

Wärtsilä Optimised operations



In today's competitive shipping environment, maximising operational efficiency is key to ensuring profitability. With the Wärtsilä Optimised operations lifecycle solution, you benefit from unprecedented insight into your operations based on real-time monitoring and intelligent analytics. With the help of our decision-making support tools and advice from dedicated experts, you can ensure that your vessels are operating at optimal efficiency – enabling long-term cost predictability while reducing energy consumption and emissions.

ENERGY-EFFICIENT OPERATIONS

Wärtsilä offers real-time onboard decision-making support that will guide you to optimise your vessel's energy efficiency. Our onboard and onshore advisory services such as trim, hull performance, engine efficiency and condition monitoring – combined with vessel audits, component condition evaluation and Wärtsilä recommendations – allow you to identify areas where performance can be improved. These insights provide a holistic view of the efficiency performance of each individual vessel as well as a comprehensive overview of your fleet.

The starting point is continuous monitoring and data collection via automatic and secure data transfer, combined with intelligent analytics and our in-house expertise. Real-time onshore transparency improves collaboration and accountability for reducing costs and controlling emissions. We aim to deliver a win-win solution with shared fuel efficiency incentives.

KEY BENEFITS

- Optimise energy efficiency
- Reduce emissions and operational costs
- Get real-time transparency as well as insights and actionable advice
- Ensure long-term cost predictability
- Enable continuous performance improvement
- Ensure compliance with environmental regulations
- Maximise uptime through optimised maintenance and remote operational support





CONTINUOUS PERFORMANCE IMPROVEMENT

Our solutions go far beyond data collection and monitoring to include the provision of actionable advice onboard your vessels that helps your crew operate the vessel at optimal efficiency. Transparency enables analysis of your fleet's operating conditions, helping to identify opportunities for further improvement. Wärtsilä experts can also make recommendations for improvements in operational practices, equipment efficiency and reliability as well as suggest modifications such as fuel conversions and system upgrades.

Our solution is based on actual performance. We agree measurable performance indicators, and the success of the service is evaluated through performance reviews. Additional performance guarantees can be added to the performance improvements.

COMPLIANCE WITH ENVIRONMENTAL REGULATIONS

With increasingly strict environmental regulations becoming the norm in the shipping industry, our Optimised operations solution can help prepare your fleet for future compliance needs. Continuous monitoring enables a largely automatic system of logging and reporting of compliance to authorities.

MAINTENANCE TAILORED TO YOUR OPERATIONAL NEEDS

All Wärtsilä Lifecycle solutions aim to optimise the time period between overhauls, with the flexibility to tailor maintenance activities according to actual vessel operations. When it comes to detecting potential failures, proactive preventive action is always preferable to after-the-fact corrective procedures. We can monitor the condition of your equipment and the efficiency of operations, as well as conduct expert analyses and periodic equipment inspections. Based on these activities, we can then provide you with predictive maintenance recommendations.

With the Wärtsilä Optimised operations lifecycle solution, you benefit from assured maintenance costs as well as long-term predictability of operational costs. Our service includes remote operational and technical support, scheduled work and parts, as well as Dynamic maintenance planning (DMP™) and inspections.

WHY CHOOSE WÄRTSILÄ

Wärtsilä is an experienced lifecycle solution provider, with a proven track record in operation and maintenance services dating back to the the 1990s. Globally, more than 500 vessels are covered by Wärtsilä's lifecycle solutions.

Our Expertise Centres around the world support our customers with advice, recommendations, and remote tuning based on monitoring and analysis – both during the day-to-day operation of your vessels as well as in unforeseen situations. Expertise Centres accurately predict your maintenance needs and can also identify and communicate improvement possibilities. Expertise Centres enable a holistic view of your fleet's operations while ensuring that your vessels are operating safely and at peak efficiency.

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