

FAST/TOOLS – STARDOM

Integration M1

To enable engineers to understand basics of development of a SCADA project using the available tools and working methods. The objective of the course is to guide the engineers from the beginning to the end in a SCADA project comprising of STARDOM controller and a FAST/TOOLS HMI. The engineer will have to setup, implement and test an integrated SCADA system.

Who should attend?

Process control engineers, process engineers, SCADA engineers, maintenance and technical support personnel.

Prerequisite knowledge

Participants will require working knowledge of computers and MS Windows. It would also be beneficial for participants to have knowledge of electronics and Boolean logic.

Program

Day 1: STARDOM

- Introduction and main hardware components
- Resource Configurator and hardware exercise
- Maintenance page and Loop check tool

Day 2: STARDOM

- Logic Designer
- POU – Program Organisation Units and
- UDFB – User Defined Function Blocks
- Resources Task Instances

Day 3: FAST/TOOLS

- Introduction to SCADA
- Engineering Module
- Equipment: line, station, point
- I/O: sections, items. sub-items

Day 4: FAST/TOOLS

- Alarming mechanism and functionality
- Classes and objects (signal – item)
- Principle integration of any controller into SCADA Server and HMI

Day 5: FAST/TOOLS

- Graphics capabilities and functions of Graphic Editor
- Components, layouts, parameters and properties
- Thresholds, filters, actions
- Symbols and objects
- Evaluation

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More information

This training is held online or in a Yokogawa training facility (e.g. in YEF-NL Amersfoort). The training language is English or Dutch depending on the audience and trainer. For more information or would you like to sign-up for this training please sent your request to training@nl.yokogawa.com.