

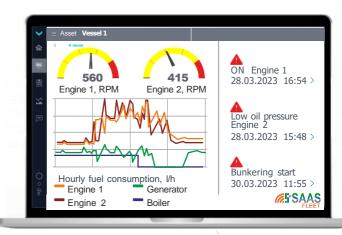
Marine Fuel Management

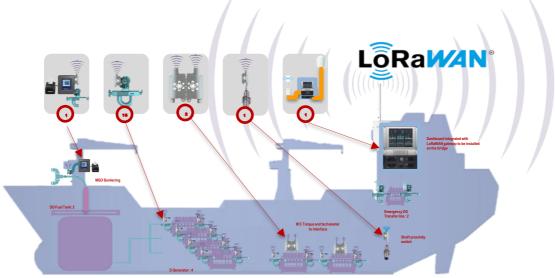




systems are now installed in vessels of all types operating across the globe, helping vessel owners and charterers to meet high standards of operational performance and efficient fuel consumption.

"The new SITSAAS **Fleet** profile-based system builds on this capability by using all the available engine performance data to enable operators to continuously and accurately measure important vessel emissions and report on the findings.





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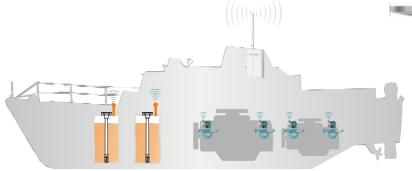


Marine Fuel Management



ROI & CO2 Footprint

The maritime emissions monitoring becoming a critical factor for vessel operators, the new system provides a highly cost effective and accurate method to demonstrate environmental responsibility and compliance with the ever-stringent industry regulations



fuel level sensors/ Fuel

fuel flow meters/ Engine and generator

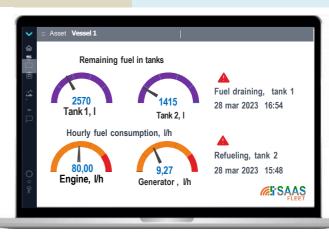
Marine Vessels Monitoring and Managing

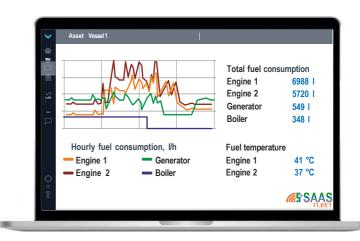
Operating parameters

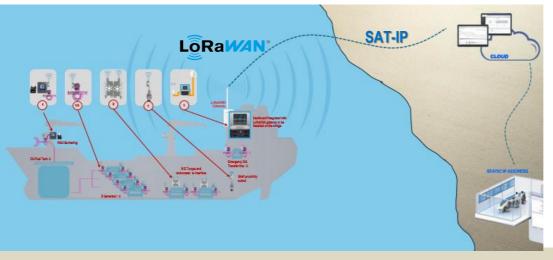
- Hourly fuel consumption of engines, diesel generators, boilers.
- Operating time of each fuel consumer in "Idle", "Loadind," and "Overload" modes.
- RPM, temperature of technical fluids, and other data from standard and additional sensors.
- Bunkering duration and volume of received fuel.

Events

- On/off status of engine, generator and boiler
- Fuel flow meter cheating, engine overspeed, boiler overheating.







LoRaWAN-enabled Fleet Fuel Remote Monitoring & Management System deployed for smart marine operations.

Real-time fuel insights, generator data, and shaft performance streamed securely to the cloud.

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