SIEMENS

SINAUT ST7 Training 2020 (IK-TC-ST7)

Objectives

Participants will be able to structure, parameterize and start up the SINAUT ST7 telecontrol system.

Target Group

- Programmers
- Commissioning Engineers
- Engineering personnel
- Maintenance personnel
- Service personnel

Content

- System properties of SINAUT ST7
- Installation guidelines and configuring aids
- Startup of TIM, CPs (TIM1531, CP1542-SP-1 IRC, CP1243-8 IRC), modems or router
- Network examples and network configuring
- Configuring SINAUT ST7 in TIA Portal
    - Basic configuration of TIM/CP (Device Configuration)
    - Configuration of SINAUT ST7 connections
    - Time synchronization
- Configuring of the telecontrol program in DataPoint Editor (TD7onTIM)
- Configuring of the telecontrol program for CPU S7-1500 or S7-300/400 (TD7onCPU)
- Loading the SINAUT configuration
- Commissioning of a SINAUT System
- Migration from SINAUT ST7 in STEP7 Manager into TIA Portal
- Splitting SINAUT ST7 projects in TIAP
- Exercise examples for simple system configurations with Ethernet-based networks such as 2G/4G or fiber optic, as well as redundant connections; optionally / if required also dedicated lines, dial-up networks and radio
- Diagnostics concept and SINAUT remote programming/remote diagnostic (PG routing)
- Presentation of the SINAUT ST7cc control center system and the Scada Connect Software SINAUT ST7sc
- Configuring and startup of the SINAUT ST7cc control center system using a multi-stage exercise

Prerequisites

Knowledge of the STEP 7 programming language as well as experience in handling the programming device are required. Knowledge of WinCC is recommended

Note

We also offer training for the European and American markets.

- DNP3 Training (IK-TC-DNP3)
- IEC 60870-5-101/104 Training (IK-TC-IEC)

Type

Face-to-face training

Duration

3 days

Language

de