

Training to set up and operate TASE.2 links

KEMA Academy



Course summary

The TASE.2 communication protocol is very popular all over the world for exchanging data between the control centers of system operators, power pools and security coordinators. KEMA Academy invites you to attend our two-day training course. The course has been developed to offer telecommunications professionals the opportunity to obtain up-to-date information on the Inter-Control Center Communications Protocol (ICCP or IEC 60870-6 TASE.2) and hands-on experience of protocol performance analysis using the UniCA analyzer. Attending this course with our leading experts will give you the knowledge you need to set up and operate TASE.2 communication links.

Target group

This course is designed for all staff members involved in the configuration, testing, and operation of TASE.2 telecommunication links including IT or telecommunication engineers and energy management system engineers.

Course information

The course focuses on the use of the TASE.2 communication standard. To simplify specifications, TASE.2 is divided into nine conformance blocks. We give an overview of the functionality of each conformance block, especially the most popular blocks: 1, and 2. We will set up online TASE.2 links and introduce participants to a protocol analyzer providing hands-on experience. Participants will look at the message flow on a link to detect and solve communication problems. Exercises will enable you to immediately put what you have learned into practice. After the course, you will be able to effectively configure, set up and operate TASE.2 links.

Course outline

Day 1 Overview

- > Introduction
- > TASE.2 overview
- > UniCA analyzer introduction/demonstration
- > Details of Association with exercises

Day 2 Details

- > Details of dataset transfer reporting with exercises
- > Other user-requested issues
- > Conformance blocks 4 and/or 5 (optional)
- > Secure TASE.2 links using TLS (optional)

Location

The course will be held at an external training location in Arnhem, The Netherlands.

About KEMA

KEMA is the leading company in independent testing, certification, and consultancy for standard communication protocols used in the utility industry. KEMA has already given numerous training courses to both vendors and utilities. KEMA is actively involved in the IEC working groups, has executed several TASE.2 projects and performs factory and acceptance tests on TASE.2 gateways for transmission system operators. Participants will benefit from this knowledge during our training courses.

In-company and customized training courses

At the client's request KEMA can also provide in-company and customized training courses. The course can then, for example, deal with actual cases from your business operations, or future scenarios sketched out by you. We are flexible in this.

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