



TARGET-ORIENTED & RELIABLE
EXPERTISE FOR THE CUSTOMER

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HELMUT MÜLLER GMBH

A consultancy and quality assurance company and family business, which can, since 1964, proudly fall back on a decades-long tradition in the field of corrosion protection, welding technology and concrete protection.

With this brochure, we would like to invite you to learn more about us and our services. Get an insight into the full range of our services. Together, we will find the right solution for your business -

in line with our motto of

"Target-oriented and reliable expertise for the customer."

Structural damage, caused by corrosion, bad planning and delays cause annual losses that run into millions. The main reason for this is inadequate attention and a lack of practical experience related to the planning, implementation and operational phases of projects.

The experience that Helmut Müller GmbH has gathered in over 50 years of theoretical and hands-on work at home and abroad also enables us to support your project successfully.

Helmut Müller GmbH does not manufacture coating materials, nor is it involved in their design, processing and application. It is an independent and neutral company, committed only to quality and its customers.

We are flexible and ensure redundancy thanks to short official channels and a close-knit network of sales people and inspectors.

CONSULTING QUALITY ASSURANCE INSPECTIONS

DAMAGE APPRAISALS TRAINING MATERIAL TESTING

... are the main factors in our portfolio.



HISTORY

1964 Foundation of Helmut Müller GmbH as an executive service company in the field of corrosion protection and scaffolding by Helmut Müller senior.

1974 Helmut Müller jr. joined the company

1986 Helmut Müller jr. was appointed CEO

1999 Helmut Müller jr. was appointed a sworn expert for corrosion protection, coatings and linings in plant, container and tank construction

2000 Restructuring of the business from an executive to an advisory company

2006 Hendrik Müller joined the company

2008 Helmut Müller jr. was appointed a VawS (Ordinance on Systems Containing Substances Hazardous to Water) appraiser in accordance with the WHG (Federal Water Act)

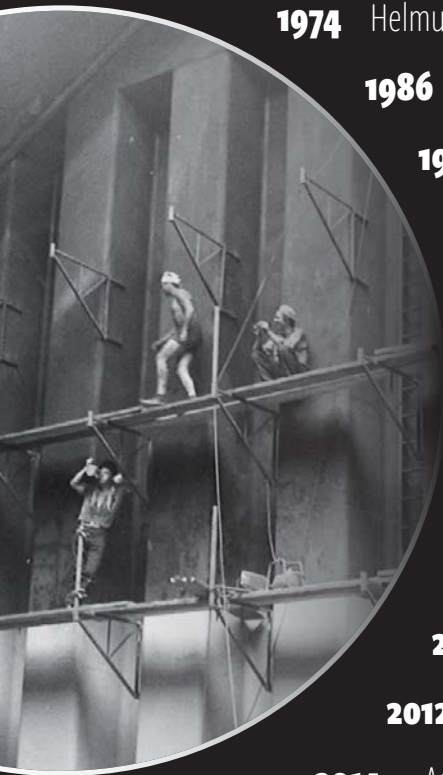
2011 Steffen, Nils & Sören Müller joined the company

2012 Expert services spun off to a sole proprietorship (HM-PCC)

2014 Anniversary "50 Years of Helmut Müller"

2015 Branch office opened in Hamburg

2016 Hendrik Müller appointed sole CEO





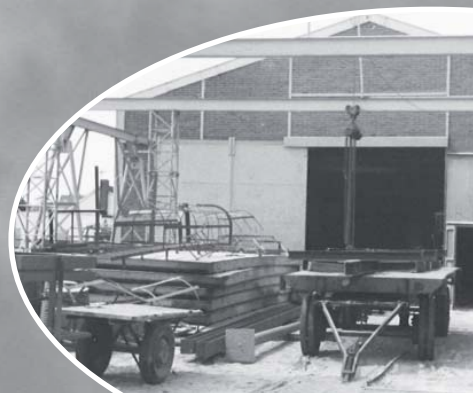
HELMUT MÜLLER SEN.



HELMUT MÜLLER JUN.



HENDRIK MÜLLER



STRUCTURE & ALIGNMENT

Helmut Müller GmbH, where the focus is on quality assurance and advisory services, has a sister-company called Helmut Müller Protective Coating Consult (HM-PCC), which has publicly appointed and sworn experts.

HELMUT MÜLLER GMBH

Advice

Quality
assurance

Inspection

HELMUT MÜLLER PCC

Seminars
and training
courses

Legal
opinions

Material
testing

KEY ELEMENTS

Customer satisfaction

Staff satisfaction

Profitable growth

Internationalisation

Company partnerships and collaborations

Strengthening the relationship with the customer

Further development (opening up new markets)



Worldwide



Germany



Offshore

The fact that we identify with the company and the services it offers is a matter of course for us as a family-run business. A trusting and respectful way of dealing with our customers and suppliers and everyone involved is our top priority.

BRAND VALUES

Close to the customer cooperative competent down-to-earth
strong sustainable future-proof flexible

Priority



Confidence



MARKET & CUSTOMERS

Since 1964, Helmut Müller GmbH has offered its services to countless businesses in, among others, the following industrial markets:

Mineral oil (on- and offshore)	Renewable energies	Steel construction
Machinery construction	Steel production	Conventional energy
Hydraulic steelwork	Petrochemicals	Building construction and civil engineering
Wind energy (on- and offshore)	Shipping	

Our clients include:

Power plant operators	Oil companies	Public institutions and local administrations
Equipment manufacturers	State enterprises	Waterways and shipping offices
Shipping companies	Port companies	Steel construction companies
Refineries	Project companies	Insurance companies
Engineering companies	Chemical companies	



Helmut Müller GmbH
PROTECTIVE COATING CONSULT **hm**

Gutachten · Schadensbeurteilung · Qualitätssicherung

Korrosions-, Beton- und Tankschutz im Kraftwerks- und Ingenieurbau, On- und Offshoreanlagenbau.

Gelsenkirchener Str. 2 · 26723 Emden · Tel. +49 (0) 49 21-999 477-0 · www.hm-pcc.de · info@hm-pcc.de

QUALIFICATIONS

In order to satisfy our customers' requirements and offer our expertise in a professional and technically sound way, we pay special attention to an optimum mix of many years of practical and theoretical experience when selecting employees.

Our team includes:

Besides the necessary national and international vocational qualifications and certificates, our employees have had the necessary "Offshore Training". In addition, every employee is SCC certified and has done a training course for first responders. The required occupational health examinations are carried out regularly, in line with the respective certificate.

Corrosion protection engineers

Welding engineers

Mechanical engineers

Building inspectors

Welding quality assurance engineers

State-certified corrosion protection technicians

FROSIO Paint Inspectors Level III

VT2 / PT2 inspectors in line with DIN EN 473 / ISO 9712

NACE Coating Inspectors Level II

Rope access technicians

DIN-approved coating inspectors

State-certified paint and varnish technicians

Publicly appointed and sworn experts (German CoC)

VAwS experts affiliated with SOG (Organisation of experts for water protection)

COOPERATIONS & MEMBERSHIPS

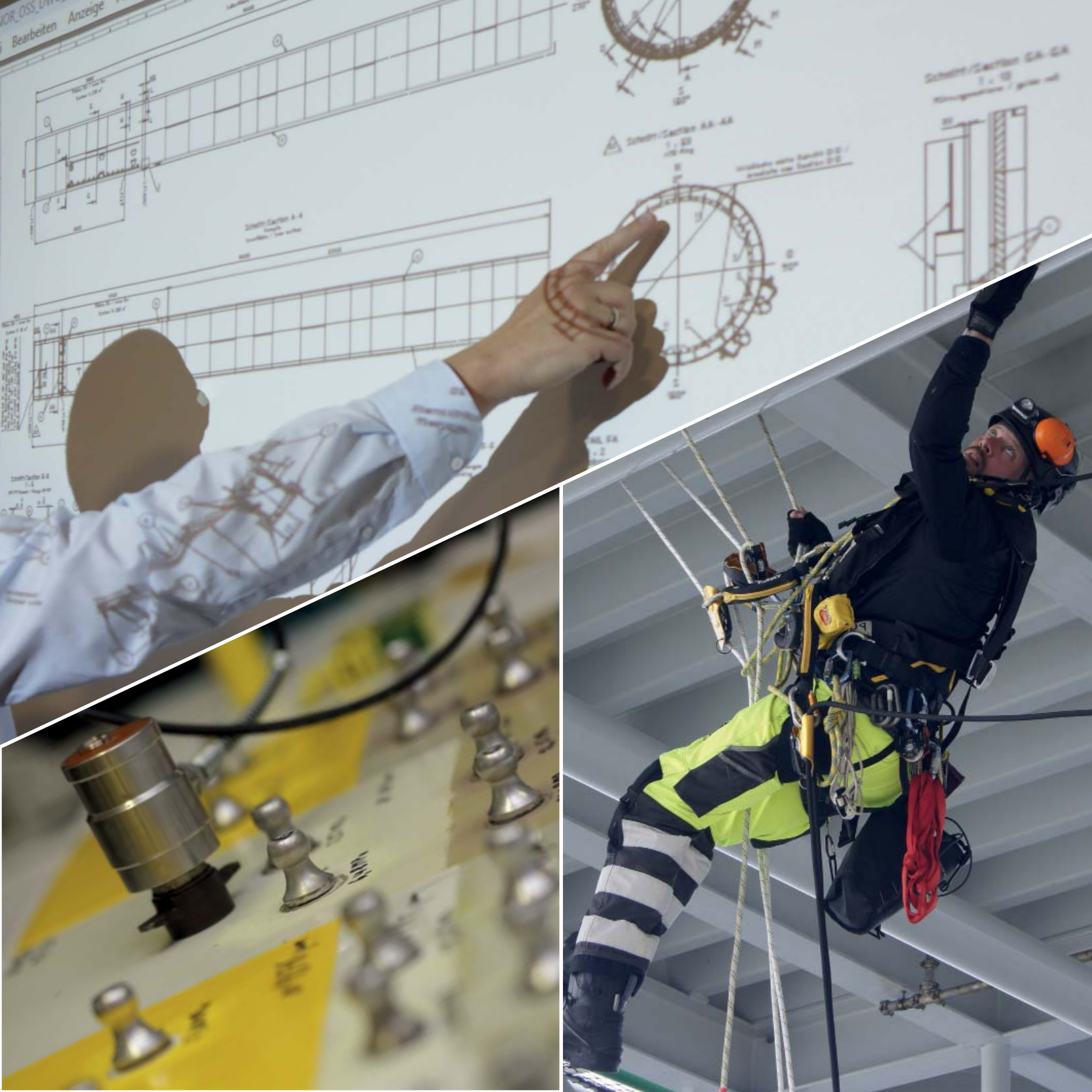
Helmut Müller GmbH is a member of various associations and actively participates in various working groups involved in developing standards and regulations.





OUR SERVICES

assurance / construction supervision Offshore inspections & services relating to corrosion protection Periodic inspections (WKP) Coating and corrosion protection
acceptance in line with FROSIO / NACE criteria Colour measurements / colour determination Weld seam testing Building inspections Advanced training courses
engineering and technicians services Project management Document checks Auditing Materials testing / laboratory tests Drawing up damage assessments
ification of specifications Drawing up and modification of performance specifications Quality assurance / construction supervision Offshore inspections & services
termine current state Conducting final and partial acceptances Expert services Acceptance in line with FROSIO / NACE criteria Colour measurements / colour
ection Periodic inspections (WKP) Coating and corrosion protection inspections Consulting, engineering and technicians services Project management Document checks
concept development Drawing up storage concepts Conducting inspections to determine current state Drawing up and modification of performance specifications
ratory tests Drawing up damage assessments Advanced training courses Drawing up and modification of specifications Coating and corrosion protection inspections
ion supervision Offshore inspections & services relating to corrosion protection Periodic inspections (WKP) Coating and corrosion protection inspections
with FROSIO / NACE criteria Colour measurements / colour determination Auditing Planning and concept development Drawing up storage concepts
Consulting, engineering and technicians services Project management Document checks Materials testing / laboratory tests Drawing up damage
ing up and modification of specifications Drawing up and modification of performance specifications





PLANNING SERVICES & DOCUMENT CREATION

"CORROSION PROTECTION STARTS ON THE DRAWING BOARD."

Thanks to the comprehensive knowledge we have gleaned from our hands-on work, we stand out from most of our competitors.

On the basis of this practical experience, we are well able to assess problem areas, technical possibilities, tolerances, systems and the time and expense needed.

You shouldn't underestimate this advantage when it comes to the high-quality and cost-effective implementation of projects, especially at operational construction sites.

Besides project management, we also draw up and modify documents including:

SPECIFICATIONS

PERFORMANCE SPECIFICATIONS

MAINTENANCE, REPAIR AND STORAGE CONCEPTS







SITE MANAGEMENT & COORDINATION

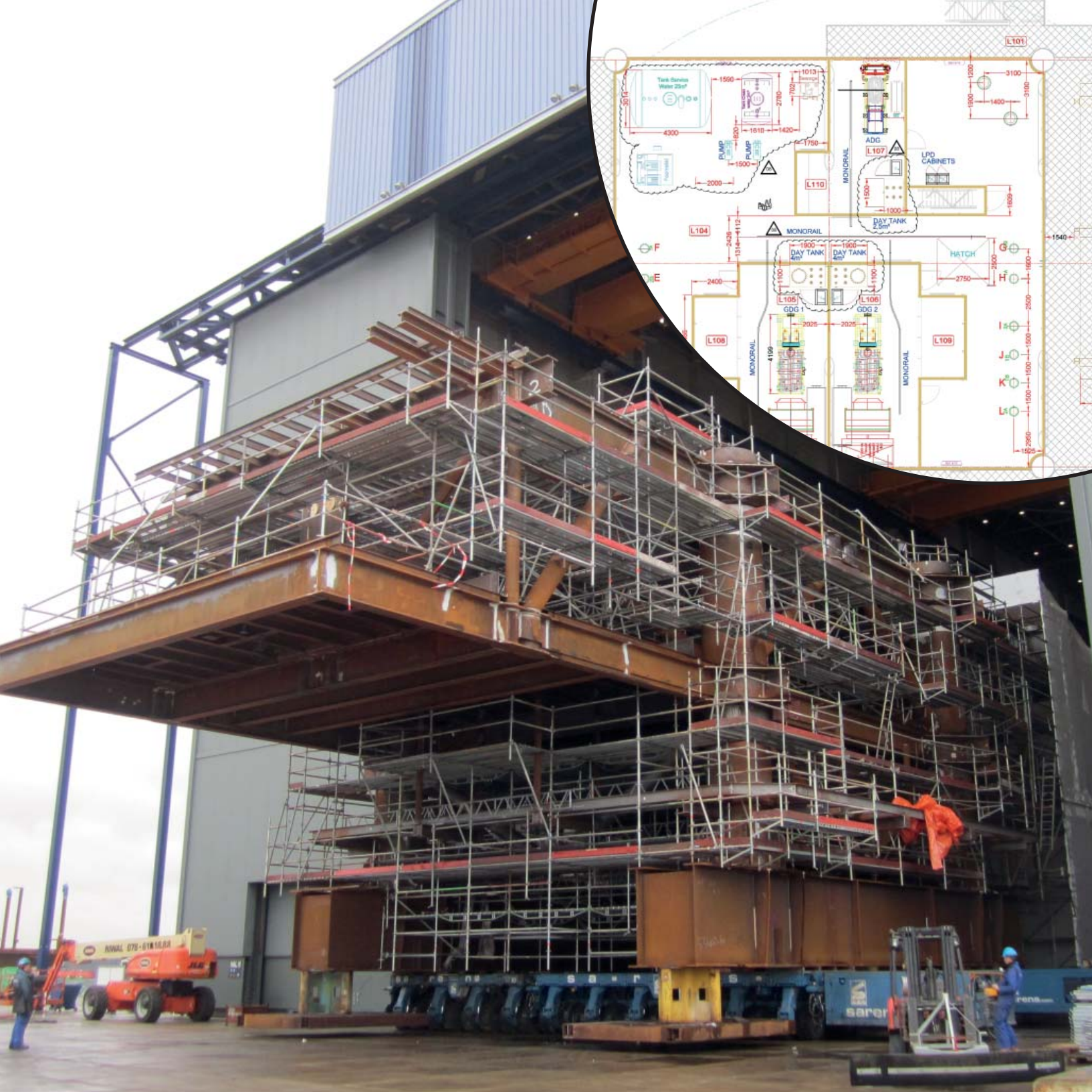
FAULT-FREE AND ON SCHEDULE! WHILE KEEPING COSTS AND SAFETY IN MIND!

Fault-free and on-schedule completion is the goal, and the prerequisite for carrying out a project in a high-quality and cost-effective manner.

Ensuring that the services are rendered fault-free and on-schedule and that all trades work together seamlessly while paying attention to cost and safety requires a high degree of hands-on and theoretical experience.

We have built on and expanded our experience in this area ever since 1964, and therefore we are able to successfully guide your project too.







QUALITY ASSURANCE & CONSTRUCTION SUPERVISION

Damage caused by corrosion is expensive and has a huge impact on the stability of structures. The occurrence of damage – especially damage caused by corrosion – could be avoided if more attention were paid to corrosion protection at all stages of the project implementation.

Through our highly trained and certified staff members, who have an abundance of hands-on experience, we can offer you a comprehensive range of services – both at home and abroad.

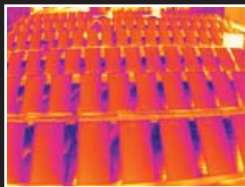
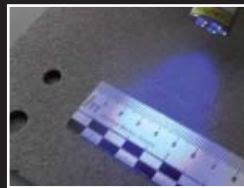
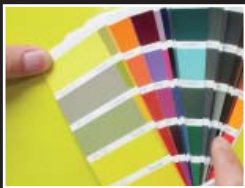


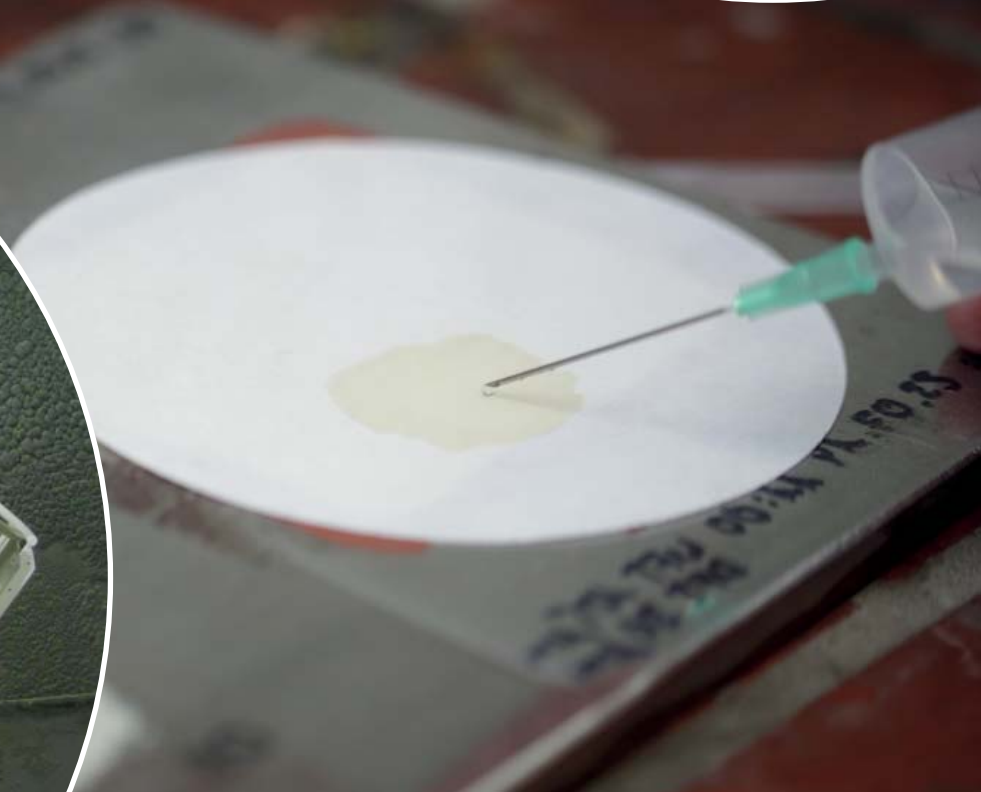




INSPECTIONS

Determining the current situation as well as monitoring compliance with regulations, standards and guidelines within the framework of production monitoring, acceptance or transfer of warranty and risk are among the important aspects of the services we offer.







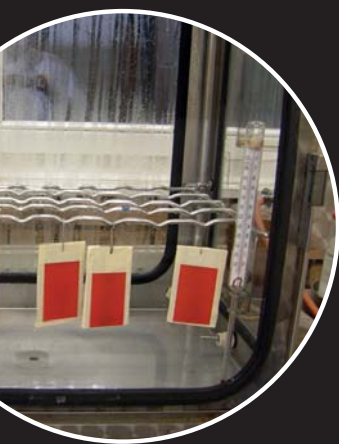
EXPERT SERVICES

MATERIALS TESTING - LABORATORY TESTS

Helmut Müller, a publicly appointed and sworn expert in the field of corrosion protection, coatings and linings in plants, containers and tank construction draws up documents including:

Private and court reports Evidence reports Damage analyses

and carries out plant inspections according to the WHG and VAWS directives as well as material tests.



More at: www.hm-sachverstaendiger.de





TRAINING COURSES & SEMINARS

PRACTICE-ORIENTED AND INTENSIVE

We can provide regular training and educational events to project and construction managers, quality assurance staff, foremen and skilled workers from corrosion protection companies.

The main focus of these events is on practice-oriented training, in which all content is presented clearly and in a way that everyone can understand.

Participants are taught the fundamentals of corrosion protection through coating systems from planning to completion, as well as all the relevant audit and quality assurance measures using practical examples and theoretical information. In order to customise our courses and deal with some areas in more depth or explore the special interests of participants in more detail, we offer them the chance to coordinate the selection of topics with us in advance.

All seminars can, on request, be carried out as an "in-house event" in your company. The seminars are conducted and taught mainly by Helmut Müller.





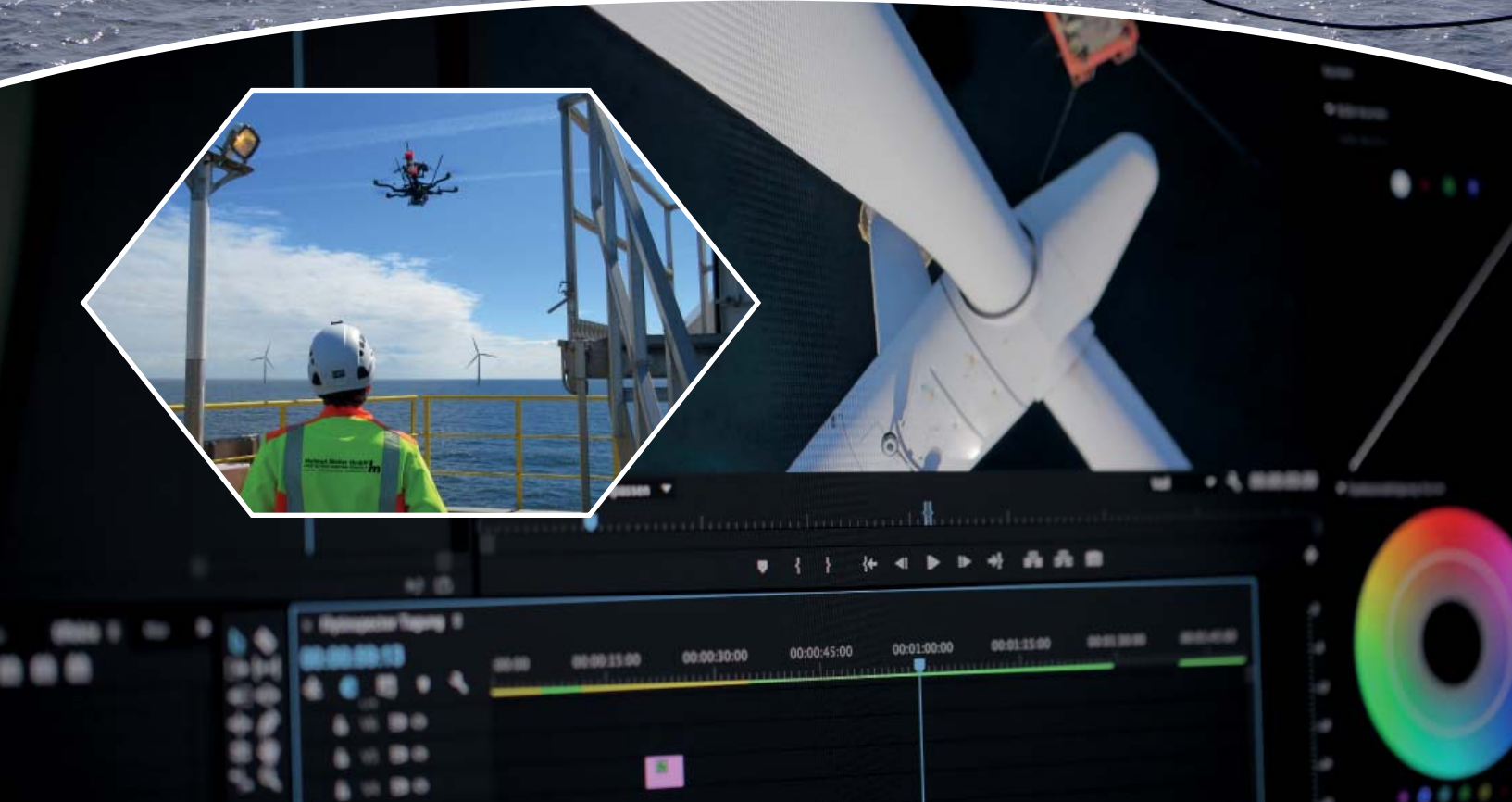
PERIODIC INSPECTIONS OF WIND TURBINES

Ensuring the stability of wind turbines means that the current state of the structure has to be assessed at regular intervals. This state is monitored by a combination of maintenance measures and periodic inspections (**WKP** for short).

The WKPs serve to identify potential damage and minimise it. The interval, nature and extent of the WKPs are determined by the Federal Maritime and Hydrographic Agency (BSH) and are governed by the principles of the German Wind Energy Association.

We carry out periodic checks as part of our portfolio of services.







WELD SEAM TESTING

The significance and scope of weld seam tests on steel and aluminium supporting structures are of great importance.

We carry out non-destructive initial tests, non-destructive production inspections in the course of production monitoring and non-destructive in-service inspections.

The non-destructive tests include:

Visual inspections

Dye penetration tests

Magnetic particle testing

Ultrasonic testing

Eddy current testing

Leak tests









CONCRETE TESTING & ADVICE

EVEN CONCRETE CORRODES

Factors such as the composition of the concrete, the area of application – that is to say the environment in which the concrete or reinforced concrete structure is located – as well as actual usage all affect the lifespan of the concrete.

Weathering, frost damage, wear and tear, and chemical threats in the environment can all damage concrete. This can even lead to failure of the structural element. The appropriate choice of concrete quality, proper concrete covering and type of concrete coating play a decisive role in planning and remediation.

We will advise **you** with regard to maintaining, repairing and rehabilitating your (reinforced) concrete structure. We provide support in the planning process, carry out concrete tests and monitor implementation.







FLIGHT INSPECTOR

AERIAL INSPECTION SERVICES

Since 2015, **FLIGHT INSPECTION GmbH** has devoted itself to the task of carrying out audiovisual inspections using drones.

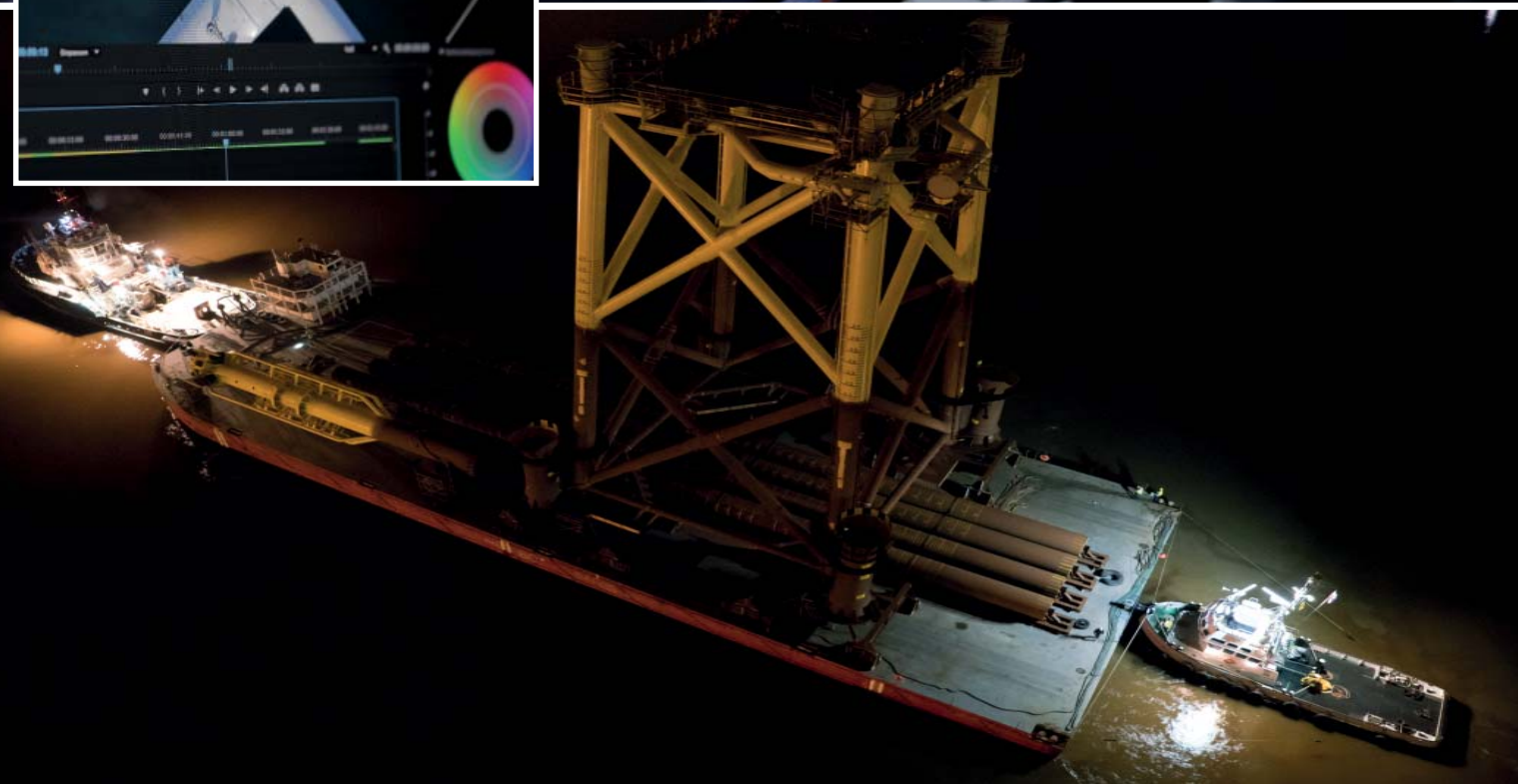
The company was founded through the merger of three international companies that joined forces so they could offer a unique portfolio.

Helmut Müller GmbH has been operating successfully in the field of corrosion protection for over 50 years. The media companies Karlheinz Krämer Fotografie and Reunion Media have been working in the fields of film, 3D-technology and software for nearly 20 years. Various drones have been used for documentaries and film productions for five years now.

Follow this link to learn more about the services and applications offered by FLIGHT-INSPECTOR GmbH.

www.flight-inspector.com

If you have any questions, please feel free to contact us – we'll gladly provide answers, as always.



HELMUT MÜLLER GMBH

COMPETENCE. **CORROSION PROTECTION**

COMPETENCE. STEEL CONSTRUCTION

Target-oriented & reliable expertise for the customer

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