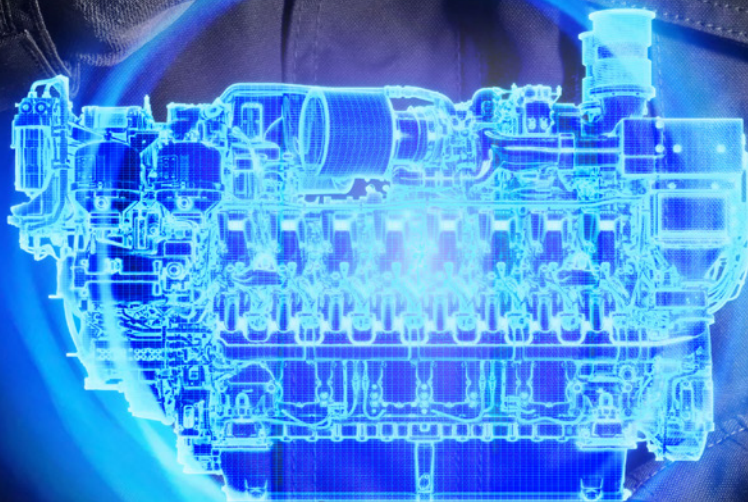




mtu Service Solutions

mtu SERVICE SOLUTIONS A LIFETIME OF VALUE



A Rolls-Royce
solution

A FORCE FOR PROGRESS

Rolls-Royce provides world-class power solutions and 360-degree customized support with its **mtu** brand. Using digitalization and electrification, we work to develop cleaner and smarter drive and power generation solutions that provide answers to the challenges posed by the rapidly growing societal demands for energy and mobility. We deliver comprehensive, powerful and reliable systems for gas and diesel engines as well as electrified hybrids. In short, our technologically advanced solutions help marine and infrastructure sector customers around the world operate at peak productivity and efficiency for many years to come, thanks also to a host of service offerings designed to protect, sustain and optimize their assets.

A solution provider

mtu systems power the largest yachts, the strongest tugboats and the biggest land vehicles and provide energy for the world's most important mission-critical applications. Through advanced solutions such as microgrids, we integrate renewable energies and manage the power needs of our customers.

Our customized service offerings help you maximize uptime and performance and are supported by our digital solutions, which enable remote monitoring, predictive maintenance and a range of other benefits that keep your systems running at their best.

For over 110 years, we have provided innovative power solutions for our customers – meeting even the most demanding drive requirements. Our products and services span a wide range of applications and power needs, with both standard and customized options.

An expert in technology

As part of Rolls-Royce, we have long been known for cutting-edge innovation and technological leadership in product development. That same spirit of innovation inspires our sustainability efforts. Our focus is on developing and implementing system solutions that both maximize efficiency and reduce emissions – which in turn work to reduce our impact on the environment.

A passionate and reliable partner

We at Rolls-Royce spend every day working together with our customers, to deliver engines, systems and complete life-cycle solutions that best fit your needs. We understand that each application is different and has its own specific demands. Our engineers embrace the challenge of finding the perfect solution for your unique power requirements. Every step of the way – from project planning, through design, delivery and commissioning; to the lifetime care of your equipment – we are dedicated to helping you get the most from your **mtu** investment.



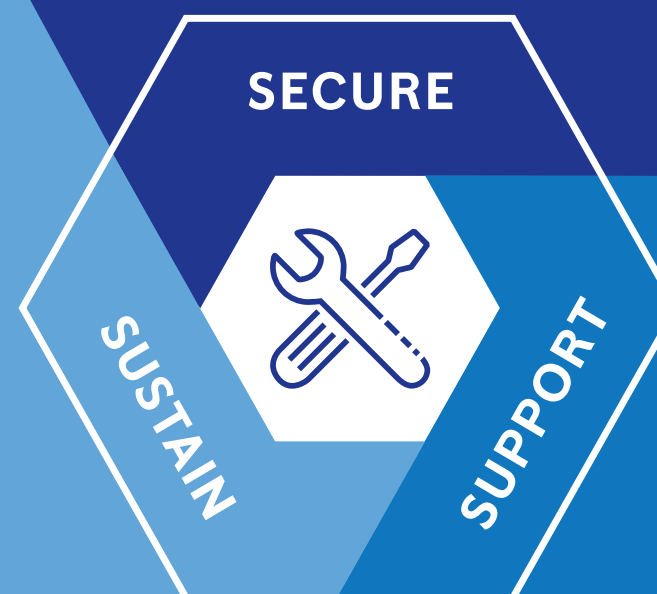
mtu SERVICE SOLUTIONS A LIFETIME OF VALUE

Our service solutions for engines and propulsion systems are designed to maximize performance, extend life, and provide expert support. These solutions are categorized into three main value propositions: **Secure, Sustain, and Support.**



ENJOY PEACE OF MIND BY
MAXIMIZING ASSET PERFORMANCE
AND REDUCING OPERATIONAL RISKS

Extended Coverage
mtu ValueCare Agreements
Digital Solutions



EXTENDING EQUIPMENT LIFE
AND REDUCING COSTS WHILE
PROTECTING THE ENVIRONMENT

Reman / Overhaul Solutions
New Exchange Engine
Upgrades and Refits



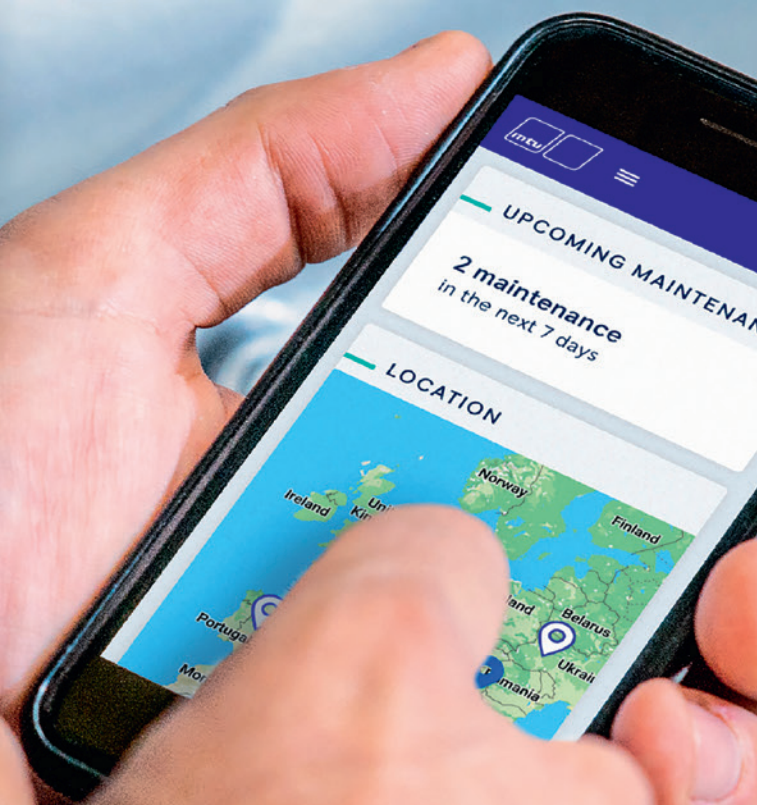
EXPERT SERVICE FROM A
RELIABLE PARTNER TO KEEP
OPERATIONS RUNNING SMOOTHLY

Maintenance & Repair
Genuine Spare Parts & Consumables
Trainings and Support Services



01

ENJOY PEACE OF MIND
BY MAXIMIZING ASSET
PERFORMANCE AND REDUCING
OPERATIONAL RISKS



Extended Coverage

WHERE STANDARD ENDS PEACE OF MIND BEGINS

Extended coverage protects your **mtu** systems well beyond the standard warranty — ensuring your assets continue to perform reliably while operational and financial risks remain under control.

Maximum performance. Minimal risk. Full planning confidence. In daily operations, availability is critical. Unexpected repairs create cost and uncertainty. Extended coverage reduces this risk by covering defined repair scopes for up to ten years, including key components and optional system elements — safeguarding both performance and long-term investment. Flexible coverage options allow you to tailor protection to your specific operating profile, ensuring the right level of support for your application. All covered repairs are performed by **mtu**-certified experts using genuine parts within our global service network.

BENEFITS

- Up to 10 years of extended protection
- Reduced operational and financial risk
- Predictable lifecycle costs
- Sustained asset performance
- Increased resale value



mtu ValueCare Agreements

FOCUS ON YOUR OPERATIONS LEAVE THE REST TO US

With **mtu** ValueCare Agreements, you gain a long-term service partnership designed to maximize uptime, reduce lifecycle costs, and ease the workload of your maintenance team.

Unexpected failures disrupt operations. Unplanned maintenance increases pressure on budgets and personnel. VCAs or ValueCare Agreements turns reactive service into a structured, proactive approach. Preventive maintenance, defined service intervals, and optional remote monitoring help detect issues early — before they impact performance.

- Benefits:**
- Predictable costs with fixed pricing models
 - Proactive maintenance planning
 - Reduced downtime and operational disruption
 - Optimized lifecycle cost management
 - Access to the global **mtu** service network

With Bronze, Silver, and Gold tiers, you select the level of support that fits your operational profile and financial planning. Fixed pricing models provide transparency and cost control, while annual health checks and proactive recommendations ensure continuous system optimization.

Backed by our global **mtu** service network, VCAs or ValueCare Agreements delivers stability, predictability, and measurable lifecycle value — so your team can focus on operations, not service coordination.



BRONZE

Ensure parts availability
and price stability



SILVER

Eliminate unexpected
maintenance costs



GOLD

Maximize operational
uptime



Digital solutions

YOUR POWER YOUR SERVICE CONNECTED

Digital solutions connect your **mtu** systems to real-time performance intelligence — giving you full transparency across your assets and enabling smarter operational decisions.

With **mtu** Go, you monitor system performance remotely, receive early alerts, and gain actionable insights based on engineering expertise and global fleet data. Potential issues are identified before they become disruptions. As a digital enabler, these solutions strengthen your service strategy — enhancing preventive maintenance planning, supporting ValueCare agreements, and adding an additional layer of confidence to Extended Coverage.

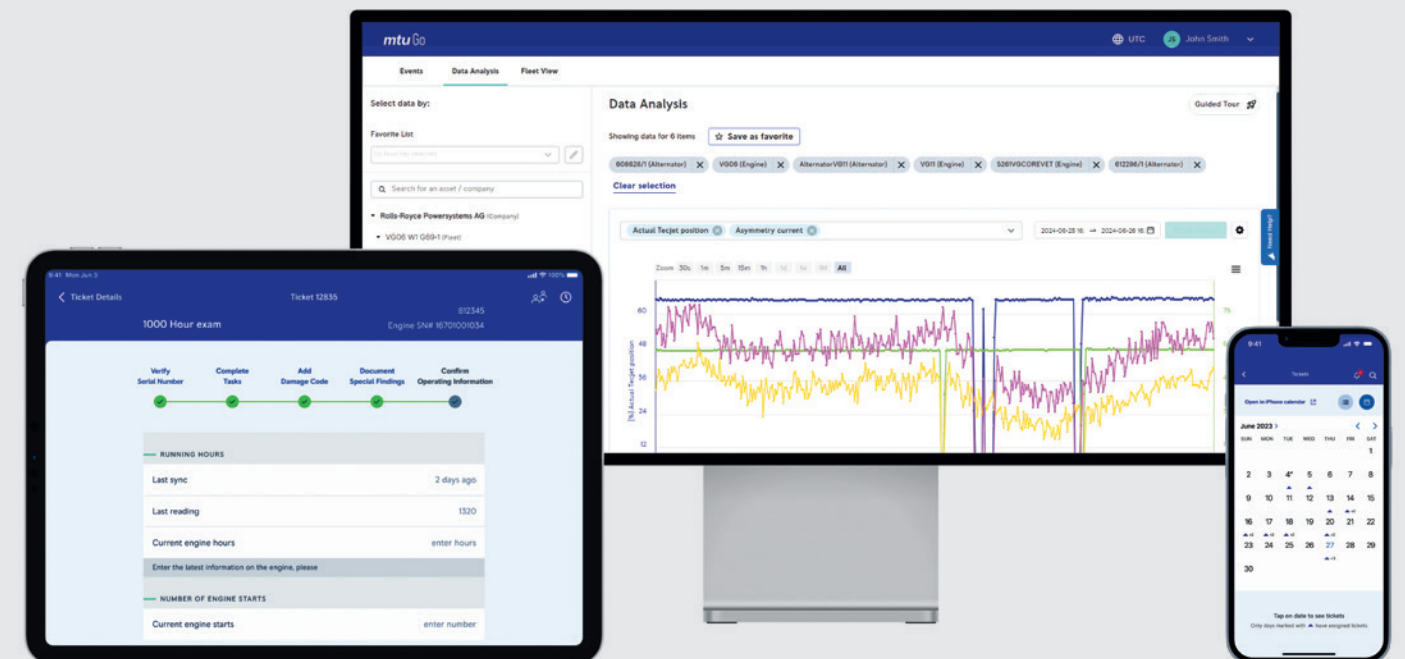
Secure, scalable, and easy to integrate, Digital Solutions help you increase uptime, optimize efficiency, and maintain control — wherever you operate.

BENEFITS

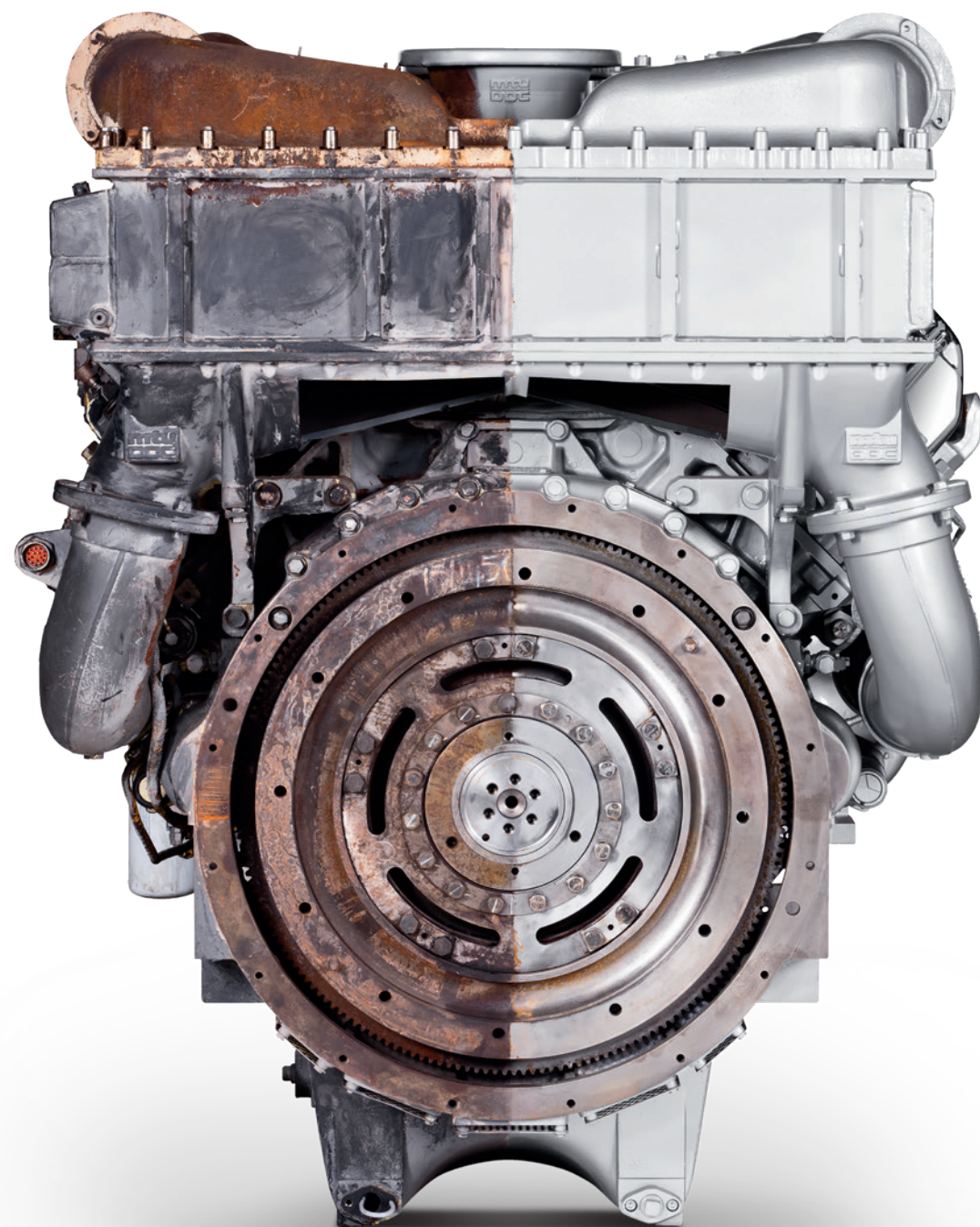
- Real-time performance visibility
- Early detection of potential issues
- Data-driven decision support
- Improved maintenance planning accuracy
- Increased operational transparency



mtu Go



mtu Go links your data with our engineering knowledge and experience from thousands of other assets in one global view to provide insights that enrich your business. For details, please scan the QR Code or visit www.mtu-go.com



02

EXTENDING EQUIPMENT
LIFE AND REDUCING
COSTS WHILE PROTECTING
THE ENVIRONMENT

Reman & Overhaul Solutions

KEEP A GOOD THING GOING

Reman & overhaul solutions return your **mtu** engines and systems to factory standards — delivering like-new performance at a significantly lower investment.

Choosing **mtu** restoration isn't just smart business — it's smart for the planet.

By restoring and reusing components, we save raw materials, reduce energy use, and cut CO₂ emissions. Many **mtu** engines can be remanufactured or overhauled multiple times, delivering reliable power for decades.

Restoration Process:

1. Complete inspection and diagnostics
2. Disassembly, cleaning, and replacement of worn components
3. Reassembly to factory specifications
4. Optional updates, custom finishes, and special testing
5. Final inspection and performance verification

Factory Overhaul

Restore. Optimize.
Extend.

A factory overhaul restores your **mtu** engine to peak condition through a tailored refurbishment process, helping maximize performance, reliability and service life.

Reman Engine

Fast replacement.
Proven performance.

Minimize downtime with a remanufactured engine that delivers like-new quality and reliability while keeping your operations moving.

New Exchange Engine

New engine. Maximum confidence.

Replace your existing engine with a brand-new **mtu** production engine built to the same specifications, offering the latest technology and full peace of mind.



Factory Overhaul

RESTORE PERFORMANCE PRESERVE WHAT'S YOURS

Factory overhaul restores your original **mtu** engine to like-new condition while preserving its unique operating history and configuration. Performed by the same experts who built the engine.

Every overhaul follows rigorous factory standards and uses genuine new or remanufactured **mtu** parts together with approved OEM processes. Components are carefully evaluated, repaired or replaced as required, while design updates can be incorporated to improve reliability and maintain compliance with current requirements. The result is a fully restored engine that delivers the performance, quality and dependability expected from **mtu** equipment. Factory overhaul is particularly well suited for special applications and older engines, helping operators maximize the value and service life of existing assets.

Overhaul options

- **Standard overhaul**
A complete factory overhaul performed at an **mtu** workshop.
- **Condition based overhaul**
Scope of work tailored to the actual condition of the engine.
- **In-situ overhaul**
Directly inside a ship — saving time and costs while benefitting the environment. Ideally when circumstances do not allow to remove the engine (only applicable for Marine applications).

BENEFITS

- Like-new performance and reliability
- Retains original engine identity and configuration
- Customized restoration process
- Genuine **mtu** parts and factory standards
- Extended service life
- Full inspection, testing and documentation

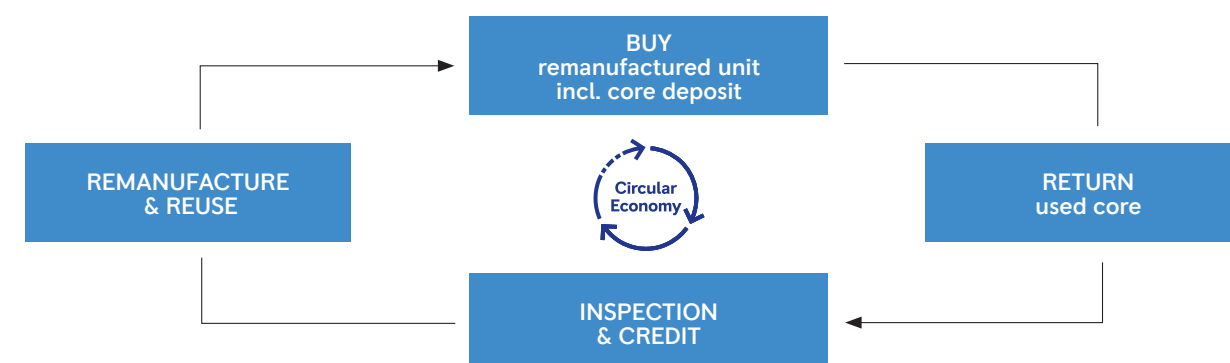
Reman Engine

FAST TO INSTALL READY TO PERFORM

Reman engines provide a fast and efficient alternative to a traditional overhaul. Instead of waiting for your engine to be rebuilt, your existing unit is replaced with a factory remanufactured engine that has been restored to stringent **mtu** specifications. This minimizes downtime while delivering the performance and reliability of a fully restored product.

Every reman engine combines the speed of a replacement solution with the proven quality of OEM remanufacturing, supporting the circular economy by giving valuable materials and components a new lifecycle. Design updates and approved engineering

improvements are incorporated where applicable, ensuring compliance with current requirements while delivering the reliability and performance expected from **mtu** engines.



Reman Core Exchange Process

1. Purchase:

Buy a remanufactured unit incl. refundable core deposit from your local mtu service partner.

2. Return:

Return your old unit (core) through your local mtu service partner.

3. Core Inspection:

The returned core is checked for acceptance and technical condition.

4. Core Credit:

Receive a credit based on the condition of the returned core.

5. Remanufacturing:

Accepted cores are sent to a regional mtu reman center for refurbishment.

6. Reuse:

Remanufactured units are delivered to mtu service partners and made available for future customers.



Looking for individual remanufactured components? Learn more about our **mtu** Reman Parts portfolio.

New Exchange Engines

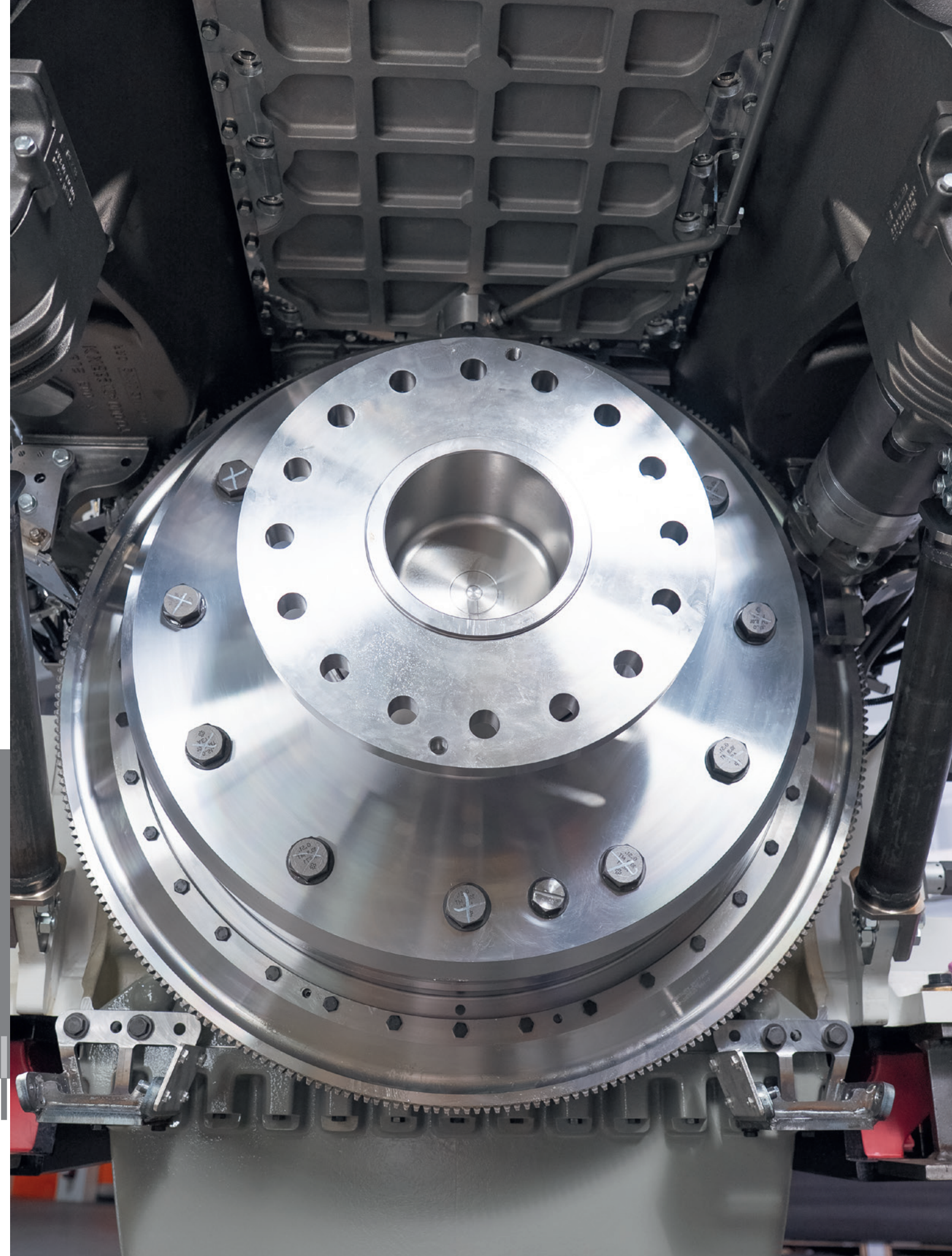
A FRESH START WITHOUT DELAY

Factory-new performance with minimal downtime. New exchange engines restore full operational capability quickly and reliably when an engine reaches end-of-life.

Built to the latest specifications and backed by full warranty, they deliver proven **mtu** quality with fast replacement and seamless integration — ensuring continuity when it matters most. When repair is no longer the right option.

BENEFITS

- Factory-new engine with warranty
- Latest technology and standards
- Fast replacement, minimal disruption
- Reliable long-term performance



Upgrades and Refits

READY FOR WHAT'S NEXT

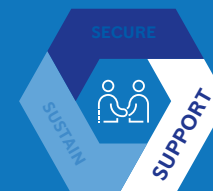
Changing regulations, evolving technologies and rising performance expectations don't have to mean replacing your existing assets. Upgrades & Refits help you extend system life, improve efficiency and prepare your operation for what's next.

Business doesn't stand still – and neither should your equipment. Whether you need to meet new emission standards, improve fuel flexibility or enhance system performance, **mtu** upgrades & refits enable targeted modernization without replacing proven assets.

From retrofit kits and HVO readiness to engineering enhancements and compliance upgrades, every solution is designed to extend service life, protect your investment and keep your operation running efficiently – with minimal downtime.

BENEFITS

- Extend asset life
- Protect previous investments
- Improve operational efficiency
- Meet changing regulatory requirements
- Future-ready operation
- Minimize downtime during implementation



03

EXPERT SERVICE FROM A
RELIABLE PARTNER TO
KEEP OPERATIONS RUNNING
SMOOTHLY

Maintenance & Repair

RIGHT WHERE YOU NEED US RIGHT WHEN IT MATTERS

Maintenance & repair services provide peace of mind by ensuring equipment runs reliably day after day. Certified technicians deliver preventive maintenance and fast corrective repairs, minimizing downtime and operational risk.

Services are available on-site or at authorized workshops worldwide, offering flexibility and convenience. Regular inspections and proactive planning help prevent costly failures and extend equipment life. For customers, this means fewer disruptions and more predictable schedules. Our global network guarantees consistent quality and rapid response wherever operations take place. Ultimately, this service keeps businesses moving without unnecessary delays or expenses.

BENEFITS

- Minimized downtime
- Preventive maintenance planning
- Certified technicians
- Global service network
- Extended equipment life



Genuine Spare Parts & Consumables

KEEP EVERYTHING RUNNING SMOOTHLY

Genuine spare parts & consumables ensure optimal performance and reliability for **mtu** systems. Designed and tested to meet strict standards, these components reduce wear and prevent failures.

In daily operations, using genuine parts means fewer breakdowns and lower maintenance costs over time. Our global logistics network guarantees high availability and fast delivery, minimizing downtime. Customers also benefit from OEM warranty and technical support for every component. By choosing genuine parts, operators protect their investment and maintain consistent performance.

Benefits:

- Maximum reliability and uptime
- OEM warranty and support
- High availability worldwide
- Proven quality and durability
- Reduced lifecycle costs

REMAN PARTS

mtu reman parts offer the same performance, reliability and warranty coverage as new parts while reducing replacement costs and supporting sustainability through material reuse. Every component is remanufactured, inspected and validated to OEM standards, providing a proven alternative without compromising quality.

Trainings

EMPOWER YOUR TEAM

Whether you need operators to use your equipment more effectively or want to build in-house maintenance capabilities, count on our experience and expertise to set your team up for success.

Our training programs combine expert instruction with practical, hands-on experience across mechanics, electronics and automation. Tailored to your products, applications and skill levels, they help improve operational efficiency, reduce downtime and enable safe, confident operation throughout the entire lifecycle of your **mtu** systems.

BENEFITS

- Faster troubleshooting and repair
- Improved operational efficiency
- Safe and confident equipment operation
- Tailored training for your applications
- Hands-on learning with **mtu**-certified experts
- Available globally, on-site or at **mtu** training centers



Empower your team beyond the brochure.
Learn more about our global training portfolio.



Support services

RELIABLE SERVICE STARTS WITH AVAILABILITY

420+

SALES & SERVICE
PARTNERS

175+

COUNTRIES
REPRESENTED

1,200+

LOCATIONS
WORLDWIDE

24/7 Support gives you confidence that your engines and propulsion systems are always backed by **mtu**-certified experts. Through our Customer Care Center (CCC) and Customer Assistance Center (CAC), we provide fast, reliable support whenever and wherever. Our global network connects you directly with the right specialist when you need it most.



We're here when you need us.
Learn more about our Customer
Assistance Center and how we
support you 24/7.



Stay posted with more powerful information
and follow **mtu** solutions on:



Rolls-Royce Group
www.mtu-solutions.com

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