

## Course Name: INDUSTRIAL SCADA

### Short description

WinCC V7.x is the proven and powerful SCADA system in the automation environment. Want to modernize or perform maintenance on your SCADA system or create a completely new SCADA system, Attend this training course, which is designed to help you learn the basic functions.

### Objectives

- Will have a basic or fundamental knowledge of Simatic WinCC SCADA.
- Work with Step 7 PLC Programming software.

### Target Group

- Engineering students, Trainers.
- Scada engineers.
- System developers and programmers responsible for the development of industrial control systems such as PLC and/or SCADA applications.

### Content

- System overview of SIMATIC WinCC.
- Communication with controllers: Overview of possible controllers, configuration of a connection to the SIMATIC S7, configuration limits for communication, diagnostic options.
- Creating tags and groups, internal and external tags.
- Working effectively with the Graphics Designer.
- Making objects dynamic.
- Introduction of Report Designer for reporting.
- Alarm logging: Alarm procedures, alarm classes and types, archive configuration, alarm control, system alarms, and status tags.
- Tag logging: Archives and archive tags, archive configuration, types of archiving, online trend Control.
- Server / Client project.
- Deeper understanding of contents through practical exercises.

### Prerequisites

- Successful completion of the PLC & HMI course.

### Note

At the end of the course, participants will be able to design graphics for control and observation of process activity and collecting information as per requirement of a plant or industry

### Type

Face-to-face training.

### Duration

36 hrs.

### Language

English.

