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SIMOVE Master Control (AGV-SIMMC)

Ksa tanm

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.

Hedefler

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

Hedef Kitle

- Commissioning engineers
- AGV programmer
- Maintenance personell
- Operator

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Product version: SIMOVE Master 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

Included in the course price: Free access to the digital learning platform SITRAIN access – starting one week before the start of the course until two weeks after the end of the course. With the Learning Membership, you can deepen or repeat the content of this Learning Event as well as continue your education on other interesting topics.

Katlmc önkoullar

- 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.

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The Learning Membership starts 7 days before the start of the course and ends 14 days after the end of the course. During this period, you have access to all of the more than 480 web-based trainings available.

Tip

Uzaktan eitim

Süre

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