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## ST-BWINOND – Profound design, network options and options for access to the Simatic S7 WINCC databases (SCADA) / К y p c ST-BWinOND (ST-BWINOND)

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### Short Description

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In this course, you will learn how to use SIMATIC WinCC as a multi-user system (client-server architectures). The course also teaches you how to access information from the WinCC databases (WinCC archive) with the database options for higher-level applications (MES/ERP). Further course items are the efficient configuration, working with the Engineering Station, introduction automatic configuration and further WinCC Options. The theoretical component is extensively reinforced to significantly increase your learning success on a practical hardware.

### Target Group

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Programmers

### Content

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- Introduction to Visual Basic Script (VBS actions and VBS object structures)
- Introduction to ANSI-C
- Introduction to WinCC-Database ( value archiving)
- Introduction to Network ( network-classes and subnetting)
- WinCC-Server, WinCC-Client without and with project
- WinCC Option Redundancy
- Time synchronization ( Client/Server, Redundancy)
- Introduction to Central Archive Server (CAS)
- WinCC Web-Option Web Navigator
- WinCC Web-Option DataMonitor
- Database option Connectivity Pack
- Database option IndustrialDataBridge
- Communication, OPC, WinCC-Option Connectivity Pack/Station, IndustrialDataBridge
- Efficient configuring: Configuration Tool, CrossReference, Diagnostic Tools, Engineering Station
- VBA for automatic configuration in Graphics Designer
- Overview for WinCC-Options for FDA
- Overview for WinCC-Options: SIMATIC Maintenance Station, ProAgent, DownTimeMonitor, ProcessMonitor, SIMATIC Batch (for WinCC), ODK, IndustrialX
- Deeper understanding of contents through practical exercises

### Prerequisites

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Knowledge of SIMATIC WinCC according to the course ST-BWINCCS (system course)

### Note

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This course you will work with the SIMATIC WinCC V7.x (SCADA system).

### Type

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Face-to-face training

### Duration

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5 days

### Language

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