Certified WinCC OA Developer workshop

Course title:	WinCC OA Developer workshop
Order code:	ETM-WinCCOADEV
Export regulations (AL):	N
Export regulations (ECCN):	N

Description/Objectives

This three day instructor-led workshop provides experienced trainees with the knowledge and skills necessary to use the WinCC OA API Toolkit. In the training there will be presented the means of creating custom Ctrl-extensions (DLLs), managers and/or drivers.
On completion of this course the trainee will be able to develop custom Ctrl-extensions (DLLs), managers and/or drivers, in order to extend the already given functionalities of WinCC OA.

Requirements

Participating trainees must have proper skills in C++ programming, PLC and network knowledge. Trainees need to attend previously the “Certified WinCC OA Basic Training” (ETM-WinCCOABAS). The previous completion of the training “Certified WinCC OA Engineer Workshop” (ETM-WinCCOAENG) is preferable. Trainees should bring a suitable laptop. A training copy of the WinCC OA software will be provided for the duration of the course if needed. There has to be a proper Visual Studio version installed on the trainee laptop, that matches the version of compiler used for the respective WinCC OA release (no Express Edition).A minimum specification for this PC is detailed in the note below.

Target group

Programmer
Commissioning engineer
Project engineer

Content

- Best practices for designing data structures and graphical references
- Introduction into the WinCC OA API
- Creating a simple driver (or manager or Ctrl-extension)

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Additional comments

In this course you will work with SIMATIC WinCC Open Architecture V3.1x software.
The course will take 3 days.

Please note: The minimum hardware and software requirements for the PC the trainee should bring to the course is:

- Processor: Intel Core i3 / i5 / i7 with 2.2 GHz or similar
- RAM: 2 GB
- HDD: 5GB free disk space
- Graphic: 1280 x 1024
- Input: Keyboard, mouse and USB-Port (required)
- Operating system: Windows 7 SP1 (64 bit), Windows 8.1 (64 bit), Windows 10 (64 bit), Windows Server 2008 R2 (64 bit), Windows Server 2012 R2 (64 bit), RedHat Enterprise Linux 7.1 (64 bit), Linux OpenSuse 13.2 (64 bit), CentOS 7.1 (64 bit)
- Mandatory software: Visual Studio (Version should match to the WinCC OA release in use. Please note: Express edition is not enough)

This course is performed by ETM professional control GmbH - A Siemens Company.
Here you can find further information.

For questions about the training please call us at: +43 2682 741 0
You can also contact us by email (training@etm.at) or register online for training.