

SIMOCRANE Remote Control Operation System RCOS Engineering (CR-RCOS_E)

Short Description

Siemens Remote Control Operation System (SIMOCRANE RCOS) delivers a complete end-to-end crane control solution from operator login, assignment of tasks, carrying out operations, to operator logout. SIMOCRANE RCOS enables an operator to control any crane from a comfortable remote office environment. With SIMOCRANE RCOS, remote controlled cranes can achieve Productivity levels comparable to conventional cabin-controlled cranes or more. A complete solution to increase safety, usability and productivity.

Objectives

The goal of this training is to get engineers familiar with the SIMOCRANE RCOS solution of Siemens Cranes. In 4 days participants are trained in engineering and commissioning an RCOS project.

RCOS makes use of standard Siemens and 3rd party platforms/devices including WinCC OA, S7-1500F and ONVIF camera's. For WinCC OA and TIA Portal, Siemens Cranes has developed standard functions and functions/templates which need to be customized/configured per project. During the training, the WinCC OA & PLC program will be explained and the participants will learn to customize both parts.

Target Group

- Cranes Programmers Cranes
- Cranes Commissioning engineers
- Cranes Configuring engineers

Content

This course contents is:

- Introduction to RCOS
- RCOS functions within WinCC OA
- RCOS configurators
- Project-specific customization in WinCC OA
- RCOS functions within SIMATIC S7
- Project-specific customization in SIMATIC S7
- Interfacing between RCOS WinCC OA – RCOS SIMATIC S7 – Crane Automation software
- S7 and WinCC OA Commissioning
- RCOS troubleshooting
- Licensing
- The training is complemented with RCOS specific exercises

Prerequisites

Mandatory: WinCC OA Basic training: For example: <https://www.winccoa.com/support/training.html>

Mandatory: Advanced knowhow in TIA Portal (preferably V17, current version)

Mandatory: Advanced knowhow TIA Safety

Recommended: Basic understanding Industrial and IT-Network (troubleshooting knowhow, e.g. with Wireshark, is beneficial)

Type

Face-to-face training

Duration

4 days

Language

en

Fee

2,500 EUR