

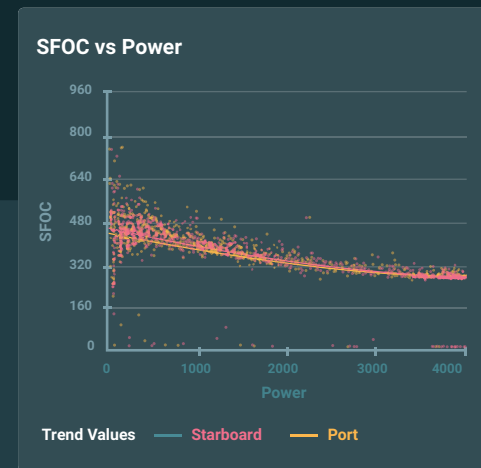
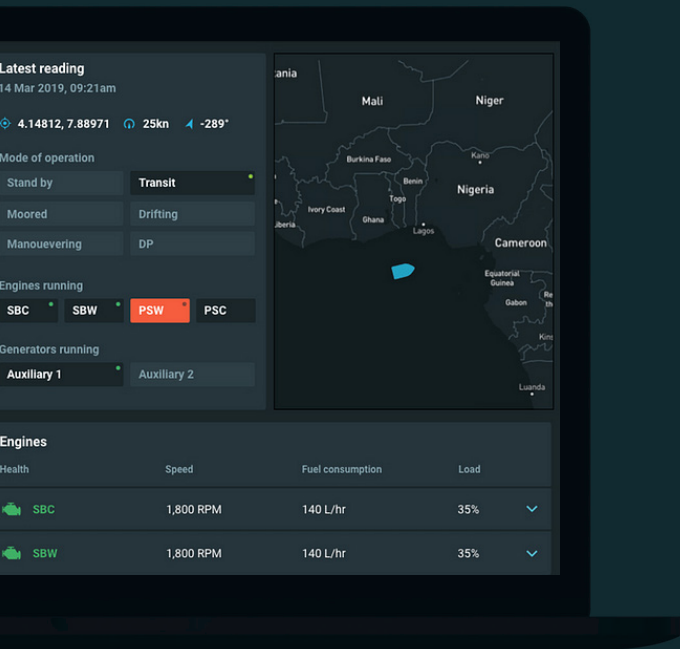
What is engine*i*?

engine*i* is a comprehensive and flexible energy management solution for the marine industry incorporating fuel management, performance optimisation, energy management, tank monitoring and emissions monitoring.

- ✓ Realtime data onboard and onshore
- ✓ Independent satellite communications
- ✓ Vessel tracking (GPS)
- ✓ Integration with existing systems
- ✓ Fleet overview
- ✓ Configurable alarms and alerts
- ✓ Application Programming Interface (API)
- ✓ Secure cloud-based hosting
- ✓ Web portal with support for all modern browsers
- ✓ Remote diagnostics
- ✓ Worldwide support

Improve efficiency, manage fuel, reduce emissions and cut costs

Engineered by Royston, an independent diesel power specialist, engine*i* is a comprehensive and flexible energy management solution for the marine industry.



Performance Optimisation

engine*i* offers a range of performance optimisation features to improve your vessel operational efficiency, developed in collaboration with our team of data analysts.

Eco Speed

Eco Speed is designed to identify the most fuel-efficient speed of a vessel across all applicable operational modes, providing your crew with real-time advice on how to maintain optimal speed for maximum fuel efficiency.

Auto Mode

Automatically determine the operational mode of the vessel using built-in intelligence utilising existing sensors, geo-fencing and advanced data analytics.

- Reduces costs through operational improvements
- Optimise vessel operations
- Offers engine load profiling and SFOC benchmarking
- Engine use distribution analysis

Fuel tanks		
Name	Volume	Capacity
Tank 1	37,154.23 L	50,000 L
Tank 2	20,210.98 L	50,000 L
Tank 3	< 500 L	5,000 L
Tank 4	3,210.98 L	10,000 L

Tank Monitoring

engine*i* offers complete accountability with tank inventory measurement that provides you with a comprehensive overview, based on real-time data and scalable to any number of operational tanks.

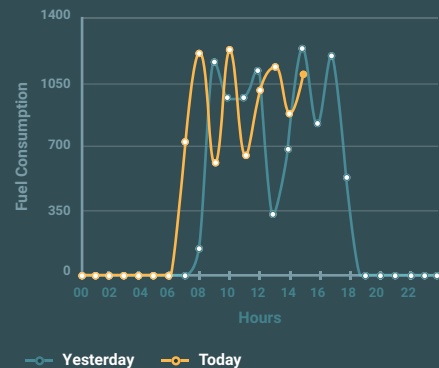
- Eliminates manual tank sounding
- Scalable to any number of tanks of any size
- Remaining on Board (ROB)
- Bundled fuel tank leakage detection system
- Inventory accountability

SYSTEMS INSTALLED

300+

Over 300 systems installed across hundreds of vessels

Fuel consumption



Fuel Monitoring (EFMS)

engine*i* monitors fuel flow for all consumers and bunkering operations, plus vessel speed, position, operational mode, engine running hours, average fuel burn and emissions monitoring, delivering a full management system.

- Reduces costs and improves efficiency, giving you a competitive edge when tendering for contracts
- Meets IOC/Charterer contract requirements
- Offers fleet overview, including trend analysis
- Guarantees bunker accountability
- Printable and electronic bunker delivery notes
- Fuel security with tamper-proof solutions
- Various measurement technology options to meet all budgets and requirements

Generators

Health	Speed	Fuel	Load
✔ Auxiliary 1	2,000 RPM	140 L/hr	35%
Power 400 kW		Torque 8 kNm	
✖ Auxiliary 2	2,000 RPM	100 L/hr	20%

Energy Management

With engine*i*, we have developed an energy management solution that helps ship owners operate their vessels as cost effectively as possible by identifying how your vessel consumes energy.

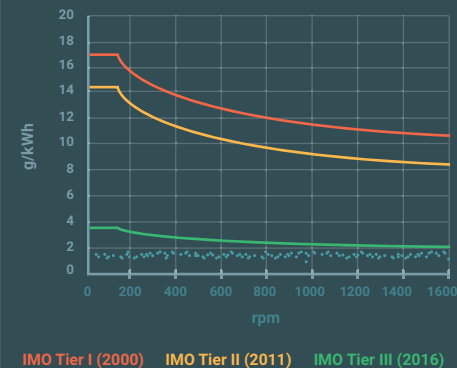
- Reduce energy and fuel consumption
- Visualises energy breakdown
- Identifies energy loss and machinery redundancy
- Trends energy use vs. operational mode
- Offers energy efficiency management plan

CONSUMERS MEASURED

2.4k+

Over 2.4k consumers measured world wide

Emissions



Emissions Monitoring

We have designed and developed a Continuous Emissions Monitoring (CEM) solution, to help meet your data reporting and emissions compliance requirements.

- Meet legislative requirements including SEEMP and MRV reporting
- Captures carbon footprint data
- Gas emission profiling (NO_x | SO_x | CO₂)
- Helps you understand your impact on the environment

COUNTRIES

14

engine*i* is installed on vessels in 14 countries

Fuelled by experience, driven by customers.



Sea Ergon Marine Ltd is a key player in the fields of fire automation, engine automation and intercommunication for the marine market in Greece. We have built up a team of specialised individuals with a common value to be a solution provider for our customers and partners.

As official distributors of engine*i*, Sea Ergon Marine Ltd will provide sales and after market support to the marine sector operating in Greece region.

Contact us today

Discover what we can do for you. Please contact us to find out more about how we can assist you.

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