



# Time-optimized Voltage Transformer Diagnostics with VOTANO 100

 1 day

 English

 Citr03en

Learn how to assess the performance of instrument transformers utilizing VOTANO 100. Get familiar with various measurement approaches, effective report generation, instrument transformer class assessment according to international standards as well as special application examples.

## Objectives

- ▶ Use of VOTANO 100 for time-optimized testing of voltage transformers
- ▶ Classification of instrument transformers according to relevant standards (IEC 61869)
- ▶ Assess the specific parameters of voltage Transformers
- ▶ Practical testing using the VOTANO Suite

## Content

- ▶ Function of instrument transformers and overview of different CT types (MV, HV)
- ▶ Goals of operators and theory relevant for VT diagnostics
- ▶ Relevant definitions in standards for testing and assessment of VTs
- ▶ Principle of model-based voltage transformer testing using VOTANO 100 and VBO2
- ▶ Common safety measures required for safe and reliable VT testing
- ▶ Practical example for time-efficient instrument transformer tests with VOTANO Suite
- ▶ Evaluation of the VT measurement results by means of practical examples

## Solutions

VOTANO 100 + VBO2  
VOTANO Suite Software

## Audience

Technical staff involved in instrument transformer testing in utilities, transmission, distribution and generation networks, railway grids, service companies and manufacturers.

## Prerequisites

Knowledge of electrical engineering