

A photograph of several high-voltage electrical transmission towers and power lines stretching across a landscape under a dramatic, sunset sky with orange and yellow clouds.

Software platform for testing **on-load tap changers** for **power transformers**

„When it was time to implement the software testing platform, we expanded our internal, agile development team to include software developers from infoteam. The result was a harmonious partnership characterized by efficiency, creativity and complementary expertise. I can only recommend such a cooperation with infoteam.“

***Uwe Gera**, Head of Development Test Engineering
Maschinenfabrik Reinhausen*

For our customer
Maschinenfabrik Reinhausen



Initial situation

- The voltage in the energy grid fluctuates due to widely varying energy demand requirements
- The voltage regulator triggers a mechanical switching process in the on-load tap changer in the event of prolonged voltage fluctuations
- The on-load tap changer sets a new transformation ratio in the transformer to ensure an uninterrupted flow of electricity
- The on-load tap changer plays a central role in an uninterrupted power supply
- Significant increase in demands on the test software for on-load tap chargers

Solution

- New software platform for the integration of cross-departmental testing tasks
- Interdisciplinary combination of automated testing processes
- Flexible parameterization of software
- Configurations and settings can be customized without programming
- Easily expandable software architecture



Your contact person at infoteam

René Frank

Key-Account-Manager

Telefon: +49 9131 78 00-271

rene.frank@infoteam.de