

SINAUT ST7 Training 2020 (Face-to-face Training) (IC-TC-ST7)

Short Description

This training was conducted until March 05, 2026 under the course number 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

Included in the course price: Free access to the digital learning platform [SITRAIN access](#) – starting one week before the start of the course until two weeks after the end of the course.

With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.

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

en