

WinCC Open Architecture Basic (Design and build a WinCC OA application) (WINCC-OA-EN)

Présentation

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.

Répartition	50% Théorie, 50% Pratique
Maximum number of participants	8
Evaluation of knowledge	Yes
Eligible CPF	No
Certification	No

Objectifs

At the end of the training, the trainee will be able to:

The training is designed for software architects and engineers for the first connoisseurs of WinCC Open Architecture

Groupes cibles

The training is intended for software architects and engineers who are introduced to WinCC Open Architecture for the first time

Programme / Contenu

- 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

Prérequis

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

Remarque

Compétences formateur :

Réalisée par des experts assurant au quotidien des missions techniques auprès des entreprises, formés et qualifiés à la pédagogie des adultes avec un suivi et une actualisation de leurs compétences théoriques, pratiques, et pédagogiques.

Remarques complémentaires :

Attention, La formation est assurée en français, mais la documentation remise aux stagiaires est en Anglais.

Ne pas confondre avec le logiciel de supervision WINCC et les formations WINCC-CLA1/CLA2

Matériel Pédagogique pour la salle (à titre indicatif) :

- Console de programmation (STEP7 TIA-PORTAL, WinCC-OA v3.15)
- Automate S7-1500

Type

Formation en salle

Durée

5 Jours

Langue

en

Prix

2 780 EUR

Prix en EURO HT par personne (repas compris)