



BILFINGER

BILFINGER INSPECTION CONCEPT

OPTIMISE PLANT PERFORMANCE BY INSPECTION WITH INTEGRATED SERVICES



BILFINGER INSPECTION CONCEPT

The Bilfinger Inspection Concept reduces interfaces, delivering fit-for-purpose, risk based inspection and maintenance strategies throughout your plants' full lifecycle.

Bilfinger can accelerate your drive to achieve operational excellence and value enhancement:

- Effective delivery of Risk Based Inspection (RBI) across the full asset lifecycle
- Fully-integrated services maximise productivity and cost efficiencies
- Provision of inspection and testing services in line with ISO 17020 and ISO 17025
- Powerful contracting strategy
- Access to fully tested and validated technology and solutions
- Provides local access to world-class expertise and technology
- Extensive global capability and capacity to quickly respond to changing requirements

You focus on your core business, we take care of the rest.

WE MAKE IT WORK



STREAMLINED WORKFLOW OF ENTIRE INSPECTION CYCLE

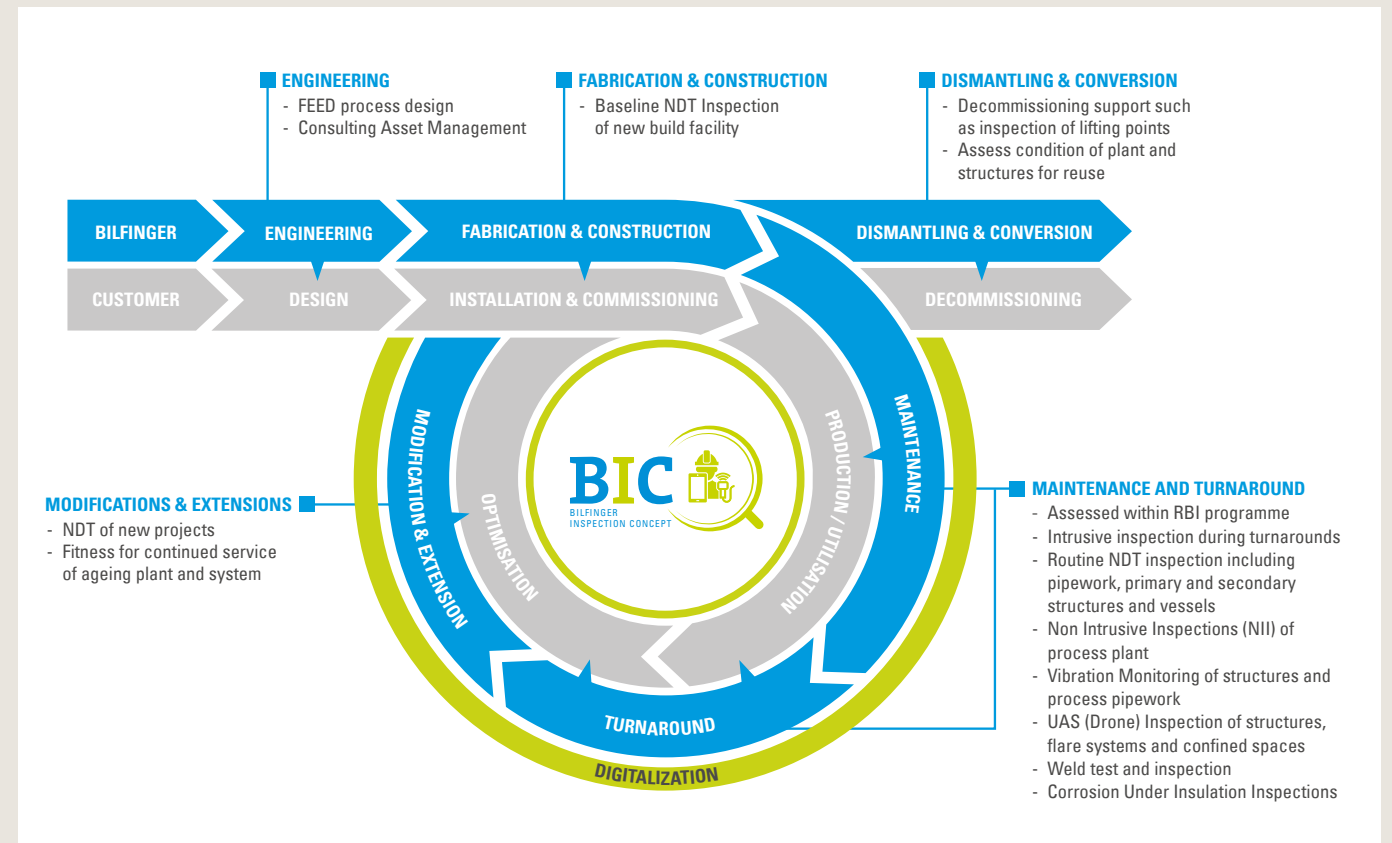
Bilfinger Inspection Concept creates a holistic framework to deliver a truly transformational service over the life of your assets

Whether operators are focused on increasing plant performance and avoiding unplanned shutdowns, or are entering life extensions and plant repurposing phases, it is critical to ensure asset integrity to optimise production and safety.

Carrying out the inspection cycle has traditionally involved the management of several contractors, resulting in increased interfaces, delays in execution of work, and increased costs.

Bilfinger is uniquely positioned to provide multi-disciplinary skilled teams that can provide alternative access, coatings, inspection, insulation and maintenance services from a single source. Coupled with same day reporting, has an independent skill set in the industrial market.

With the collaborative BIC approach, we can provide our customers with on-site, 24/7 access to world-class expertise that helps achieve operational excellence and value enhancement while improving safety and plant integrity.



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| <p>CHALLENGES FOR CLIENTS</p> <ul style="list-style-type: none"> - High coordination & administration effort - Delays in execution of work - High workload of clients inspection departments - Access to inspection points not built in the right place - Higher costs than estimated - Difficulties with access of reports | <p>ROOT CAUSE ANALYSIS</p> <ul style="list-style-type: none"> - Different interfaces to contractors - Contractors for single activities are only focusing on their task - No consistent system and decentralized data | <p>IMPACT</p> <ul style="list-style-type: none"> - Increasing costs for inspection activities - Decreasing planned performance (unplanned maintenance) - Unknown remaining asset life | <p>SOLUTION</p> <ul style="list-style-type: none"> - Bilfinger Inspection Concept with integrated services <p>BIC BILFINGER INSPECTION CONCEPT</p> |
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Powerful contracting strategy

Bilfinger's extensive experience in delivering multi-disciplined teams and multi-skilled technicians, in a range of industries, means we can prepare, inspect and repair assets significantly more efficiently than a traditional multi-vendor approach.

Our experience shows that Bilfinger Inspection Concept delivers up to 30% saving by delivering a fully integrated "find and fix" service.

- Full end-to-end service provision
- Reduced interfaces, working durations, administration work and improved communication lines with client
- Eliminate delays and ongoing duplication of work
- Decreased management costs, with a centralised focal point for integrated services.
- Accelerate the identification, planning, execution and close out of anomalies and defect repairs
- Prompt remedial to avoid re-inspection

| | MULTI-CONTRACTORS | LEVEL 3 - BILFINGER INSPECTION CONCEPT | LEVEL 4 - BILFINGER INSPECTION CONCEPT |
|------|--------------------|--|--|
| COST | WORKSITE OPERATION | SAVINGS UP TO 20% | SAVINGS UP TO 30% |
| | REPORTING | WORKSITE OPERATION | + |
| | INSPECTION | REPORTING | PERFORMANCE |
| | TESTING | INSPECTION | VALUE & COST |
| | WORKSITE PREP | TESTING | ASSET INTEGRITY |
| | | WORKSITE PREP | |
| | DURATION | DURATION (REDUCED) | |



ON-SITE ACCESS TO WORLD-CLASS EXPERTISE

Global network of specialist inspection personnel



Bilfinger is an established provider of conventional, advanced and specialist Non-Destructive Testing services aligned to ISO/IEC 17020 and ISO/IEC 17025.

Our experience has been developed in some of the most demanding environments, where we have had to satisfy the most stringent of safety and regulatory requirements.

Additionally, many of Bilfinger's technicians are rope access qualified, enabling our multi-disciplined teams to work safely at height in hard to reach locations. In many circumstances this is the ideal access method for tasks that would otherwise require significant cost, time or plant downtime.

Our global network of experts are qualified to the highest standards in a range of disciplines, including:



| Non-Destructive Testing | Advanced Non-Destructive Testing |
|---------------------------|---|
| Acoustic Emission Testing | Computed Radiography |
| Boroscope/Fibroscope | Multi-Skip Ultrasonic |
| Dye Penetrant Testing | Phased Array |
| Eddy Current Testing | Pulsed Eddy Current |
| Ferrite Testing | Time of Flight Diffraction |
| Magnetic Particle Testing | CUI – Corrosion under insulation |
| Ultrasonic Testing | Structural Health Monitoring |
| Radiographic Testing | Ultrasonic flaw detection and thickness measurement |



- 01 _ With our own fleet of drones, we perform remote inspections for oil and gas assets, bridges and infrastructure, wind farms, and confined spaces such as storage or water ballast tanks
- 02 _ By focusing on the practical applications of new tools and technology we are better able to qualify the real, tangible benefits of new developments and to deliver best-fit solutions
- 03 _ With vastly improved sensor and evaluation technology, acoustic emission testing supports efficient maintenance and monitoring of bridge and steel structures.

WE ARE BILFINGER

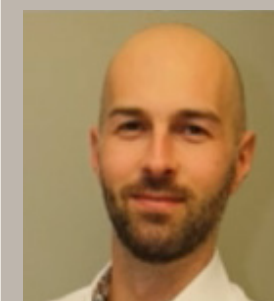
Bilfinger is a leading international industrial services provider. The Group enhances the efficiency of assets, ensures a high level of availability and reduces maintenance costs. Our portfolio covers the entire value chain from consulting, engineering, manufacturing, assembly, maintenance and plant expansion to turnarounds and also includes environmental technologies and digital applications.

The company delivers its services in two service lines: Engineering & Maintenance and Technologies. Bilfinger is primarily active in Europe, North America and the Middle East.

Process industry customers come from sectors that include chemicals and petrochemicals, energy, oil and gas, pharmaceuticals and biopharma, metallurgy and cement.

Our 30,000 employees ensure that our customers can focus on what they can do best: their core business.

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**WE
MAKE
INSPECTION
WORK**