



# WÄRTSILÄ GAS SOLUTIONS OPTIMISED MAINTENANCE

The focus on global warming and shipping's contribution to GHG emissions put pressure on the shipping industry to reduce their carbon footprint. Finding a balance between maintenance budget and efficiency to meet stringent regulations is becoming more challenging. Gas Solutions has addressed the importance of optimised maintenance and operational decisions to keep the efficiency and reliability high while also minimising CO<sub>2</sub> emissions. In this Optimised maintenance service agreement, we combine these aspects to give you control over the budget and ensure that you run your plan as efficient as possible, cutting unnecessary emissions while keeping your plant availability at maximum.

## Maintenance customised to your operational needs

The Wärtsilä Optimised maintenance solution optimises the maintenance intervals based on the equipment's condition, our service history database for similar machines, and the customer's operational needs. The equipment's condition can be monitored by Operim® via automatic data collection, periodic health inspections, or evaluation of

checklists filled by the crew/operator. The solution enables maintenance to be scheduled according to the actual needs, instead of having to rely on a fixed maintenance schedule that doesn't take the actual condition of your equipment into account. This helps you to find a good balance between maintenance costs and system performance.

## Key benefits

- Ensure operational reliability and performance
- Maximise availability
- Scheduled parts and services included
- Optimised operation to reduce emissions and fuel costs
- Optimised maintenance
- Financial predictability
- Transparency and overview of total fleet
- 24/7 direct access to our experts



## MAINTENANCE COST AND SERVICE-LEVEL ASSURANCE

Financial predictability is provided through lifecycle solutions with fixed prices and service assurances. As part of the solution, we agree on the offered service level. The agreement can include assured maintenance costs, guaranteed parts delivery, set response times, and a parts and workmanship warranty for up to 24 months.

### Operim® for optimised operations

You will get access to our advanced and unique monitoring and digital twin platform, Operim®. By monitoring covered equipment via automatic and secure data transfer, Operim® provides transparency and full insight into the operational efficiency of your fleet, as well as actionable advice to optimise the operation of your gas

plant. It also provides a platform for easy communication on complicated technical details of equipment within your organisation and towards Wärtsilä.

### Remote operational and technical support

A dedicated senior technical expert prioritises your technical requests and advises your crew, offering remote tuning and troubleshooting. We offer an effective simple to use video chat support to reduce unnecessary onboard attendance. This ensures that any technical issues are resolved as quickly as possible, while also reducing the need for unscheduled maintenance visits. In the event of operational issues or when in need of emergency technical support, the solution supports you with a prompt response 24/7 all year

round by connecting you directly to an expert, ensuring safe and reliable plant operation. You also benefit from the latest design and upgrade information through performance improvement suggestions for your plant.

### Lifecycle solutions

We are constantly working on developing agreement solutions for gas solutions customers to cover the wide range of lifecycle needs. We have several different solutions for technical support, maintenance management, operation optimisation, training, and more. Our customers can choose and combine different solutions for a customised agreement. Send us your inquiry by email or give us a call and we will go through the details of our lifecycle agreements.



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Specifications are subject to change without prior notice.