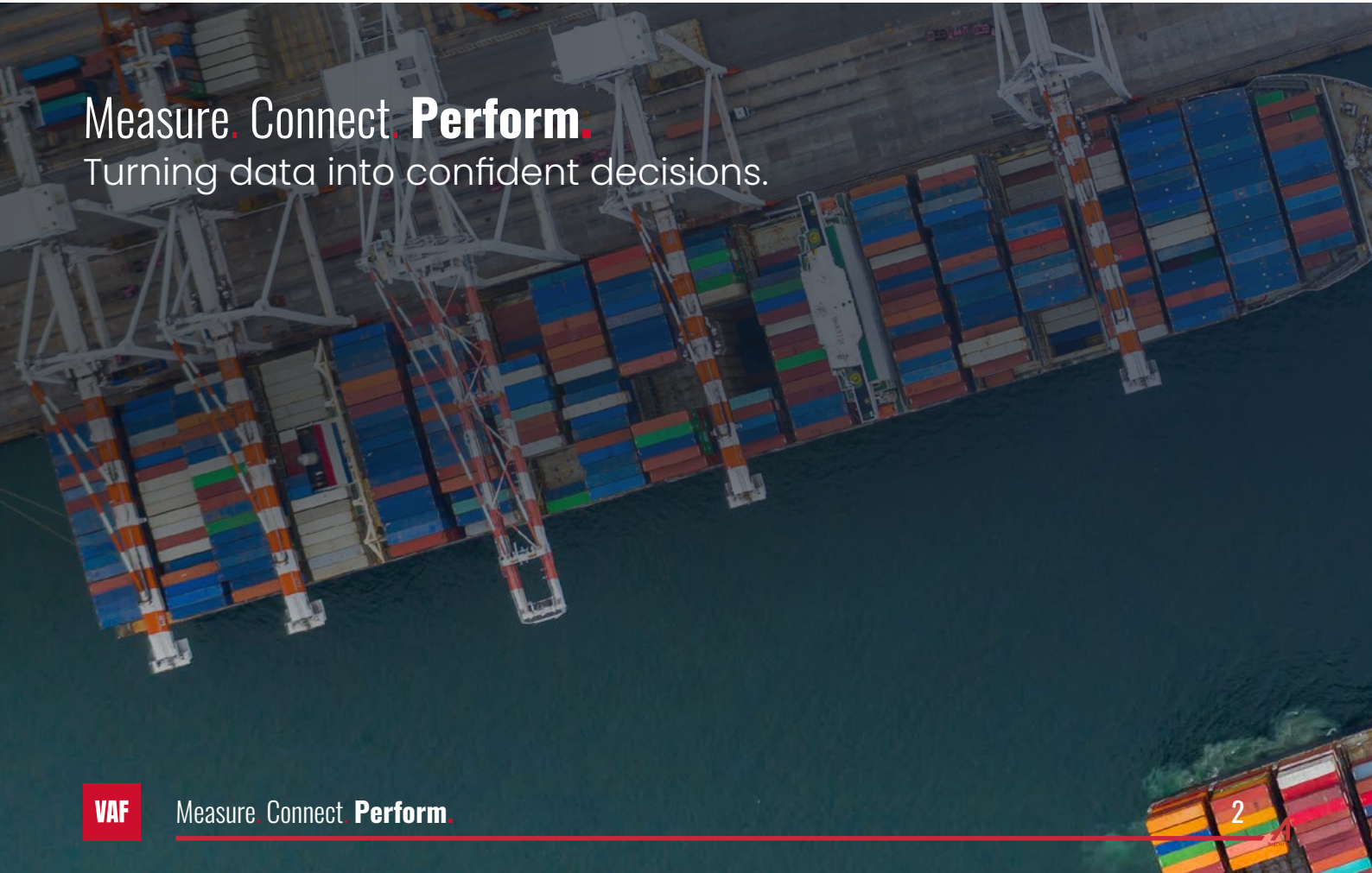
Perform is the third step in the VAF proposition. It turns accurate measurements and connected data streams into dashboards, KPIs, reports and practical insight for daily operation and long-term improvement.

Built for decision-making

Performance information must be clear, comparable and usable. The aim is not to show more data, but to show the right information at the right level: vessel, voyage, engine, propulsion system, fleet or compliance report.

Positioned to measure, connect and perform

Measure creates trusted values. Connect makes those values available as consistent data. Perform turns the data into confident decisions, operational control and measurable improvement.



Measure. Connect. **Perform.**
Turning data into confident decisions.

Performance areas that matter

Performance insight becomes valuable when it helps distinguish between different causes of inefficiency. VAF performance solutions support analysis across the key operating domains of the vessel.



Fuel efficiency

Understand fuel consumption per hour, per nautical mile, per engine or per operating condition.



Engine efficiency

Use fuel and power-related values to evaluate how efficiently the engine converts fuel into useful output.



Propeller efficiency

Use torque, speed, power and thrust-related data where available to evaluate propulsion performance and propeller condition.



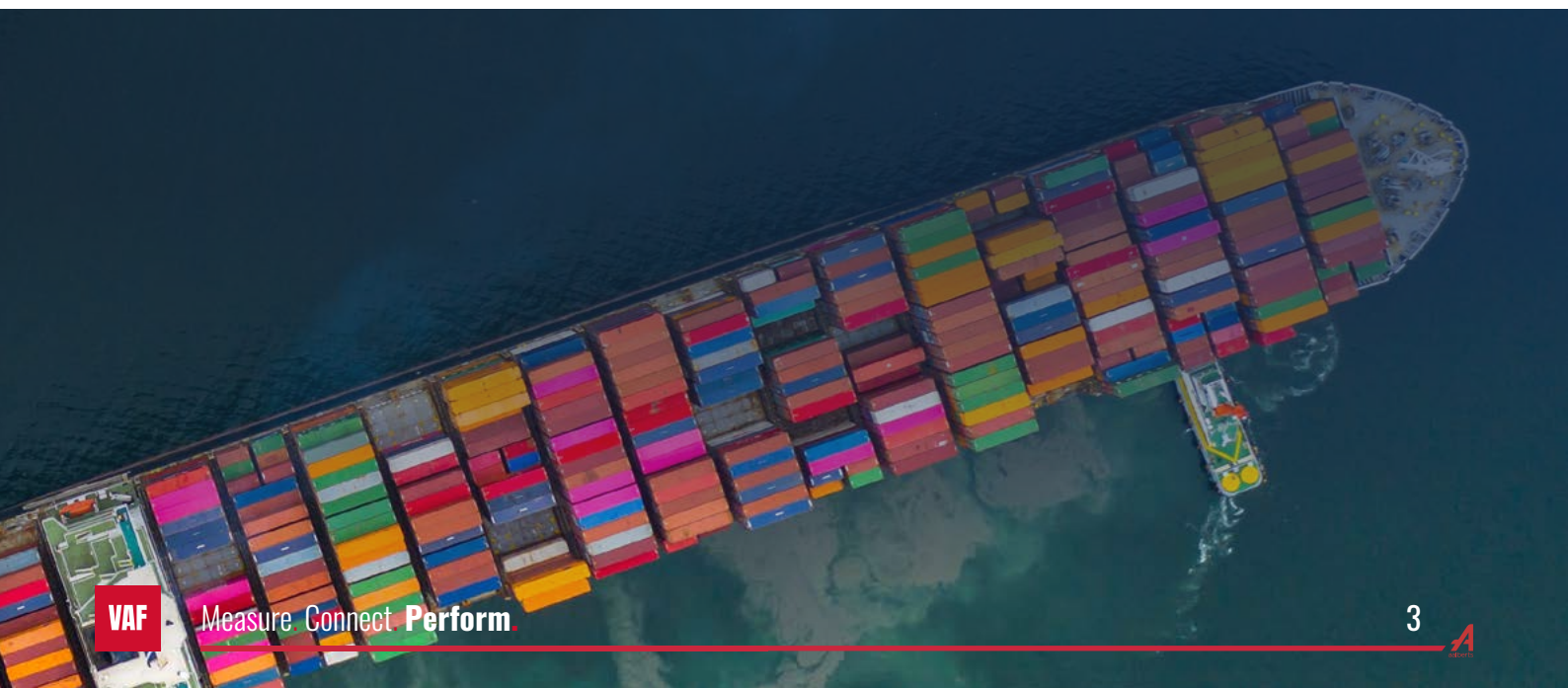
Hull efficiency

Use vessel speed, power and thrust-related information to identify changes in hull resistance and separate hull effects from propeller effects where the measurement scope allows it.



Performance principle

The more clearly the chain from fuel to power, thrust and ship speed is measured and connected, the better performance changes can be understood and acted on.



From data to KPIs

Raw measurement data becomes useful when it is selected, structured, enriched and presented as clear performance information. This is where Perform adds value: not by creating more data, but by turning data into insight that supports decisions.



Data sources

- Fuel consumption
- Shaft power
- Torque and speed
- Propeller thrust where available
- Ship speed and navigation data
- Environmental and operational context



Enrichment and analysis

- Validation of incoming data
- Selection of relevant periods
- Averages and trends
- Comparison between vessels, voyages or operating modes
- Conversion into KPIs, diagrams and reports



KPIs and insight

- Fuel consumption
- SFOC and corrected SFOC
- CO2 emissions
- Power-speed relation
- Engine load
- Propeller and propulsion quotient
- EEOI, CII, EU ETS, FuelEU and voyage reporting where applicable

Measure. Connect. **Perform.**

Turning data into confident decisions.

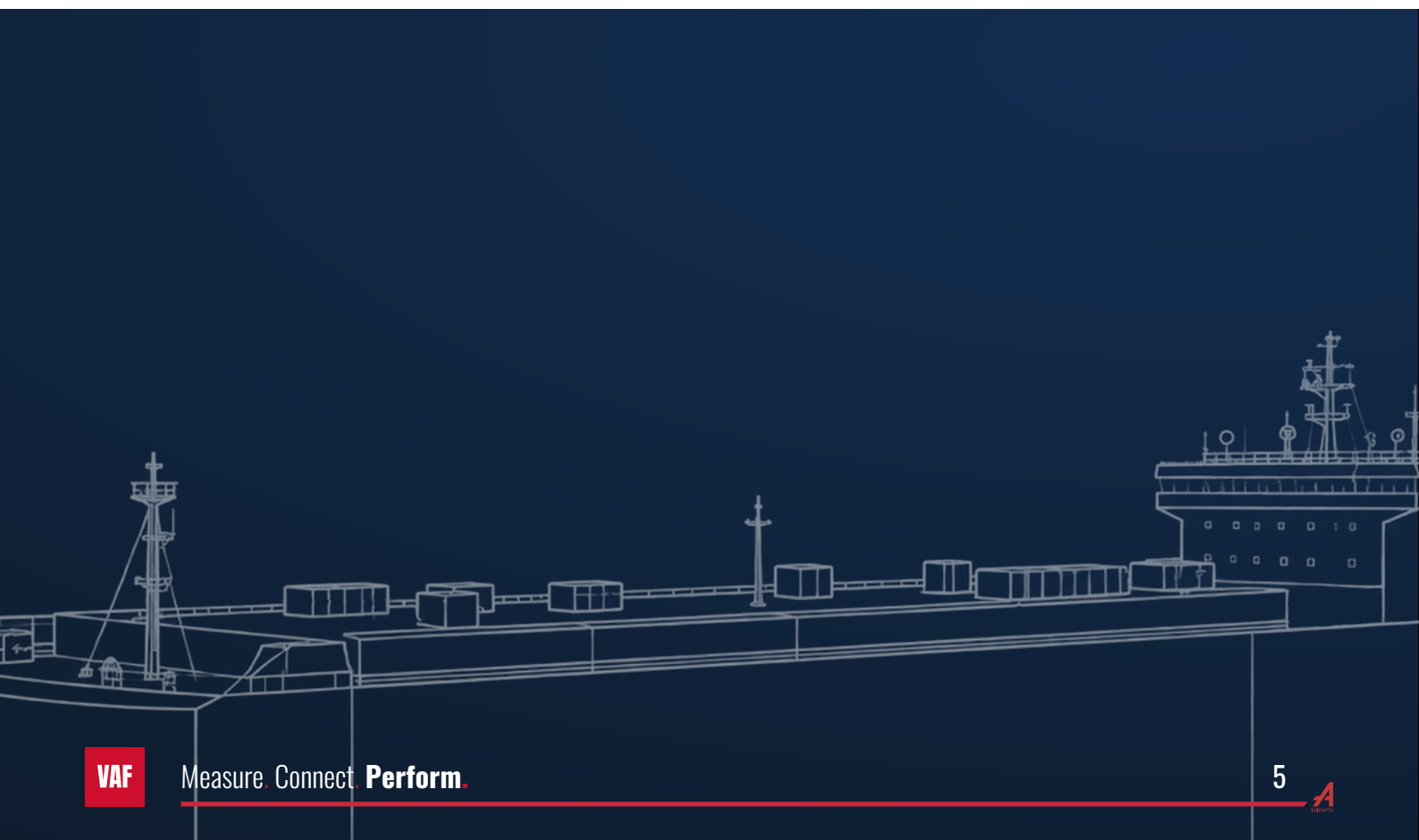
Perform in practice

Performance insight should help different users understand the same vessel from different perspectives: crew, superintendent, fleet manager, analyst, compliance officer or owner.

Performance area	Typical input	Output	Value
Fuel performance	Fuel flow, temperature, density, operating mode	Consumption, totals, trends and fuel-per-distance values	Lower uncertainty in fuel use and operating behaviour
Engine performance	Fuel consumption and power-related values	SFOC, load diagrams and efficiency trends	Clearer view of engine operating condition
Propulsion performance	Torque, speed, shaft power, thrust where available	Power-speed, quotient and propulsion indicators	Better insight into propulsion efficiency and changes over time
Vessel performance	Speed, draft, voyage and environmental context	Voyage, speed and efficiency comparisons	Support for operational optimisation and route evaluation
Compliance and reporting	Validated fuel, voyage and emissions data	Voyage reports, emissions reports and regulatory indicators	Reduced manual handling and more consistent reporting

From Data to Decisions

Performance information can be shown onboard, analysed on shore, used in reports or connected to customer-specific workflows. The objective remains the same: convert trusted data into confident decisions.



Why choose VAF Perform

Benefits

-  Turns data into clear operational insight
-  Supports vessel and fleet-level performance management
-  Connects technical data to practical decisions
-  Makes fuel, power and speed trends visible
-  Supports hull, propeller and propulsion analysis
-  Enables voyage, period and fleet comparisons
-  Supports emissions and compliance reporting
-  Reduces manual handling in performance reporting
-  Helps identify anomalies and improvement potential
-  Provides a stronger basis for maintenance and operational decisions

Practical benefits

VAF Perform helps operators move from available data to usable insight. It supports better decisions on fuel use, efficiency, emissions, maintenance and operational control without forcing users to interpret raw data themselves.



Insight, reporting and control



Dashboards

Performance dashboards translate technical measurements into clear information for the people who need to act on it.



Reports

Automated or structured reports help reduce manual handling and create a consistent basis for voyage, emissions and operational reporting.



Fleet overview

Combining vessel data at fleet level makes it easier to compare ships, detect deviations and identify improvement potential.



Deeper analysis

When a trend changes or an anomaly appears, users can investigate underlying signals and operating conditions to understand what happened and why.

Measure. Connect. **Perform.**
Turning data into confident decisions.

Get in touch With our experts.

Have a question or want to learn more about VAF? Our team is ready to help. Get in touch using the contact details below.

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The VAF logo consists of the letters 'VAF' in white, bold, sans-serif font, centered within a solid red square.

Measure. Connect. **Perform.**

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