Welcome to Wärtsilä

The global leader in advanced technologies and complete lifecycle solutions for the marine and energy markets

Wärtsilä’s 19,000 employees generate a net turnover of amounting to 5 billion euro, and currently has approximately 200 business locations in some 70 different countries around the world. We believe in equal opportunities for our employees, and support them in achieving their personal career growth at Wärtsilä.

Our solutions are based on advanced technologies that maximise the economic performance of our customers’ ships and power plants in an environmentally friendly manner. Wärtsilä has achieved a leading global position by emphasising high efficiency, sustainability, innovation, and through being able to provide lifecycle support to its installations. In the marine industry, our nearly 200 years of experience and accumulated know-how is combined with an extensive portfolio of products, systems and integrated solutions that is unmatched by any other single company. One in every three ocean-going vessels has a Wärtsilä solution onboard.

SERVICE RIGHT THERE AT ROTTERDAM HARBOUR

Our service facilities are available for maintenance, service, spare parts and repairs to your Wärtsilä equipment. Whether this involves planned (contractual) maintenance, inspections or emergency repairs, we are ready to help 24/7.

The service location in Schiedam coordinates service activities in the Benelux region. Here, we have all the necessary information on our customers’ ships and installations. This data enables us to provide fast help in finding the right components needed for the best solution, especially for your propulsion machinery.

“ We aim to provide our customers with the optimum result”
Pioneering solutions

By keeping an open mind and being ready to address the customer’s specific needs, the most advanced solutions can be achieved. We work efficiently, diligently, and with an entrepreneur’s attitude. In this way, every Wärtsilä employee contributes to providing the customer with the right answers.

Wärtsilä is well positioned to respond to the increasing demand for environmentally sound solutions and to changing energy demands. We strive for growth by offering innovative, energy-efficient lifecycle solutions, and by leveraging our leading position in technologically advanced innovations.

AHEAD OF THE CURVE

Wärtsilä makes every effort to ensure that its products and services are in compliance with the increasingly stringent regulations governing environmental issues and energy use in both the marine and energy sectors. By staying ahead of the curve, we serve our customers better.

MAKING A DIFFERENCE

The world is changing fast. Sustainable, energy-efficient products and services are becoming increasingly important. This certainly goes for us as well. Our products are developed to meet the demands imposed by the world-wide energy transition. For example, our innovative technologies make ship propulsion increasingly more efficient. Wärtsilä has always been at the forefront in developing systems capable of operating on environmentally friendly Liquefied Natural Gas (LNG). We are accelerating our digital approach to the maritime industry.

PASSION TO PERFORM

Wärtsilä is a proud and involved global player that provides its employees every opportunity to grow professionally and personally. Wärtsilä cherishes the dedication and passion of employees who work hard every day to improve their craftsmanship. We believe in the power of diversity within our company in terms of gender, culture, background, education and more. Every individual, every experience, everyone’s contribution is valuable and ultimately results in the best and most sustainable result for the customer.

Wärtsilä’s headquarters are in Helsinki, Finland. Worldwide, Wärtsilä has 200 locations, eight of which are in the Netherlands. In total, nearly 19,000 people work at the company; nearly 1,000 in the Netherlands.

“"We believe in market-focused, sustainable solutions and valuable career opportunities.""
Our extensive product portfolio

DALLAST WATER TREATMENT SYSTEMS
2 different technologies: flow width 9 m or 125

COMPRESSORS
High pressure air and gas compressors and CNG solutions

NAVIGATION, AUTOMATION AND COMMUNICATION SERVICES
From integrated automation systems to various VSAT, SAT TV, entertainment and infotainment systems and more

MOTORS AND GENERATORS
An extensive product portfolio of engines for both marine and energy applications

EMISSIONS PURIFICATION
Cleaning exhaust gases in order to reduce NOx and SOx emissions

GAS TREATMENT
Oil separators, gas systems and process solutions - including CNG

INERT GAS SYSTEMS
To prevent explosions

INTEGRATED SOLUTIONS
Connecting various elements that contribute to the most efficient and cost-effective operational result

PROF SWAY BEARINGS AND SEALS
Large products for your equipment

SHIP DESIGN
For solutions to the complete propulsion system - ship design is also part of our core activities

PROPELLER PRODUCTS
A wide range of propulsion products, with expertise in design and development in-house

PUMPS AND SHUT-OFF VALVES
Various products for the marine and offshore industries

SONAR & ECHO SYSTEMS
A variety of products for submarines, research & commercial vessels, and for offshore wind farms

WASTEWATER DECONTAMINATION AND WATER MAKERS
Systems for dirty water, oil and bilge, and wastewater

Always ready to serve you - wherever, whenever, 24/7

REMOTE MONITORING
- Monitor all parts of your vessel remotely from anywhere in the world
- 24/7 to reduce costs, the problem to resolve before an engine has to go out
- 2017 vessel service agreements

TURBOCHARGER SERVICES
- Turbo rebuilds and turbo repairs
- Various possibilities

ENGINE SERVICES
- Repairs, modifications and emergency repairs
- Two-stroke engines

PARTS SERVICES
- Original products for all prop shaft bearings and seals
- Engine parts for brands, such as Wärtsilä, Theatri, etc.
- Fabricated parts, e.g. Valve services

REBUILDS & MAINTENANCE
- Wärtsilä has a service workshop in all Wärtsilä locations worldwide
- Wärtsilä specialists work in various fields, including turbocharger balancing and repair services
- QuantiServ, rebuilt for two-stroke engines, etc.

FIELD SERVICES
- Readies and restoration of installations on all Wärtsilä products, such as engines and propulsion systems
- Analysis and restoration of malfunctions
- Repairs
- Propeller systems, alignment, maintenance

INERT GAS SYSTEMS
- To prevent explosions

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WASTEWATER DECONTAMINATION AND WATER MAKERS
- Systems for dirty water, oil and bilge, and wastewater
We are at the forefront of a new era in shipping. This can be seen in Wärtsilä’s unique capability to embed innovation and digitalisation into its customers’ solutions. Simply said, it is no longer sufficient to be able to deliver just a particular product or system. The need for optimum efficiency and minimum risk demands that all the individual components cooperate with each other as a fully integrated system to create a harmonious entity. Wärtsilä has the skills, the experience, and an unmatched portfolio of products to create fully integrated solutions that deliver the most efficient and cost-effective operational result.

Integrated solutions

No single company can match our portfolio of products, systems and solutions. The widely ranging assortment, together with our nearly 200 years of experience and accumulated know-how, enables Wärtsilä to provide the best and most efficient integrated solutions. The ‘sole supplier’ capability provides the customer with simpler and faster design and procurement processes. Furthermore, it facilitates precise and accurate logistics and reduces scheduling and installation risks for shipyards and owners during project management and implementation.

The maritime markets we serve

We provide ‘turnkey’ solutions with 100% project management and risk management.

Wärtsilä propulsion solutions - all under one roof

DEVELOPED AT THE WORLDWIDE TECHNOLOGY & SERVICES CENTRE IN DRUEN

The orange, grey and blue dots below provide a global indication of where the various products are located on a ship. These products, and information about them, is available from Wärtsilä’s Schiedam location.
A leading position in technological innovation and digitalisation for marine sector applications

WÄRTSILÄ GENIUS SERVICES

The Wärtsilä Genius Services programme has been introduced with the aim of optimising the performance of our customers’ installations through exploiting the opportunities offered by digitalisation. The concept has been set up in such a way that a customer’s entire installation is extensively optimised, instead of focusing solely on maintenance issues. Wärtsilä has concluded various maintenance contracts that use Wärtsilä Genius Services, with real-time data and analyses forming the basis of the concept. For all owners and operators, cost efficiency and fully-functioning equipment is of paramount importance, since they are directly linked to profitability. This development of Wärtsilä Genius Services emphasises the need to provide profitable operations for our customers in a safe and environmentally sustainable way.

Wärtsilä Genius Services means:

—Motor efficiency monitoring service
With this service, customers can monitor their fuel consumption and change the RPM of their engines according to real-time data. This also gives for dual-fuel engines. This service monitors the efficiency of the engine in a standardized way (ISO-specified fuel and oil consumption).

—Monitoring the condition of propulsion equipment
This service offers the customer real-time recommendations and immediate reports about the condition of the machinery, along with information for efficient maintenance scheduling.

—Cyber security patching service
This is a subscription-based service offering options for maintaining control throughout the entire lifecycle of a control system. This service delivers updates, repairs and “hot fixes” for applications, systems in-use, devices and servers.

—Offline vibration analysis service
This is a service for propulsion equipment and rotating equipment. This specialist service analyses equipment measurements in order to determine the condition and any maintenance requirements. In this manner, defective parts, or problems with alignment and balance are tracked down and resolved before they have the chance to cause considerable damage.

WÄRTSILÄ ONLINE SERVICES

Using the Wärtsilä Online Service, you can keep track of your system and manage the installation for efficient operation by accessing all relevant information at all times, and from anywhere. Wärtsilä Online Services consists of the following components: Technical Knowledge, Online Parts, TechRequest and Online Guarantee.

Technical knowledge
Access to information about your equipment such as bulletins, interactive manuals and FAQs, 24/7. You can easily search for specific technical documentation.

Online Parts
With Online Parts, you can check the availability of parts and their prices, request a quote for spare parts, and track orders and deliveries. Ordering history is archived automatically.

TechRequest
By submitting a TechRequest, you can ask technical questions directly from Wärtsilä Technical Services. This is an efficient and time-saving service, since your questions are automatically sent to the appropriate technical experts enabling a fast and accurate response. The complete history of all technical questions and relevant answers can be seen here.

Online Guarantee
With Online Guarantee Services, you can simply and efficiently see and manage guarantees claims during their handling, such as current status and claim history.

Eniram: promoting ship efficiency

Together with our subsidiary Eniram, a Finnish technology company that delivers energy management systems and analysis solutions to the maritime industry, Wärtsilä provides specialist technologies that create greater ship efficiency. These include onboard systems enabling the trim, speed, and engine capacity are deployed in the most efficient way possible.

Eniram’s expertise allows us to offer a broad range of services that lessen fuel consumption and reduce exhaust emissions. The offering includes not only individual ship solutions, but also extensive fleet analysis. The acquisition of Eniram has given Wärtsilä a leading position in digital solutions for the marine industry.

Monitoring and direct remote service

ON DEMAND REMOTE SERVICES & MONITORING

Should an issue occur with the onboard machinery (an engine won’t start, engines rev too fast, temperatures are not correct and such things), then a Wärtsilä technical expert is called. In principle, the expert can be anywhere with the laptop and, after authentication, he can access the engine’s automation system. He can then view the readings, discuss things with the customer and make recommendations. In practice, some 60% of these cases result in no engineer having to be sent to the ship, thus saving the customer time and delay. This is a 24/7 service. And it is part of a service agreement for optimised maintenance or optimised operations.

Furthermore, our condition-monitoring system now has the possibility to make day/night variations of error or more parameters go beyond the (stringent) tolerances we set. Our technical experts can then zoom in on the data and contact the ship or customer’s office, as necessary if immediate action is required. This allows us to concentrate on issues having to do with engine reliability, but which also affect efficiency. Wärtsilä provides specific services with Condition-Based Maintenance (CBM) for 4-stroke engines, thrusters and reverse gears.
Shipping in the future

**Wärtsilä PRESENTS ITS VISION FOR THE FUTURE OF SHIPPING**

Wärtsilä’s vision of shipping in future years is based on the growing demand for energy and increasingly stringent environmental legislation, and the effect that these will have on the marine industry. Moreover, Wärtsilä closely follows emerging trends such as sharing economies, new business models resulting from the digital era, the enormous growth in storage capabilities for energy and new, affordable forms of “green” energy. These developments present the shipping industry with both challenges and opportunities.

### Environmentally friendly solutions and products

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### CONVOY

By exploiting advanced control and communication systems among autonomous components, systems and vessels, ships could be operated in convoys. By sailing close together, it is easier for the ships at the rear to maintain the same speed. After all, the suction force of the water acts less on the ships at the rear than it does on those at the front. Sailing at a constant speed provides significant savings in fuel consumption.

In addition, by using autonomous systems, artificial intelligence and improved connection capabilities, fewer crew members are required. Advanced communication technologies will also simplify sharing information, providing time savings, and the optimisation of designating berth to ships.

### ZERO – FLOATING DISTRIBUTION ISLANDS

Another scenario might be the creation of artificial islands along the most important sailing routes. These islands could produce emissions-free fuels from solar or wind for powering green energy sources. Clean energy is becoming a global priority, and the consequences for the shipping industry will become increasingly noticeable in the near future.

### EXERGO – UNLIMITED ENERGY STORAGE

Huge investments are being made in the improvement of energy storage. Wärtsilä believes that battery energy density will increase substantially during the coming years. This will allow ships to operate in sensitive areas silently and with no exhaust emissions.

### Z3 – GREEN ENERGY

Wärtsilä can develop a lease program for a zero-emissions power supply onboard ships. An advantage of this is that operators need not invest, while reliability remains guaranteed. Updates can be supplied with improvements in the technology. The operator pays only according to consumption.

### LIITOS – COLLABORATION

For efficient cargo sharing, access to the same information by all global operators would ensure, for example, that no container ship sails cargo free. This sharing of assets could be achieved by use of a digital tool.
When it comes to ships and shipbuilding, the Netherlands has a long and storied history, of course. From 1939 through 2010, the former LIPS company produced ships’ propellers. In 2013, the company was sold to Wärtsilä. Today, Wärtsilä operates from multiple locations throughout the Benelux region, each with its own specialisation.

Wärtsilä today

In addition to Schiedam, there are seven other Wärtsilä locations in the Netherlands.

From here we serve not only Dutch and Belgian customers, but also clients around the world. Our locations in Kruiningen (QuantiServ) and in Haarlem focus primarily on assisting customers to find the optimal answer to their needs for products, offers, maintenance and parts. Rotterdam is the location for Wärtsilä SAM Electronics. Our repair and maintenance operations are located at Rotterdam harbour, close to where they are most needed. The global knowledge centre (Technology & Services Centre) for propulsion is located in Drunen. As is one of the 10 worldwide Land & Sea Academies. Zwolle is the location of the office occupied with energy solutions for Africa and Europe. Our subsidiary company, QuantiParts, is also located in Zwolle and provides spare parts and know-how support for the ‘classic’ Wärtsilä engine brands. Wärtsilä’s highly automated worldwide logistics centre is located in Kampen.

Facts & figures about Wärtsilä in the Benelux region

- Approximately 1000 employees work in the Netherlands.
- 23 nationalities.
- Of whom 85% are men and 15% are women.
- Activities: Marine solutions, services, energy solutions, supporting departments.
- In total, 81.8% in marine solutions, 16.2% in energy solutions, 0.8% in services and 0.9% in supporting departments.

Nearly 200 years of history

When it comes to ships and shipbuilding, the Netherlands has a long and storied history, of course. From 1939 through 2010, the former LIPS company produced ships’ propellers. In 2013, the company was sold to Wärtsilä. Today, Wärtsilä operates from multiple locations throughout the Benelux region, each with its own specialisation.
Wärtsilä Dual-Fuel technology for EU NRMM Stage V inland waterway shipping emission requirements*

As you know, EU rulings have established the new emission-level limits with which the inland shipping sector must comply starting in 2019/2020. These new requirements contain considerable reductions in NOx emissions, methane slip and fine particulate emissions compared with the current EU Stage IIa / CCNR2 requirements. Wärtsilä supports these new requirements from the standpoint of making the inland shipping sector as much as environmentally friendly, confirming inland shipping's position as the cleanest form of transport.

Using LNG as fuel delivers proven savings in terms of NOx (80%) and fine particulate emissions (90-70%). This is especially important for local air quality. LNG also packs a significant reduction in CO2 emissions - approximately 25%. Unburned natural gas, or methane slip, is often cited as limiting the environmental advantages of LNG. However, this is now being effectively dealt with (see below).

Wärtsilä has supplied Dual-Fuel (DF) engines for ocean-going vessels since the late 1990s. In 2013, the technology was adapted to the inland waterway shipping sector. The ships “Eiger-Nordwand” (Danser) and the “Sirocco” (Chemgas Barging) have now both been equipped with Wärtsilä 20DF engines. These vessels continue to operate successfully and the experience gained is part of our “continual improvement” strategy for dual-fuel engines. The figure below illustrates this development.

Figure 2: Development of the Wärtsilä 20 Dual-Fuel engine: NRMM Stage V (without after-treatment) (see below).

Reduction of methane slip
Recent developments, focused on the reduction of methane slip, have yielded significant results. During testing in our ‘Engine Laboratory’, the new Stage V limit values for methane slip and fine particulates have already been achieved! This means that Wärtsilä’s technology for meeting the new emissions requirements is now both known and feasible. Wärtsilä Dual-Fuel engines can comply with these standards without requiring additional after-treatment. Figure 2 also indicates that further reduction of the emissions - e.g. methane slip < 5 gr/kWh; (E3 Test Cycle) - is the goal. Emissions of methane slip from larger Wärtsilä Dual-Fuel engines (series 34 and higher) are already well below the Stage V limit.

Thank you in part to these rapid technological Dual-Fuel developments, using LNG as fuel is the most effective path toward a cleaner environment. Not just in terms of air quality, but also concerning the worldwide reduction of CO2 emissions.
Wärtsilä back its products and solutions with full service support. Whether the need is for repairs, maintenance or spare parts, we are ready to serve you quickly and efficiently. This support applies to our full offering, including engines, propellers, pumps, turbochargers, bridge navigation and all sorts of communication and other equipment. This applies to both Wärtsilä products and to the classic engine brands.

Wärtsilä Schiedam has its own quay, where ships of up to 200 m length and 8 m draft can berth. We take care of planned maintenance and repairs, and we also remedy urgent malfunctions.

We coordinate service activities for the Benelux region from the location: from recommendations to quotes and from contracting to scheduling. At Havenstraat 21 (harbour number 3/19), we have three specialised workplaces. — Engine components: we repair, rebuild and recondition engines, fuel pumps and loading pumps and components. Also: alignment, welding and finishing — Propulsion systems: prop shafts, propellers, seals and bearings — Metallurgical repairs: repair and adaptation of propellers and other equipment made of steel, bronze CuNial and other alloys.

Parts for classic brands

We continue providing service for our products, even if they are no longer in production. This includes engines, propellers, shafts, pumps, hydraulic equipment and more.

We are available to serve you at any time from both Wärtsilä and Quantiparts. 24/7. Take advantage of our technological expertise, validated recommendations, and our full array of services including maintenance, repairs and rebuilds.

We also have workplaces in Harlingen and Kruiningen for all component-processing from cylinders to pumps and from turbochargers to air coolers.

Our mobile service technicians can be deployed throughout the region, either onboard ship, at the yard, and they can even sail along with the ship if necessary in order to lose as little time as possible. We are standing by 24/7. In total, we provide service for more than 34 different types and models of Wärtsilä equipment. Both 2-stroke and 4-stroke engines, and regardless of the fuel used. We have the knowledge in-house and the parts in stock to handle your needs. For propeller repairs, we have a mobile workplace with specialist tools. We act fast to keep you operating.

Wherever our customers are, that’s where Wärtsilä is. You can find us on every continent and in 75 countries. So we’re always on-site rapidly for emergency repairs or parts. We have 4500 specially-trained specialists who know how to get things done. They can make a diagnosis quickly on site and, possibly, with the support of a local workshop, implement a workable solution. If necessary and feasible, they can sail with the ship to the next port to save downtime.

The possibilities for service on location are extensive. The activities performed most often are:

— Rebuilds of engines, parts and pumps
— Analyzing and resolving malfunctions
— Repairs at the nearest workshop
— In-ship repairs, alignment
— Inspection of mechanical, electrical and automated installations
— Measuring and analyzing installations
— Upgrades and retrofits

We can perform maintenance activities both critical and otherwise, from technical investigations to complete rebuilds.

We also offer fast assistance to ships from all corners of the world: from the yards of Dutch and Belgian ports. A single phone call is all that is needed.

Contact us:

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Fax: +31 (0)10 404 7311

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www.wartsila-schiedam.nl

service@wartsila-schiedam.nl

www.wartsila-schiedam.nl
Wärtsilä Propulsion offers specialised services and extensive repairs for fixed and adjustable propellers. Our team performs both standard and emergency repairs to propellers and thrusters. This goes for all kinds of propellers, also for water jets. Wärtsilä engineers and specialists are certified in a broad range of materials, approved by classification bureaus. We have experience dealing with everything made of stainless steel and nickel, aluminium bronze, brasses and duplex manganese.

Polishing propellers or thrusters, combined with repairs to damage at the edges, considerably improves a propeller’s operational efficiency - generally from 2-5%.

“Metallurgical repairs wherever you need us”

Special tools and equipment are required for metallurgical repairs. This is why Wärtsilä uses 20-foot storage containers placed at strategic locations around the world. With these, we can ensure that we can distribute equipment quickly and efficiently to the location where your repair must be made. In Schiedam, we also have a specialist workshop for metallurgical repair. A specialised team is standing by for you.

“Training”

Good maintenance starts with the people who work with the engines every day. To train and instruct your crew (as well as the maintenance technicians in your own technical service, for example), you can count on the Wärtsilä Land and Sea Academy. With 10 specialised training centres around the world, we can always provide you with bespoke training. Whenever and wherever it suits you.

Drunen is the location of one of Wärtsilä’s 10 Land and Sea Academies. Training and instruction are provided here on the maintenance and operation of engines, propulsion systems, electrical systems and control systems. The 1200 m² building has all of the facilities: modern training rooms with accessories and equipment, testing rooms and simulators. Training sessions can be bespoke, both in terms of content and in terms of where and how the training can be done - e.g., onboard or at another location you desire.

An indication of our training offering:
- Adjustable propellers (including control system)
- Gearboxes
- Seals, bearings and prop shaft housings
- Steerable thrusters (including control system)
- Transverse thrusters (including control system)
- Water jets (including control system)
- Propulsion Control System retrofit
- Propulsion training for shipyard employees
- Dual-Fuel engines
- Engine operation UNIC C2/C3
- Electro-technical & Automation
- Propulsion Condition Monitoring
- Service (PCMS)

The payback time for your repair can be between one and three months.
Engine services

Wärtsilä is one of the largest manufacturers of ships’ engines in the world. We are known for our years of knowledge and experience with marine engines, both 2- and 4-stroke.

Our advanced technologies are based on years of experience, and we have been a leader in the development of dual-fuel engines enabling LNG to become a viable marine fuel. We are skilled at modifying engines to achieve greater efficiency, thereby saving fuel and, consequently, reducing harmful exhaust emissions. We are fully acquainted with, and able to keep you informed on, the latest developments, update and possible local points that must be kept in mind when performing repairs, rebuilds or maintenance of ships’ engines. Wärtsilä’s Online Services is also available to keep you up-to-date, as well as providing information on the availability of spare parts. Our engine service specialists are fully trained and experienced to provide high quality service.

Gas and dual-fuel engines

Wärtsilä invests heavily in the development of new engines. The focus is primarily on clean-burning gas and dual-fuel engines. Ships operating in gas mode can operate without restrictions in SECA’s (sulphur emission control areas).

Furthermore, dual-fuel engines offer ship owners a high degree of flexibility in their choice of fuels. Depending on the sailing area and the price of fuel, you can choose the most inexpensive fuel.

Wärtsilä W31 engine

With the W31, Wärtsilä has launched the first of a new generation of medium-speed engines. The fuel efficiency is such that Guinness World Records recognized the W31 as being ‘the world’s most efficient 4-stroke diesel engine’. With low fuel consumption and better environmental performance, the W31 is an excellent choice for a variety of vessels requiring a main engine with a power output of 4.2 to 9.8 MW.

We offer a wide range of pumps and shut-off valves.

A selection:

- Deep well cargo pumps
- Deep well gas pumps
- Deep well balanced pumps
- Centrifugal pumps
- Sea water pumps
- Flex exhausting pumps
- Fuel pumps
- Ball valves
- Butterfly valves
- Port valves

Propeller shaft bearings and seals

Wärtsilä supplies complete seals, bearings and gaskets.

Opt for security and reliability. Also for the environment - if this is how you prevent leaks.

We have all OEM bearings and seals for the following brands of prop shafts, water jets and thrusters:

- John Crane - Liske
- Japan Marine Technologies
- Osbome
- DSS
- Lem
- AMT

Navigation has to work at all times and communication must be seamless - both onboard and with the outside world. Wärtsilä SAM Electronics Nederland can supply and install all equipment, software, controls, connections and wiring. A unique product/service combination is the fully-integrated bridge, which combines various products, including:

- Radar
- ECDIS
- Autopilot
- Depth sounder
- VDR
- AIS
- Dynamic Positioning
- Alarm and Monitoring

We provide a single point of contact for all these systems, which are developed in-house. With flexibility, solutions tailored to your exact needs and excellent performance, they represent the best choice available.

Dynamic Positioning

Dynamic Positioning is vital to certain ship operations, such as on working vessels, cranes and installation ships that are active on the open sea. Precise positioning based on satellite data is today a standard requirement.

More rapid data availability and more rapid data availability and prevents malfunctions.

This provides seamless connections, ethernet based, bridge concept.

Platinum represents a fully integrated, internet based, bridge concept.

The fifth generation of NACOS Platinum represents a fully integrated, internet based, bridge concept.

Furthermore, all information can be presented on all workstations. The combined functionality can then be viewed on a single screen.

Every bridge is bespoke work. This applies to the equipment selected, its location, the dimensions and the type of console. Design and engineering are carried out in consultation with the ship’s owner and the shipyard.

Integrated bridge concept: NACOS Platinum

Wärtsilä SAM Electronics, Rotterdam

We supply satellite receivers (VSAT) for internet, e-mail and telephony on board. We have systems, just as extensive as the client wishes.

We supply complete systems, just as extensive as the client wishes.

Entertainment & Infotainment

For navigation and entertainment onboard, Wärtsilä SAM Electronics Nederland has various systems for television, internet, e-mail and video (on-demand). These systems increase passenger enjoyment and crew comfort. We supply complete systems, just as extensive as the client wishes.

For relaxation and entertainment onboard, Wärtsilä SAM Electronics Nederland has various systems for television, internet, e-mail and video (on-demand). These systems increase passenger enjoyment and crew comfort. We supply complete systems, just as extensive as the client wishes.

We supply satellite receivers (VSAT) for internet, e-mail and telephony on board. We don’t produce these ourselves, but purchase them from leading manufactures.

- Icon
- Cosham
- Intellian

For relaxation and entertainment onboard, Wärtsilä SAM Electronics Nederland has various systems for television, internet, e-mail and video (on-demand). These systems increase passenger enjoyment and crew comfort. We supply complete systems, just as extensive as the client wishes.

We supply satellite receivers (VSAT) for internet, e-mail and telephony on board. We don’t produce these ourselves, but purchase them from leading manufactures.

- Icon
- Cosham
- Intellian
Your advantage, our power

OPERATIONAL RELIABILITY THROUGHOUT THE ENTIRE LIFECYCLE OF YOUR WÄRTSILÄ EQUIPMENT

INNOVATIVE SOLUTIONS

LNG technology

Environmentally friendly solutions and products

Own digitalisation developments in the maritime sector

For new vessels (Life Cycle Solutions) and existing vessels (Mid Life Cycle Upgrades)

DIGITALISATION AND MONITORING OF YOUR WÄRTSILÄ EQUIPMENT

Eniram: Ship efficiency

Wärtsilä Genius Services

Engine efficiency monitoring service, monitoring of the condition of your propulsion equipment, cyber security patching service, offline vibration analysis service, online services, customer support.

Online Services

Access to technical knowledge, online parts, TechRequest, online guarantee.

Monitoring and direct remote service

TOTAL RANGE

Wärtsilä: not just for engines, but for the entire propulsion drivetrain

A single point of contact, 100% project management and risk management. The global knowledge centre (Technology & Services Centre) for propulsion is located in Drunen. As is one of the 10 worldwide Land & Sea Academies.

Wärtsilä SAM Electronics

Including bridge navigation, automation, communication and entertainment.

QuantParts

Service and parts facility for classic engine brands from our QuantParts subsidiary.

RELIABLE BUSINESS PARTNER

In-house technical knowledge since 1827.

Both a manufacturer and a supplier

High quality at competitive prices

Worldwide service network 24/7

Excellent coverage in the Benelux region

Service wherever and whenever you want it

On-demand and via service agreements

www.wartsila.com/services/support/online-services

Please contact us however you like

GENERAL TELEPHONE NUMBER, 24/7 SERVICE: +31 88 980 2000

CONTACT VIA THE ‘CUSTOMER SUPPORT CENTRE’ (CSC)

WWW.WARTSILA.COM/CSC

MAKE USE OF WÄRTSILÄ ONLINE SERVICES

WWW.WARTSILA.COM/ONLINE-SERVICES

SCHIEDAM, WÄRTSILÄ
Call +31 88 980 2000
sales.benelux@wartsila.com
parts.ukandbenelux@wartsila.com

HARLINGEN, WÄRTSILÄ
Call +31 88 980 2900

KRUIRINGEN, QUANTIPARTS
Call +31 88 980 2700

ROTTERDAM, WÄRTSILÄ SAM ELECTRONICS
Call +31 10 479 5444
sales.sam.nl@wartsila.com

STELLENDAM, WÄRTSILÄ SAM ELECTRONICS
Call +31 187 493 826
info.visserij.sam.nl@wartsila.com
WWW.SAM-ELECTRONICS.NL

ZWOLLE, QUANTIPARTS
Call +31 88 980 2500
sales@quantiparts.com
WWW.QUANTIPARTS.COM

GENERAL TELEPHONE NUMBER, 24/7 SERVICE: +31 88 980 2000

www.wartsila.com/nld

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Excellen...
TOGETHER WE CAN KEEP THINGS SAFE

Our employees' safety and that of our guests is always paramount. By following instructions, we can jointly ensure everyone's safety.

The following regulations apply on the Wärtsilä premises to both employees and visitors. We expect you to read, use and apply these regulations. So please read the text in this flyer carefully.

Visit to the office

- Upon arrival, you announce yourself at the reception desk in the office building, Havenstraat 21, and register as a visitor. You will then receive a visitor badge. We request that you wear this visibly.
- Upon departure, you must notify the reception and turn in the badge.
- Should you encounter any unsafe situation, please notify your Wärtsilä contact person.
- We request that you follow the instructions of corporate emergency responders in the event of an emergency. You can recognise these employees by their fluorescent jackets (with BHV on the back).
- Hold the bannisters when using the stairs.
- No bags allowed in the warehouse.
- Don’t use the elevator during emergencies.
- +31 (0)988 - 980 1112 Emergency number

Delivery and pick-up of goods

- Approved suppliers are familiar with the applicable regulations for loading and unloading goods and equipment. If you are not familiar with these regulations, please announce your arrival at the Wärtsilä office reception area at Havenstraat 21.
- In order to enter the office building, you must first register with reception. This is not necessary of you’re only dropping off goods or picking them up. Follow the applicable instructions for loading and unloading goods.
- To pick up and/or deliver goods and/or equipment for the ‘Services’ workplace, use the one-way street via the Harding office, near entrance #3 on Havenstraat 24.
- To pick up and/or deliver goods and/or equipment for the ‘Propulsion’ workplace, use entrance #1 on Havenstraat 28.

In addition to the general safety regulations, other additional guidelines also apply when entering the workshop.

- Hearing protection is mandatory in certain areas
- Safety shoes mandatory
- Safety vest mandatory
- AEO (Authorised Economic Operator) area. Strict regulations for international trading apply accordingly
- Do you have a pacemaker? Notify your Wärtsilä contact of this before entering the workshop - this, because of machines operating at 380 volt

Be safe with TOM

Think
Observe
Manage

Please dispose waste in the waste bins
Smoking is only permitted in the designated areas
No access to the premises for children under 16
The speed limit is 15 km/h
Taking pictures is only permitted with Wärtsilä permission
Please dispose waste in the waste bins
Parking in the designated areas
Meeting point. Follow the instructions of the corporate emergency responder (Dutch: BHV-er), recognisable by their fluorescent vest with BHV on the back

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