

# Remote Testing Service

## Remote-L@b Customer Program

The revolutionary remote  
Testing experience program

You are anywhere you like  
We are in our Lab with you

**KEMA** Labs

# Remote Witnessing and assistance for Type Tests

It may happen that you are not able to travel to our laboratories for witnessing the tests on your equipment, due to people's movement restrictions or any other constrain. In such cases we offer you the possibility of supervising the tests from your own office anywhere in the world: we will provide a secure connection, creating an environment wherein you feel that you are really with us in the laboratory.

- In your absence, we can provide services for assembly works on your test objects with the help of external contractors; such activities will be live streamed for your supervision.
- The oscillograms and the results of the tests will be displayed on your screen immediately after each test, it will be even possible to measure and evaluate the oscillograms yourself.
- A live video of the test cell will be provided, using cameras positioned in different locations to allow you to control the preparation of the test object, and a mobile video camera can be used for a walk-around the test object.
- Simultaneously a teleconference SW allows all participants to attend the event live.

## REMOTE SERVICES

Senior Product and System **Experts available** for engineering support



A live video stream of the test cell will be provided, using cameras positioned in different locations to show your test object mounted and connected for testing. A mobile video camera can be used for a walk-around the test object.

**Witnessing of FAT by Qualified Inspectors**

An online meeting tool will be used allowing several participants to join.

Always **Confidentially** according to Kema Standards

We use a secure SW for the connection between the lab and your office.

Test results shared live with **Digital connection**



The test oscillograms and the analyzed test results will be uploaded on your screen after each test. It is even possible to measure and evaluate the oscillograms yourself.

**Testing and Certification Impartiality** as first pillar



**Test Object set-up** by Qualified Local Team

We can provide services for assembly works on your test objects with the help of external contractors, if your team cannot come to our lab. These activities will be streamed for your supervision.

For further information please contact:  
[marketing@kema.com](mailto:marketing@kema.com)

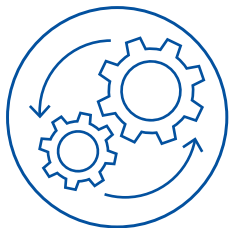
## BENEFITS



**Improve Safety**

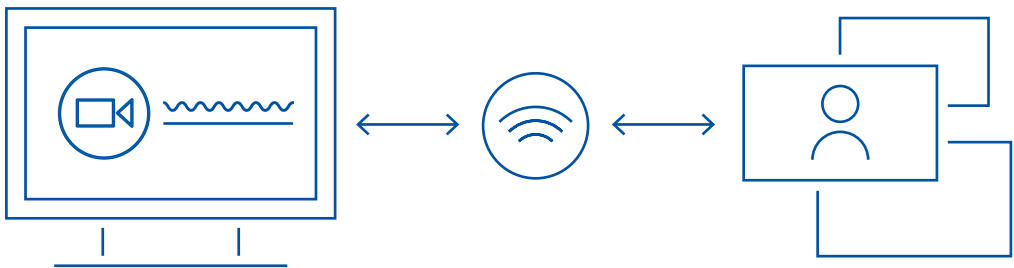


**Reduce costs of travel**



**Projects Never Stop**

## HOW THE SERVICE IS OFFERED



**KEMA Labs Control Room Guest-PC**  
1-4 of 20 ptz cameras (30x zoom) can be selected to be viewed

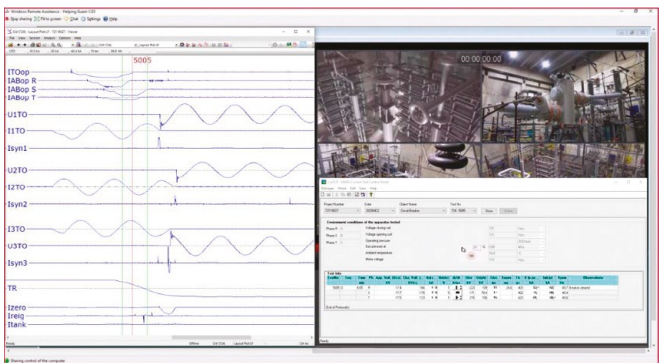
**Client Laptops**  
Connected via world wide web



➤ **LIVE VIDEO FROM HV CIRCUIT BREAKER TEST EXECUTION AT KEMA LABS**

At first, a live video stream of the test cell will be provided, using cameras positioned in different locations to see your test object mounted and connected for testing. A mobile video camera can be used for a walk-around the test object. In addition, detailed photographs can help you ensure that the object is correctly mounted and connected to the test circuit. The KEMA test engineer will send the details of the tests to be performed and the characteristics of the prepared test circuits for your review. The test oscillograms and the analyzed test results will be updated automatically on your screen after each test. It is even possible to measure and evaluate the oscillograms yourself.

A set of two screens, one for the test oscillogram and a second for the test results and the video stream, are made available at your end and are controlled by the customer's engineer. We use a two-stage connection to guarantee a secure communication and to prevent unauthorized access to sensitive information. For security reasons the connection and data transfer is made one way only, i.e. from the KEMA network to an external computer. In parallel an online meeting tool will be used allowing several participants to join.



➤ **REMOTE DESKTOP DURING POWER TEST AND VIDEO STREAM OF HV BREAKER DURING TEST**

With our Remote Witnessing System we strive to provide a real-world experience of type testing, though physically you could be located in your office anywhere in the world. Additionally, in your absence, we can also provide services for simple assembly works on your test objects with the help of external contractors. These activities can also be streamed for your supervision.

# CESI

Shaping a Better Energy Future

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