
SPPA-T2000 Basic Course for Automation System AS 620 B (K-T2N-EAS)

Short Description

Engineering AS 620B (FUB-editor), tec4function-editor, generation and loading of basic applications via ES-S7-server

Objectives

The participant will learn the principle of operation of SPPA-T2000 and the design, generation and loading of basic applications of the AS 620 B. The participant will practice to use the standard documentation to solve the exercise tasks. Additionally the course will pass on the special knowledge and abilities required for initial commissioning and error diagnosis on the AS 620 B.

Target Group

SPPA-T2000 process control system users engaged in AS 620 B automation system engineering.

Content

System summary SPPA-T2000

Basic knowledge and engineering of the AS 620 B

Engineering of function diagrams with tec4function-Editor

Generation and transfer of tec4function diagrams to the target system ES 680

Engineering system ES 680:

- FUP - Editor to design HW-diagrams (topology and disposition)
- Code generation of diagrams
- Code-transfer (via ES-S7-server) to the AS 620 (offline und online)
- Dynamisation of diagrams, fast parameter change

Configuration of typical applications:

- Motor, actuator and control drive
- Analogue and binary sensor processing

Practical exercises on configuring tool including verification of generated code on an AS 620 B

Prerequisites

Experience in the handling of automation structures and typical identification systems for power plants

Note

Max. number of participants: max. 10

Language: English or German

Course duration: 5 days

Course location: Karlsruhe or on-site

Type

Classroom training

Duration

5 days

Language

en