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## ST-WINVBS – Application of the scenarios Visual Basic in WinCC (SCADA) system / К у р с ST-WINVBS (ST-WINVBS)

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### Short Description

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The course is intended for development of various opportunities of the built-in language of the scenarios Visual Basic in systems of automation with application of SIMATIC WinCC (SCADA) or on the basis of SIMATIC PCS 7.

### Objectives

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- Studying of syntax and basic opportunities of language of the scenarios Visual Basic
- Studying of opportunities of object model of the environment of execution of WinCC available in the scenarios Visual Basic
- Development of opportunities of the solution of problems of interaction with other appendices in the environment of Windows, and also access to files, databases and other resources

### Content

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- Bases of language of the scenarios Visual Basic (variables and massifs, types of data, operators, designs of language, function and procedure, objects, collections)
- Object model of the environment of execution of WinCC/PCS7
- Global actions in WinCC/PCS7
- Use of COM of objects in the scenarios Visual Basic
- Practical exercises and chosen examples of the solution of practical tasks
- Additional subjects and practical training:
  - Work with files and folders
  - Access to databases through the ADO components
  - Work with servers of automation of Word and Excel

### Prerequisites

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Knowledge and practical skills in volume of the system course ST-BWINCCS on WINCC system are necessary for successful completion of the training

### Note

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The programmer is provided to every participant for performance of exercises.

### Type

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Face-to-face training

### Duration

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4 days

### Language

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