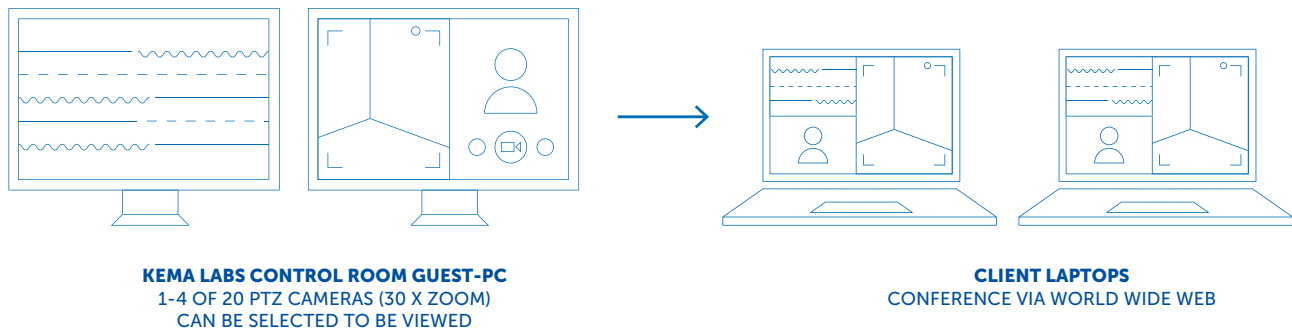


Remote witnessing and assistance for type tests

It may happen that as a customer you are not able to physically travel to our laboratories for witnessing type tests on your test objects, due to travel restrictions and other constraints. In such cases we offer you the possibility of witnessing the tests from your own office anywhere in the world. We connect with you digitally, creating an environment wherein you feel that you are really with us in the laboratory.



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 connection and to prevent unauthorized login to sensitive information. For security reasons, 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. 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 simpler assembly works on your test objects with the help of external contractors. These activities can also be streamed for your supervision.