



**Maximum reliability  
and availability of your  
power transformers**

---

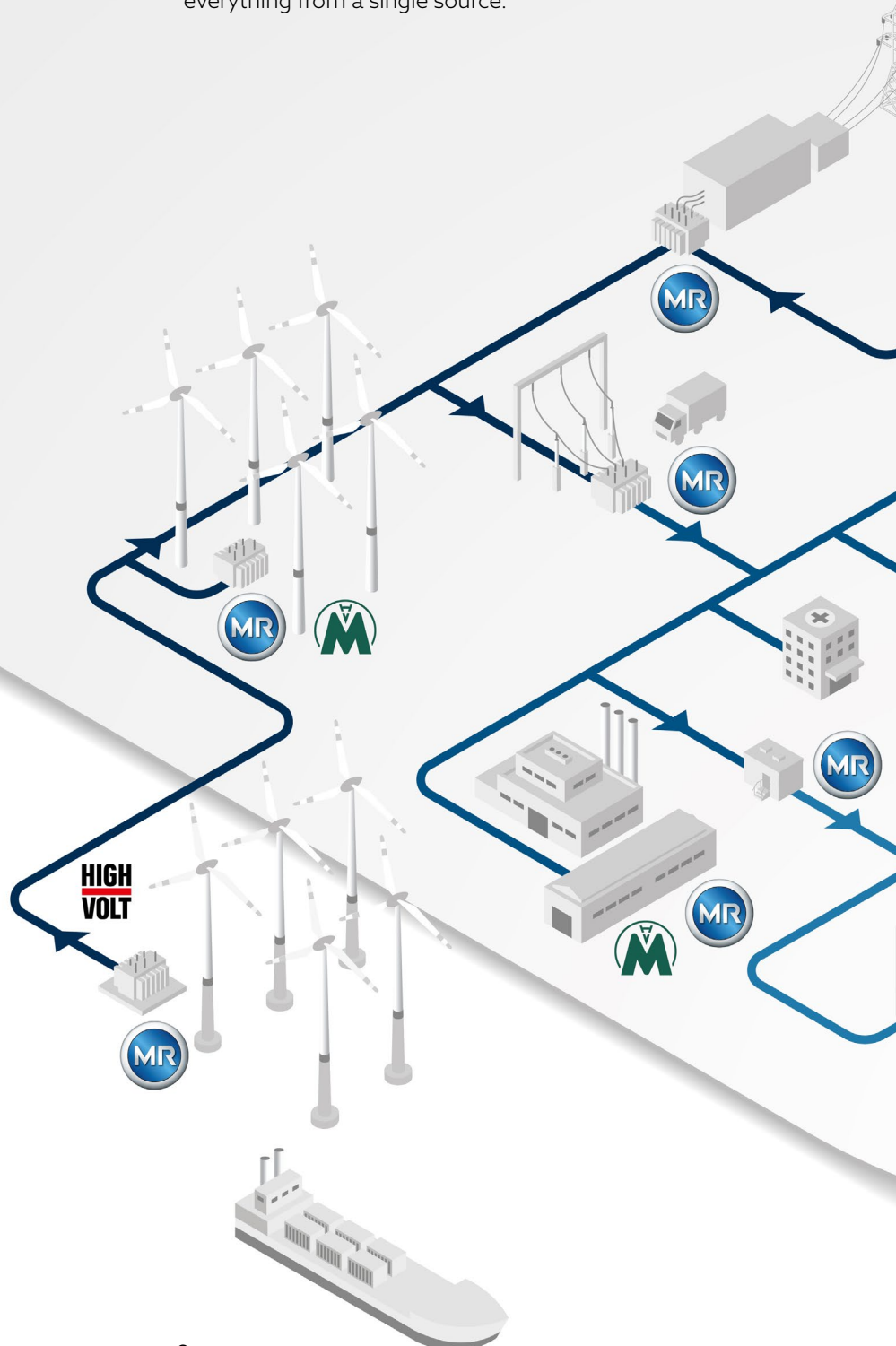
TESSA® Service Solutions

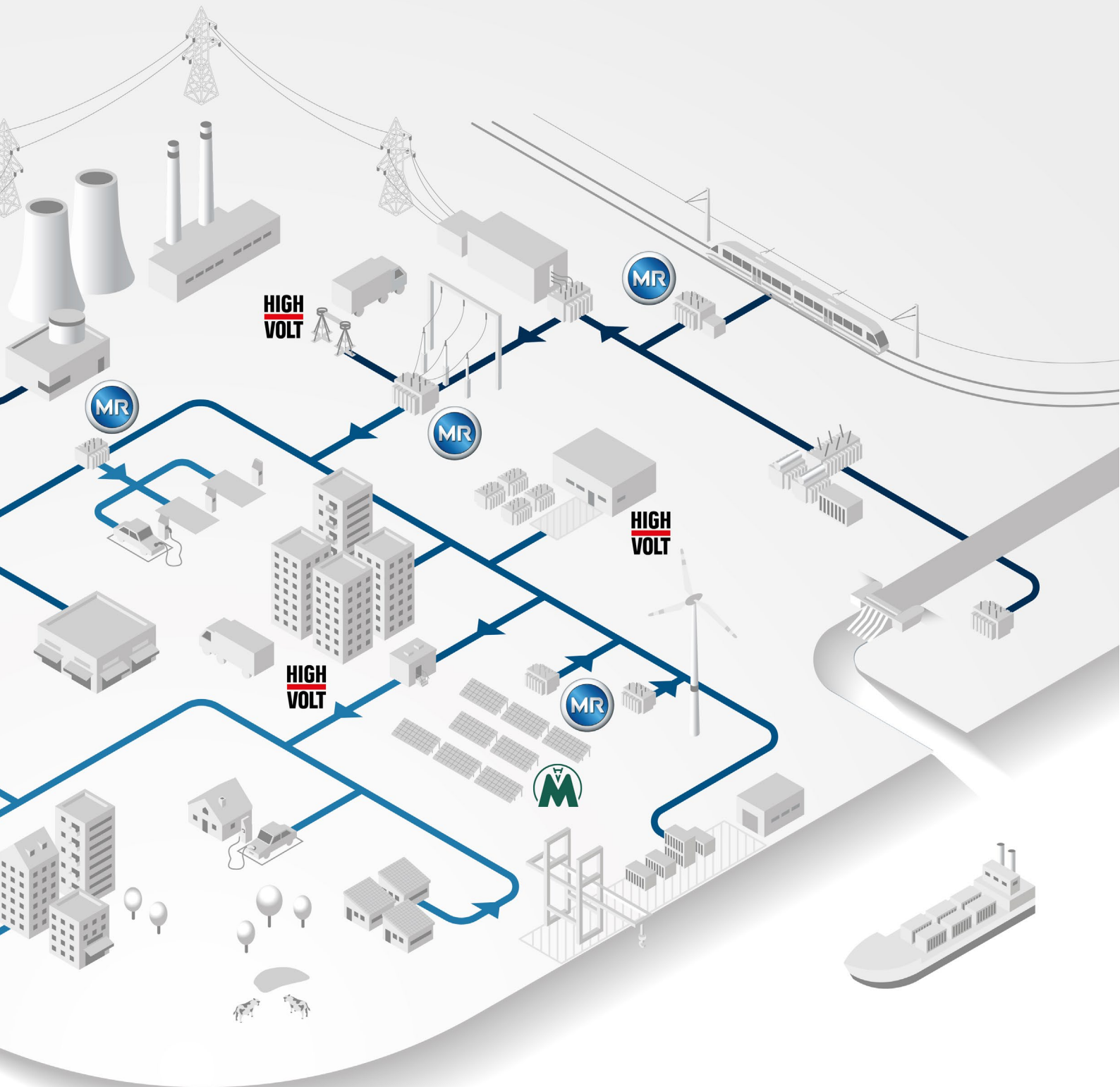
# Mission: Grid stability

Maximum reliability and availability of your power transformers – that is our goal.

The steadily increasing average age of installed transformers, lack of information about their condition, increased loads due to the integration of renewable energies and changed legal requirements present you with new challenges – we support you in finding solutions.

With our service packages Transformer Services, OLTC Services and Transformer Digitalization, we are your full-service provider throughout the entire life cycle of your transformer fleet. From diagnostics and consulting to recommendations for action and technical implementation, we provide you with everything from a single source.



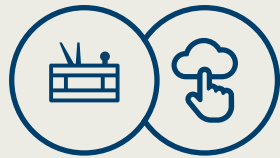


**//** *We are the “First Contact” in terms of asset management solutions on the transformer. As independent experts, we captivate our customers with innovative services and digital analysis methods around transformer and substation.”*

Wilfried Breuer | Managing Director



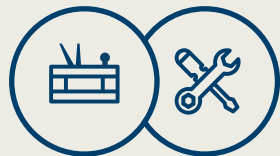
# A quick overview



## Transformer Digitalization



**Page 06-07** To digitalize your transformers, we use tailor-made and modular automation technology, intelligent sensors and online monitoring solutions.



## Transformer Services



**Page 08-09** To ensure a long lifetime, our service portfolio covers the whole life cycle of your transformers and substations.

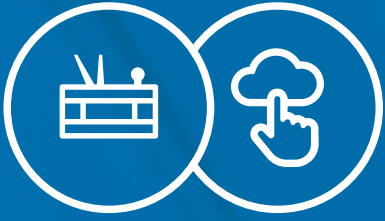


## OLTC Services



**Page 10-11** We are experts in the field of OLTCs. That is why you can expect sophisticated services with consistent quality and the highest reliability from us.

→ [More information](#)



**//** *Digital twin, state-of-the-art monitoring approaches (IIOT) or new maintenance strategies to increase availability – we offer the right solutions to you in terms of challenges and opportunities of digitalizing your transformers.”*

Jürgen Schwarz | Director Service Solutions



# Transformer Digitalization Control. Regulate. **Monitor.**

We digitalize your transformers using tailor-made and modular automation technology, intelligent sensors and online monitoring.

## Online monitoring

Are there transformers in your fleet at which you would like to take a closer look? With MR's ETOS® Monitoring System, you always know what is going on. We will gladly support you through consultation, installation and commissioning!

## Automation

Control, regulate, monitor – we offer automation solutions for transformers of all manufacturers, independent from age and application. We will support you from consultation and installation to commissioning.

## Intelligent sensors

With our product brands MESSKO® and MSENSE® we offer field-tested components that ensure decades of faultless operation. Be it consultation, installation or commissioning – we are happy to help!

## Communication

With Fleet Monitoring – one of our TESSA® Asset Management Modules – we offer you a practice-oriented tool for monitoring and evaluating your assets. Discover faults at an early stage and take countermeasures. Intuitive, safe and functional!

→ [More information](#)





**//** *Simply maintaining transformers is not enough. Total transparency due to our unique methods for condition assessment puts you in a position to technically and economically evaluate lifetime extension measures. Thus, we pave the way for our customers to sustainable and facts-based asset management planning. Whether consultation or hands-on services – your satisfaction is our main goal“.*

Andreas Morshäuser | Head of Global Project Services



# Transformer Services – Optimally plannable. **Maximum reliability.**

As a transformer operator, your focus is on maximum availability. As independent experts, we cover the entire life cycle of your transformers with our service offerings.

## **Condition assessment**

With our comprehensive test portfolio, we maximize the service life of your transformers. With TESSA® FLEETSCAN 2D, we offer a two-dimensional consulting approach to fleet management. Based on customer-specific data recording, you can see the condition of your transformers at a glance. You receive clear and prioritized recommendations for direct implementation.

## **Installation and commissioning**

From installation and commissioning to decommissioning. Our service technicians support you with expertise and the necessary equipment – for certainty right from the start!

## **Performance contracts and consulting**

With our TESSA® Performance Contracts, we offer unique solutions tailored to your needs. Benefit from our know-how and place the responsibility for your transformers in our hands!

## **Oil services**

Analyzing. Drying. Filtering. Degassing. Replacing. With our comprehensive services, we ensure the quality of your oil and thus extend the lifetime of your assets.

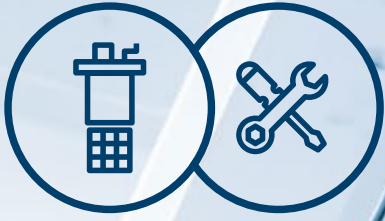
## **Modernization and replacement**

Do you want to make your equipment fit for the challenges of the future? By replacing components and accessories as well as technological upgrades, we bring your transformers up-to-date!

## **Routine services**

From simple maintenance and repair measures to thermographic assessments or diagnostic measurements – with our Routine Services, emerging faults can be detected early and eliminated in a plannable manner. For maximum availability of your transformers!

→ [More information](#)



**//** *The on-load tap-changer is the most important component in a regulated transformer. Maintenance and care of this highly accurate device is thus of utmost importance. With TESSA® Premium Service, we ensure the reliable and state-of-the-art operation of the on-load tap-changer for the whole lifetime of the transformer. Globally and also for non-MR products."*

Uwe Seltsam | Head of Global Execution & Product Services



## OLTC Services

# Innovative. Safe. **Reliable.**

As the market leader in switching transformers, we possess a unique reputation and field experience. Benefit from our OLTC expertise and plan all services around the heart of the transformer with us.

### **Maintenance and inspection**

With over 9000 service calls per year, our service technicians have unique field experience. Trust the expertise of the market leader with TESSA® OLTC Premium Services – for faultless operation of your OLTC!

### **Retrofit and modernization**

Plan the replacement of your on-load tap-changer, motor-drive unit or diverter switch insert with us. We offer turnkey retrofit solutions. Increase the reliability and service life of your transformer.

### **Performance contracts and consulting**

Customized services from dimensioning through installation & commissioning up to the case of damage. Benefit from our know-how and put the responsibility for your OLTC in our hands!

### **Remote solutions**

A personal inspection and consultation at the customer's site is not always possible. With our remote solutions, we can still support you on site – in a mobile and individual way!

### **Training center**

In our training centers, we offer practice-oriented and needs-based trainings – based on the many years of service experience of our on-load tap-changer and electronics specialists. The quality and depth of the training courses is unique worldwide.

### **VAM Analysis service**

We measure the heartbeat of your on-load tap-changer. With the VAM Analysis Service, we record characteristic vibration signals that an on-load tap-changer (OLTC) emits during switching operations.

→ [More information](#)

# Reinhausen worldwide – in your vicinity



**9,000**

service calls per year, worldwide

**5**

certified training centers

**280**

qualified service technicians

**60+**

years of service history

**100+**

years of experience in the manufacturing  
of important transformer components

**24/7**

availability

**24**

months warranty on our services

## Maschinenfabrik Reinhausen GmbH

Falkensteinstraße 8  
93059 Regensburg  
Germany  
+49 941 4090-0  
info@reinhausen.com  
[reinhausen.com](http://reinhausen.com)

Please note:

The data in our publications may differ from the data of the devices delivered.

We reserve the right to make changes without notice.

IN8809918/01 EN - TESSA® Service Solutions

F0408601 - uw - 03/24

©Maschinenfabrik Reinhausen GmbH 2022

THE POWER BEHIND POWER.