SIEMENS

Online-Training - SIMOVE Master Control (AGV-SIMMC)

Short Description

SIMOVE is the standardized system platform for AGV applications and solution of Siemens. The SIMOVE system comprises the use of standard automation and drives components and tailored software tools and libraries. SIMOVE enables system flexibility and scalability thanks to a modular architecture and open interfaces.

Objectives

Complete commissioning of the AGV fleet control system "SIMOVE Master Control".

Target Group

- Commissioning engineers
- AGV programmer
- Maintenance personell
- Operator

Content

Product version: SIMOVE Maser Control V3.0, TIA Portal V17
System Overview
SIMOVE Master Control
- Terminology and functionality
- Hardware concept
- Project integration of the Carrier Control via GSD file
- Simulation
- MS Excel tools for parametrizing IdentPoints & Blocksections
- Programming the drive behavior (release from Master Control)
- Interaction of multiple AGVs
- Creating of the plant visualization (AGV positions and track layout)
- Working with the logistics Add-on
- HMI handling of the Master Control
Basics of functional safety in the Master Control sample project

Prerequisites

- Advanced knowledge of control technology and industrial communication
- Advanced knowledge of TIA Portal
- Basic knowledge of Functional Safety
- The prerequisite is the course Online-Training - SIMOVE Carrier Control (AGV-SIMCC) or the course SIMOVE Basic Training (AGV-SIMO-B), as well as comparable knowledge.

Type

Online-Training

Duration

2.5 days

Language

en