

SERVICE SOLUTIONS



N·V·L

NVL GROUP

CONTENTS

NVL Group – A commitment to quality	5
Our Vision	6
NVL Services – Keeping you mission-ready	7
Guardians of Quality at your service	8
Life cycle services	9
Spare parts supply	10
Documentation	12
Training	14
Maintenance	16
Repair	18
Upgrade	20
Digital transformation	22
Infrastructure support	24
Local consultancy and partnership	26

October 2021



NVL GROUP

A COMMITMENT TO QUALITY

New build lies at the heart of our business at NVL Group. NVL stands for Naval Vessels Lürssen, an independent, privately held group of Northern German shipyards and related companies, formerly known as Lürssen Defence.

We have completed more than 1,000 naval vessels and coast guard vessels since our beginnings in the late 1870s, and have built and repaired ships for both the German Navy and fleets in over 50 countries. Today, construction at our network of shipyards is supplemented by licensed manufacture at customer facilities around the world under technology transfer arrangements.

We take pride in our heritage and continuously strive to remain pioneers of innovative solutions while combining product quality and affordability.

The breadth of our expertise is demonstrated by our portfolio, ranging from fast patrol boats and offshore patrol vessels to corvettes, frigates, mine warfare vessels and logistic support ships. Whatever the requirement, at NVL Group we build high-quality ships that produce superior levels of performance – and then sustain this performance throughout their life cycles with the expertise of NVL Services.

OUR VISION

**“WE STRIVE TO BE THE
FIRST PORT OF CALL FOR
NAVIES AND MARITIME
CUSTOMERS ACROSS ALL
THE SEVEN SEAS.”**

NVL SERVICES

KEEPING YOU MISSION-READY

We have been a leader in quality and performance from the very beginning. Today our continued reputation for excellence is based both on the capability of the vessels we build and the comprehensive support services we provide.

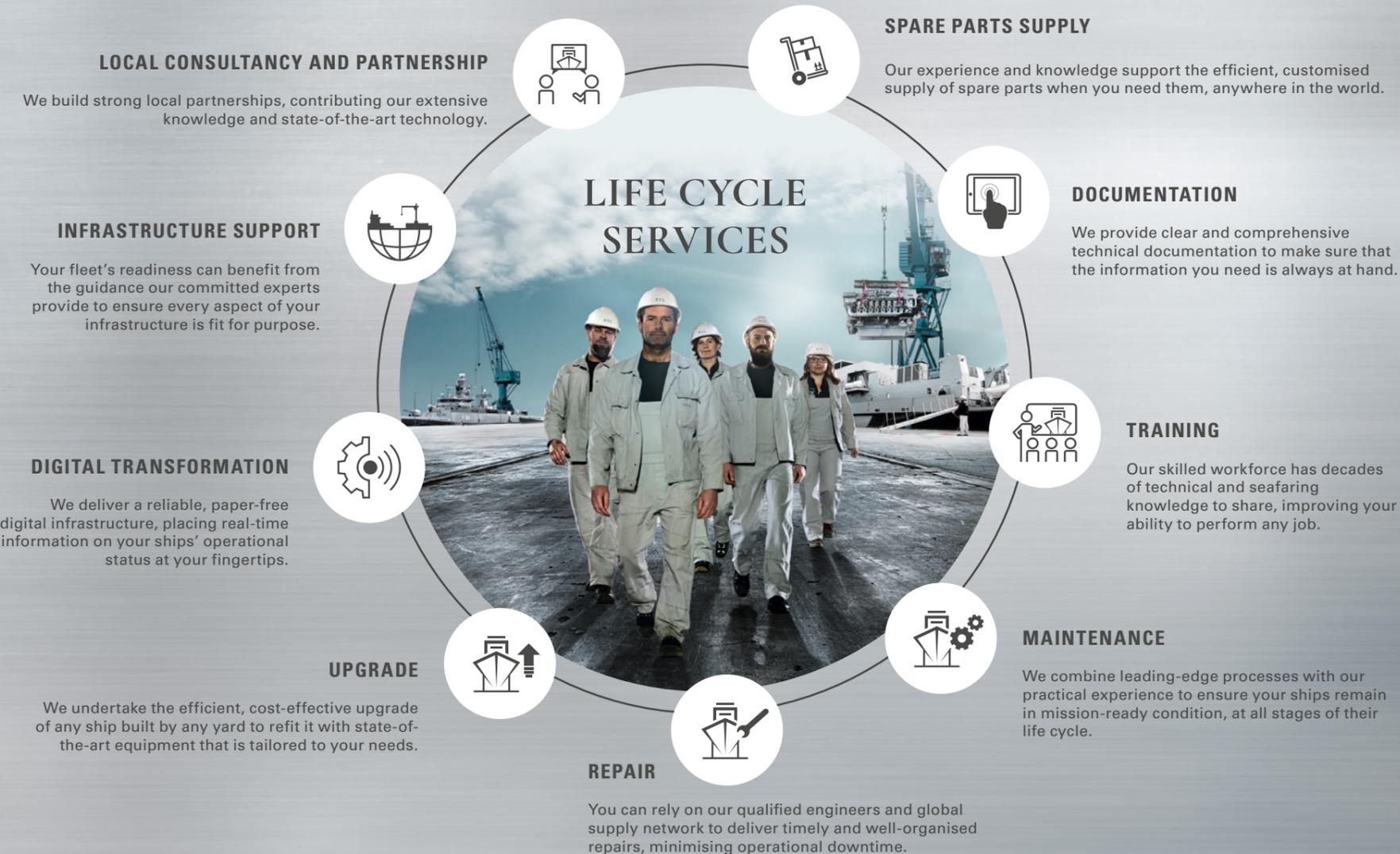
Our mission at NVL Services is to keep your fleet mission-ready. Together with our shipyards, we work in partnership with you to understand your needs, delivering a comprehensive range of services to ensure your ships are fit to perform when you give the command. With a down-to-earth approach, we provide flexible support that is tailored to your specific needs.

Services are available both for vessels built by a shipyard of the NVL Group and for those constructed by other manufacturers. Our tailored support sustains your fleet in peak condition, offering potential for local build when a vessel reaches the end of its life cycle.

COMPREHENSIVE SUPPORT

GUARDIANS OF QUALITY AT YOUR SERVICE

Upholding our reputation are our Guardians of Quality – the committed and experienced workforce of NVL Services. Accessible anywhere in the world, our skilled team makes sure your ships perform at their best throughout their life cycles. Whether you require a simple refit of just one ship or complex, full-service support for an entire fleet, our Guardians of Quality ensure that the full extent of our technical and practical knowledge is at your disposal, as and when you need it.



SPARE PARTS SUPPLY
PROVIDING THE SPARE PARTS YOU NEED, ANYWHERE, FAST AND RELIABLY

Our goal at NVL Services is to ensure your fleet is ready for the missions you perform. Providing timely access to the correct spare parts is essential in achieving this objective.

Our efficient spare parts service combines our extensive knowledge of ships with a global logistics network. Our experts collaborate with you to understand your fleet and its mission profile. We use this insight to customise a flexible supply system to your specific requirements. We provide spares for ships built in any yard.

Our spare parts service makes sure that the part you need is available exactly when you want it, anywhere in the world.



We personally ensure the right spare parts are at hand to keep you mission-ready.



KEY SERVICE ADVANTAGES

- Efficient global supply of spare parts
- A tailored logistics service
- Effective results based on our broad expertise



KEY SERVICE ADVANTAGES

- Reliable documentation based on established standards
- Clear information customised to your needs
- Support with your paper-to-digital transformation

DOCUMENTATION SUPPORTING YOUR CREW WITH ACCURATE TECHNICAL DOCUMENTATION

NVL Services recognises that operational readiness depends on access to reliable technical information. We make sure this is always within easy reach. We create a documentation system tailored to your fleet's specific needs. It includes a full range of technical documentation on your equipment, all produced to recognised standards, as well as accurate, well-structured information that your crew will find clear and easy to use. Furthermore, it incorporates the replacement of paper manuals with innovative digital delivery.

Our target is to place information at your team's immediate disposal, ensuring your vessels are always ready to deploy.



TRAINING

SHARING OUR EXPERTISE TO HELP YOU EXCEL

At NVL Services, we believe a fully trained crew is as vital for performance as a well-built, efficiently maintained ship. We have decades of technical and seafaring experience to share, helping you gain full advantage from your equipment.

Our trainers are amongst our most important Guardians of Quality. They have a proven track record, developing the skills of some 6,000 trainees over 35 years. Our team is proud to pass on expertise in disciplines ranging from construction and maintenance through to ship operation and damage control.

Our commitment extends to guiding your own trainers, expanding their proficiency. Training is tailored to your fleet's exact demands. We provide instruction at sea, at your base or at the NVL Training Centre – whichever best meets your needs. In every case, our aim is to enhance your ability to undertake the specified task.



We guide your team towards increased proficiency.



KEY SERVICE ADVANTAGES

- Training based on both technical and seafaring experience
- Enhanced proficiency across a wide range of disciplines
- Programmes tailored to your team's specific demands



KEY SERVICE ADVANTAGES

- Comprehensive maintenance solutions, both preventive and corrective
- A customised approach combining analytical and practical skills
- Implementation with advanced equipment and support systems

MAINTENANCE ENSURING YOUR FLEET IS READY FOR DEPLOYMENT

Our maintenance services aim to keep your fleet operational. At NVL Services, we couple technical knowledge with hands-on management skills to provide effective support.

As always, we adopt a customised approach. Our Guardians of Quality define a strategy based on their analytical and practical expertise, encompassing preventive and corrective elements. State-of-the-art tools aid planning and execution.

Implementation is flexible. We can offer a full package that covers all requirements, or simply assist your team with guidance and supervision.



From complex down to small maintenance tasks, we customise our approach.

REPAIR

RETURNING YOUR SHIPS TO OPERATIONS QUICKLY AND EFFICIENTLY

Our commitment to our customers includes responding to the unexpected. At NVL Services we act promptly when a ship needs repair, minimising downtime from your fleet. Our repair service focuses on the quality and performance that are our hallmarks. We listen to your needs, understand the requirements and deliver a solution.

We are confident in handling even the most complex projects, drawing on our vast knowledge of ships and their systems, our highly qualified, skilled workforce, and our extensive global supplier and logistics network.

Whether working on a ship built by a shipyard of the NVL Group or another shipyard, you can trust us to deliver a high-quality, cost-effective repair. We strive to get your ships back in operation in the shortest time possible.



Our Guardians of Quality act promptly when you need them.



- KEY SERVICE ADVANTAGES**
- Swift, efficient repair to minimise operational downtime
 - Access to our comprehensive knowledge and expert workforce
 - Support from our global logistics network



KEY SERVICE ADVANTAGES

- Implementation of a wide range of modernisation projects
- Seamless integration of cutting-edge technology
- Expert guidance to achieve your exact requirements

UPGRADE MODERNISING YOUR FLEET TO MEET CURRENT DEMANDS

Our team takes pride in ensuring your ships remain fit for purpose throughout their lives. Our commitment includes modifying and replacing systems to equip your fleet for new challenges. At NVL Services, we upgrade ships built by any shipyard.

We work in partnership to tailor a modernisation package that is appropriate for your needs. Our experts can support you quickly and efficiently to implement a wide range of improvements – whether straightforward or complex.

Our Guardians of Quality work closely with you, listening to and understanding your requirements. We are committed to maintaining our track record of delivering the high standards our customers expect.



Our team carefully oversees each upgrade.

DIGITAL TRANSFORMATION DELIVERING REAL-TIME INFORMATION FOR OPTIMAL PERFORMANCE

NVL Services uses pioneering technology to support customers with their digital transformation. We create a paperless digital infrastructure, providing real-time intelligence on your fleet's operational status.

Digital transformation gives access to the knowledge you require when you need it. We define a resilient, advanced solution based on your fleet's specific situation. Our Guardians of Quality are on call to ease the transition with tailored training and assistance. Access to effective, reliable digital information provides you with an essential tool for optimising your navy's performance.



We assist with your paper-to-digital transformation.



KEY SERVICE ADVANTAGES

- Real-time access to information through modern digital technology
- Fleet operations supported by a sophisticated digital infrastructure
- Bespoke training helps the switch from paper to tablet



KEY SERVICE ADVANTAGES

- Professional support to increase shipyard efficiency
- Assistance with all aspects of shipyard operations
- Infrastructure analysed to match your fleet's precise demands

INFRASTRUCTURE SUPPORT SUSTAINING YOUR FLEET WITH EFFECTIVE INFRASTRUCTURE

Our focus on performance extends to your infrastructure's efficiency. We share our experience in shipbuilding and related shipyard infrastructure to ensure your facilities can sustain your navy in peak condition. NVL Services assists customers in all aspects of infrastructure maintenance and development, and can advise on the most suitable way to improve shipyard operations.

Whether you need the upgrade of a ship lift or the modernisation of an entire shipyard, we have the answer. With our support and transfer of knowledge, you can be confident your shipyard infrastructure will meet the demands placed on your fleet.



We are at your service to tailor any infrastructure to your requirements.

LOCAL CONSULTANCY AND PARTNERSHIP

WORKING IN PARTNERSHIP TO DEVELOP YOUR CAPACITY

At NVL Group we are dedicated to building strong, successful partnerships. We create close working relationships with your team, transferring our expertise and technology.

As a privately held, independent group of companies, we can pursue our business free from external influences, becoming a trusted partner with an intimate understanding of your fleet. Our NVL Services experts on the ground play a key part, listening carefully to your requirements and offering solutions such as consultancy, technical assistance and technology transfer. We work together to grow your capabilities, your confidence and your expertise.

We are proud of our reputation for quality and performance, and bring a strong focus on professionalism and teamwork to your fleet.



We work hand in hand with you to build enduring partnerships.



KEY SERVICE ADVANTAGES

- Creation of strong local partnerships
- Ongoing interaction with your team on the ground
- Transfer of expertise and technology



QUALITY. TRUST. RELIABILITY.

AT YOUR SERVICE

At NVL Group, we are dedicated to our customers' ideas, committed to their individual requirements and driven by a fundamental difference: our DNA. The DNA of shipbuilding. To find out how we can help you with your specific project, please feel free to get in touch with us. We are at your service.

NVL • THE DNA OF SHIPBUILDING

NVL B.V. & Co. KG

Zum Alten Speicher 11 • 28759 Bremen • Germany • Tel. +49 421 6604 344 • info@nvl.de • www.nvl.de