

Hitachi Zosen Marine Engine Co.,Ltd.

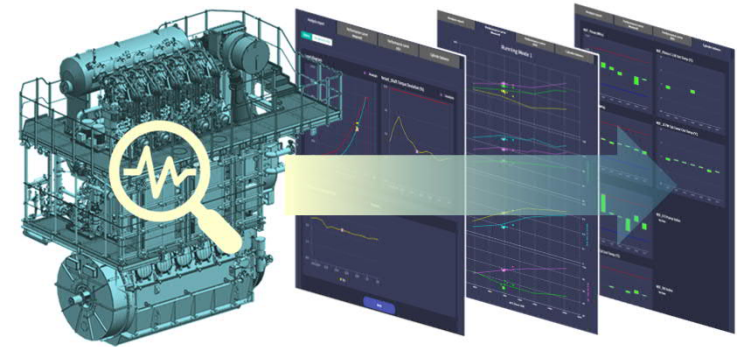


**HiZAS®VDA (Vessel Data Analysis)**



In recent years, due to tightening of regulations and growing need for safe vessel operation management has become sophisticated, data amount collected from vessels is increasing. Shipowners/Ship management companies spend time and effort analyzing, and there is urgent need to improve work efficiency through DX. We have developed “HiZAS®VDA” as new service that utilizes our main engine performance analysis know-how and latest ICT technology, to support analysis for vessels with data collecting platform service. We will continue to accurately grasp customers needs and provide further functions as sustainable growth service.

- Service
  - Cloud base web application
- Contract
  - Annual contract (subscription)
- Main functions
  - Main engine performance analysis
  - Main engine FOC performance estimation
  - Alarm notification
  - Vessel operation performance visualization and evaluation
  - Parts measurement data management
  - Cylinder Condition analysis



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## HiZAS®VDA (Vessel Data Analysis)

Note : Only some of functions are listed.

Function	Image	Benefit
Main engine FOC performance estimation		<p>Save Cost Reduce CO<sub>2</sub></p>
Main engine performance analysis		<p>Prevent M/E trouble</p>
Cylinder Condition analysis		<p>Keep good Cylinder Condition</p>