
ST-7STOE – SIMATIC S7 Troubleshooting (Simatic Step 7 Classic) / Курс ST-7STOE – поиск неисправностей и ошибок (ST-7STOE)

Short Description

The course is intended for the experts who are engaged in commissioning and service of control systems on the basis of SIMATIC S7300/400 controllers. The course provides the expanded level of knowledge of an operating system and service of SIMATIC S7 systems. Listeners carry out a large number of practical exercises on search and elimination of the prepared mistakes.

Objectives

Acquisition of expanded knowledge of service of SIMATIC S7 systems, to commissioning of the equipment and programs, search of mistakes and elimination of malfunctions

Content

- Control of the hardware
- Test functions in STEP7
- Parametriruyemy program blocks: FC/FB
- Organizational blocks
- Loading of the program of the user. Search of the mistakes leading to CPU stop with use of system information (B-STACK and I-STACK)
- Random errors
- Search and elimination of logical errors of functioning of system
- Processing of interruptions; adaptation of the program to changes in the hardware
- Expanded opportunities of diagnostics
- Communications via the MPI interface
- Saving of the program of the user

Prerequisites

experience with WINDOWS, initial knowledge of SIMATIC S7 within the course ST-7SYH
the higher technical or secondary education

Note

Practical exercises are carried out with use of educational SIMATIC S7-300/400 stands and models of the conveyor. The course provides a large number of educational examples on testing of programs and search of the simulated wrong conditions of installation.

Type

Face-to-face training

Duration

5 days

Language

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