THE ASSET INTEGRITY MANAGEMENT AND MAINTENANCE PARTNER TO THE GLOBAL OIL & GAS INDUSTRY.
Our maintenance, repair and modification services are tailored to help optimise the performance of major oil and gas assets.

We combine our front-end thinking and a problem-solving approach to innovation, with an unrivalled range of services and skills. We bring these together to provide you with a complete integrated asset integrity assurance offering.

We are uniquely positioned to support oil and gas operators, onshore and offshore throughout the asset lifecycle. From design, hook-up, construction and commissioning, through to maintenance and operations, shutdowns and decommissioning, Stork ensure value is added at every stage of an assets life.

We work as one team; with 13,500 employees located across the UK and Europe, Americas, Africa, Caspian, middle East and Asia Pacific, Stork is committed to continuity quality, innovation and cost efficiency to ensure we add value and optimize asset performance.

Safety is our core value. Our award-winning global safety initiative, REACH Beyond Zero, provides us with a platform at all levels of our organisation to deliver continuous improvement in our safety performance.

In short, we streamline the processes that are essential for safe, effective integrated operations. And by improving efficiency, availability and profitability, we help to optimise the value of your assets whilst extending field life.
Concept & Design
Hook-up, Construction & Commissioning
Operations, Maintenance Modifications
Shutdowns & Turnarounds
Decommissioning
Relocations
Equipment Rental & Sales
Fabric Maintenance
Power Services & Products
Mechanical & Piping
Electrical & Instrumentation
Inspection & Integrity
Asset Management Solutions
EXTENDING ASSET LIFE TIME
MAINTENANCE, REPAIR & OVERHAUL SERVICES
ASSET LIFECYCLE SERVICES
WE ADD VALUE TO EACH PHASE OF THE ASSET LIFECYCLE

**Concept and Design**
From design to decommissioning, integrity management impacts on all phases of the asset lifecycle. Our holistic approach establishes strategies and procedures that help improve the performance of your asset, while ensuring its safe and cost effective operation throughout the asset lifecycle. We assist you in the development of your Asset Management strategy as well as with the development and implementation of Asset Management systems which will lead to asset performance improvement. We can also help you to comply with all reliability and integrity standards, such as PAS-55, the International Standard IEC61508, the European Standard EN13306 and the Norwegian Standard NORSOK-Z-016. Furthermore, with our knowledge and experience we are able to optimise the design, constructability and maintainability of the project engineering.

**How we add value for you**
- Our holistic approach leads to alignment of corporate policy with asset strategy and integrated risk management in early design.
- Implementation of our ideas on constructability lead to lower project construction costs.
- Our maintenance engineering capabilities lead to more efficient and easier maintainability of the installation.
- Our insights will help to maximise Return on Investment.

**Hook-up, Construction and Commissioning**
We offer a full portfolio of integrated consultancy and delivery services that support our clients in managing best-practice hook-up, construction, commissioning and modifications projects. Our involvement extends from the design stage, supporting clients from procurement through construction, and subsequently through all hook-up activities (including baseline surveys) to final commissioning. Our integrated approach to asset integrity management is designed to ensure that you only deal with one main contractor. By combining and integrating all the required capabilities and capacity to manage and execute your construction or expansion project from start to finish, we enable you to continue to focus on running your day-to-day operations. This reduces the number of interfaces you have to deal with and minimises disruption to ongoing operations.

**How we add value for you**
- Our extensive experience means that we will always manage risk appropriately and deliver excellent HSEQ performance in a change environment.
- By providing one client focal point we reduce the number of interfaces required.
- Our range of integrated services ensures we can react quickly to ad hoc requirements.
- Our multi-disciplinary teams deliver efficiency while reducing personnel required.
Operations, Maintenance and Modifications

We work closely with our customers to provide best-in-class planning, management and execution for operations, maintenance and modifications.

Asset integrity services have traditionally been delivered to oil and gas operators through several contractors. However, Stork's extensive knowledge and expertise, combined with a fully integrated asset integrity service portfolio, offers a single point of contact for asset integrity: an integrated approach to maintenance management delivery and execution.

Strategic planning is at the heart of our offering. Planning that is driven by rigorous data analysis to ensure that repairs are delivered in response to the integrity data gathered, and that inspection programs are reviewed in line with information collated at the assessment stage.

By optimising your asset maintenance planning, and its execution, we can help you to reduce downtime and increase availability. The depth and breadth of our experience and knowledge makes us the Asset Integrity Partner of choice.

Shutdowns and Turnarounds

With experience gained carrying out thousands of shutdowns and turnarounds in the oil and gas sector, we understand the commercial pressures, safety risks and non-routine work scope hazards that turnarounds present for our customers. To successfully overcome these, we have developed an integrated, data-driven approach to achieve smart turnarounds: offering maximum predictability on cost, planning, safety and quality, and minimising shutdown time. As your turnaround partner, we will help you to optimise the scope, provide the skilled and qualified people to execute the job, and deliver the management controls to deliver it efficiently. With our unique combination of strategic project and resource planning, innovative technologies and multi-disciplinary teams, we will increase the efficiency of your turnarounds and reduce shutdown time repeatedly.

How we add value for you

- Our project teams are competent in a variety of multi-skilled core crew activities.
- By providing one client focal point we reduce the number of interfaces required.
- Our range of integrated services ensures we can react quickly to ad hoc requirements.
- Our safety record is unrivalled and matched by our quality service delivery.
- We minimise downtime through integrated repair, turnaround, modification and maintenance activities.

How we add value for you

- Through the best use of technology we increase efficiency and reduce downtime.
- By providing one client focal point we reduce the number of interfaces required.
- We are able to deliver in tight operating windows without compromising safety.
- We manage any conflicts between safety, non-routine tasks and high manning levels.
- Our multi-disciplinary teams deliver efficiency while reducing personnel onboard.
- We capture all turnaround metrics, thereby reducing the preparation time and cost outlay for future projects activities.
Decommissioning

In the past decade, we have supported a range of high profile complex decommissioning projects in the UK and across mainland Europe. As a result, we have established a performance and safety track record in the delivery of decommissioning projects for the oil and gas industry that is now unrivalled.

Recognising that there is no production revenue for our clients at the decommissioning phase, we fully understand that mitigating potential risks, maintaining safety performance and driving cost savings is paramount.

Our approach is reassembly-driven with traceable dismantling, modularisation and transportability.

By aligning our relocation plan with your objectives, for example, if you are relocating for regulatory or commercial reasons, we determine the safest, most efficient and value-added means of designing and delivering your relocation. And our experience shows that relocations can deliver a reliable, running plant with a significant direct saving on CAPEX compared to the cost of a new build, but more importantly, much faster to market. In short: we move what was never meant to be moved.

How we add value for you

– We can drive significant cost savings while maintaining outstanding HSEQ performance.
– By providing one client focal point we reduce the number of interfaces required.
– Our multi-disciplinary teams have the skills to deliver in an ever-changing environment.
– Our guidance and process systems can help to minimise offshore cleaning manhours.
– We offer a range of additional destruct services to support safe and effective removal while minimising the environmental impact and maximising the re-use of material.

Relocations

We have an unrivalled track record of delivering complex onshore oil and gas production facilities relocations. While always committing to a set timeframe and cost for the relocation, our key driver is to maintain the integrity of the installation from start to finish while delivering first-class HSEQ performance at all times.

We are experts in understanding how plants operate. By taking a functional point of view, we manage the complete relocation process. From dismantling, transportation and reassembly through to commissioning, Stork deliver safe, efficient and cost effective solutions to maintain plant integrity intact.

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How we add value for you

– Our multi-skilled teams can manage the complete relocation process from start to finish, maintaining installation integrity.
– By providing one client focal point we reduce the number of interfaces required.
– Our plant audits provide valuable insights into technical feasibility and completion times.
– By aligning with your objectives we determine the most efficient and effective means of delivering relocations.
ALWAYS INNOVATING
INNOVATION
Stork continually develops and updates its product and service offering to include new innovations and products that improve the health and safety performance of the company, its operatives and its clients’ operations. We are committed to developing our products and services through best use of technology and innovation, leading to improved efficiency and reduced costs.

Stork has won several major industry awards for product innovations that deliver significant bottom-line benefits for our customers like the Hot Bolt Clamp. The patented and multi-award winning HBC technology enables the safe removal and replacement of corroded bolts on live four bolt flanged connections with no disruption to ongoing production.

Stork offers a range of Composite Repair solutions that are specifically designed to support and facilitate asset life-extension programmes with flexible, efficient and cost-effective repairs to piping and infrastructure components.

Our latest award winning and patented solution is our Extended Reach Breathing Apparatus System (ERBAS). Delivering a unique approach to confined space entry, the newly designed and developed cylinder high pressure connector, ERBAS solves the industry challenge of difficult cylinder changes. The system is easily deployed in the work area for operations beyond the range of the standard 10 minute escape cylinders and allows quick and easy refills in under 60 seconds.

The Hot Bolt Clamp and ERBAS have won industry awards for safety and innovation including the OCA Challenge Award for Innovation in 2012, Ideas in Safety Prize for UK Oil & Gas Industry Safety Awards in 2012, SPE Offshore Achievement Awards in 2013 & 2014 and most recently both technologies are finalists for the ONS Innovation Award 2014.

Other products and innovations include Online Desanding, Specialist Caisson Inspection, and Laser Cladding demonstrating our commitment to technology innovation and delivering our expert service offering in the most efficient and safe manner.
Stork is dedicated to being recognised as an industry leader in HSEQ; by our employees, clients and industry peers. REACH Beyond Zero, our value driven HSEQ engagement programme, will help us to achieve this goal.

REACH Beyond Zero is our HSEQ vision, to engage all Stork employees to challenge themselves, to think and do more to improve our HSEQ culture and performance. As an organisation we REACH Beyond Zero by functioning as one team with shared values, driving action to transform our HSEQ culture and performance.

Safety is our core value and we are committed to translating our HSEQ ethos into sustainable and effective actions. REACH Beyond Zero communicates on Environmental and Quality issues in addition to Health and Safety as a fully encompassing employee-led initiative.

Our three year REACH Beyond Zero Road Map defines a measurable programme of activities to provide direction and to actively engage all of our personnel at every level and location.

Through REACH Beyond Zero, we deliver for our clients by:

- Engaging with and positively impacting their HSEQ culture
- Improving HSEQ performance on their assets
- Providing transparent HSEQ reporting
- Enhancing communication through shared information
- Leading topical HSEQ campaigns, discussions transferring knowledge and best practice

REACH Beyond Zero is built on five core values, which we seek to demonstrate at every level of our organisation.

The values are:

Visibility - acting as active champions of the REACH Beyond Zero values

Authenticity - demonstrating personal commitment through action

Leadership - taking personal ownership and responsibility for HSEQ in the workplace

Understanding - understanding our HSEQ challenges and contributing to improvements

Engagement - feeling empowered to intervene when a situation appears unsafe

SAFETY IS OUR CORE VALUE
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SAFETY IS OUR CORE VALUE
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<th><strong>Asset Lifecycle scheme with our service portfolio</strong>*</th>
<th><strong>Concept &amp; Design</strong></th>
<th><strong>Hook-up, Construction &amp; Commissioning</strong></th>
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</table>
| **Fabric maintenance** | Fabric maintenance | - Scaffolding  
- Rope access  
- Insulation  
- Passive fire protection  
- Light construction support |
| **Inspection & Integrity** | Inspection & Integrity | - Cathodic Protection & Monitoring Solutions (Subsea)  
- Third party vendor inspection  
- Site inspection  
- Pipemill inspection  
- Offshore Inspection  
- Expediting  
- Auditing  
- Welding Engineering |
| **Mechanical & Piping** | Mechanical & Piping | - Prefab Piping, Modules, Skids  
- Plastic piping  
- Heat treatment furnaces & ovens  
- In-Shop Machining Services  
- Mechanical construction  
- Heat treatment equipment & sales |
| **Asset management solutions** | Asset management solutions | - Consulting  
- Consulting  
- Field operations  
- Asset Management System Implementation  
- Asset Performance Management  
- Maintenance Improvement |
| **Equipment Rental & Sales** | Equipment Rental & Sales | - Training  
- Training  
- Temporary utility facilities  
- T&M workshops on site |
| **Electrical & Instrumentation** | Electrical & Instrumentation | - Hardware & software engineering  
- Electrical installation  
- Calibration & validation services |
| **Power Services & Products** | Power Services & Products | - Deaerators & Swirlflash  
- Boiler Services  
- Packaged Boiler  
- Gearbox Component Manufacturing  
- Laser cladding  
- Steam turbines  
- Custom built gearbox |

* Service delivery subject to geographical presence

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<th>Operations, maintenance &amp; modifications</th>
<th>Shutdowns &amp; turnarounds</th>
<th>Relocations &amp; Decommissioning</th>
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<td>- Netting</td>
<td>- Full Vessel Management</td>
<td>- Rigging</td>
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<td>- Coatings &amp; surface preparation</td>
<td>- High Pressure and Ultra High Pressure Water Jetting</td>
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<td>- Blasting &amp; painting</td>
<td>- NORM Management and Disposal</td>
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<td>- Energy Resourcing</td>
<td>- Vacuum Waste Removal</td>
<td>- Asbestos Management</td>
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<td>- Chemical Treatment</td>
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<td>- Advanced inspection services</td>
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<td>- Drilling inspection</td>
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<td>- Caisson inspection</td>
<td>- iBolt Flange Management</td>
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<td>- Online desanding</td>
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<td>- Sand washing</td>
<td>- Extruder Overhaul &amp; Repair</td>
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<td>- Thermographic inspection</td>
<td>- Valve &amp; pump overhaul &amp; repair</td>
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<td>- Integrity engineering management</td>
<td>- Valve diagnostics</td>
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<td>- Caisson Cleaning and Detailed Inspection</td>
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<td>- Relocations</td>
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<td>- High-Pressure Machining</td>
<td>- HVACR</td>
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<td>- Aqua Wrap</td>
<td>- High voltage services &amp; diagnostics</td>
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<td>- Composite Repair Solutions</td>
<td>- E&amp;I services</td>
<td>- Burner Retrofit Solutions</td>
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<td>- PowerSleeve</td>
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<td>- Subsea Repair Solutions</td>
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<td>- Splashzone Repairs</td>
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<td>- Heat treatment services</td>
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<td>- Subsea Bolting &amp; Machining</td>
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<td>- Industrial Fans Overhaul &amp; Repair</td>
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We have successfully completed variety oil and gas of projects for a wide range of clients worldwide. These include:

- ADNOC
- Apache
- BP
- British Gas
- Centrica
- Chevron
- CNR
- ConocoPhillips
- Ecopetrol
- ExxonMobil
- GDF Suez
- HRL
- KCA Deutag
- Kuwait Petroleum
- NAM
- Nexen
- Maersk
- Petrobas
- Petrofac
- Petronas
- Pluspetrol
- Premier Oil
- Qatar Petroleum
- Saudi Aramco
- Shell
- Talisman Energy
- TAQA
- Total
- Wintershall