SIEMENS

WinCC Open Architecture Basic Training (ST-WCCOABA)

Short Description

This five day course provides trainees with the knowledge and skills necessary to successfully design and build a WinCC OA application. It is aimed at staff getting their first experience of WinCC OA.

Objectives

On completion of this course the trainee will be able to produce a simple application and modify existing applications.

Content

WinCC OA concepts
- The managers
- PARA module
- GEDI module

Control programming
Animation of graphical objects / scripting
References of graphical objects
Panel topology
User / permission management
The alert concept
Alert and Eventscreen
Datapoint-groups
(Power)-configs
Complex graphical objects
Zooming and (de)cluttering
History-DB
Archiving and archive compression
Linking to the periphery
Mass-parameterization, multi language support
Variable Trend
Working with Scripts and Libs
Online-Backup
Emergency-Mode
Module 1 - Redundant Systems
- Communication in WinCC OA
- Requirements for "Hot-Standby" redundancy
- Redundant WinCC OA-system in detail
- Redu-switching in detail
- Redundant LAN-Connections
- Failure modes at redundant LAN-Connections
- Priorities for system switching
- Message logic: peripherals->WinCC OA

Module 2 - Distributed Systems

Prerequisites

Participating trainees should be PC literate, (MS Windows, keyboard and mouse skills) have PLC and network knowledge. A basic knowledge of programming is advantageous. Trainees should bring a suitable laptop or notebook. A training copy of the WinCC OA software will be installed on this PC as part of the training. A minimum specification for this PC is detailed in the note below.

Note

Note: The minimum hardware and software requirements for the PC that the trainee should bring to the course is:-
Processor Intel Pentium IV, 1,6 GHz (or better)
RAM 1GB
HDD >1GB free disk space
Monitor 1280 x 1024
Input Keyboard and mouse
Media DVD-ROM
Operating system Windows 7 / 8.1 (64 bit)
Optional Software Microsoft Excel 2007 / 2010 (32 bit)
Other courses that are available can be seen on the

ETM Website

Type

Face-to-face training

Duration

5 days

Language

en

Fee

3,290 GBP