

ST-7SERV2 – Service course 2 / Курс ST-7SERV2 – сервисный курс 2 (ST-7SERV2)

Short Description

The second component of the SIMATIC Service course is linked to the first basic course with regard to STEP7, human machine interfacing, drive components and PROFIBUS DP, and it expands this in the direction of troubleshooting. The course focuses on fault correction, software troubleshooting and program adaptations. What you learn about the integrated factory automation will teach you to take a holistic view of your plant and to understand the relationship between the individual components. This will enable you on completion of the course to pinpoint faults and correct them systematically and quickly. This will increase the productivity of the machine since standstill times are thus reduced. You will be able to adapt your system to new conditions through small program changes and expansions.

Target Group

Programmers
Service personnel

Content

- Detecting and correcting basic hardware faults
- Possible applications of different block types (FC, FB, OB, DB)
- Principles of analog value processing
- Using STEP 7 software for troubleshooting
- Detecting and correcting software errors
- Connecting distribute IO with PROFIBUS DP
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- Modifying parameters of the MM420
- Sequential Control System
- Deeper understanding of contents through practical exercises on the SIMATIC S7-300 system model

Prerequisites

SIMATIC S7 knowledge according to ST-SERV1 and practical experience in using the knowledge. Experience in Windows

Note

In this course you will work with the SIMATIC STEP 7 V5.x software. This is the second of two courses which will lead you to the exam for the "Siemens Certified Service Technician Level 1 ". This is the second of three courses which will lead you to the exam for the "Siemens Certified Service Technician Level 2 ". The exams are modules of the "SITRAIN Certification Program»

Type

Face-to-face training

Duration

5 days

Language

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