

Online-Training - SIMOVE Carrier Control (AGV-SIMCC)

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

The complete commissioning of an AGV carrier control system.

Target Group

- Commissioning engineers
- AGV programmer
- Maintenance personell
- Operator

Content

Product version: SIMOVE Carrier Control V3.4 Upd2, TIA Portal V19

System Overview

SIMOVE Carrier Control

- Terminology and system description
- Manual mode: AGV free operation
- Classic track guidance: Signal evaluation via maget sensor
- Track guidance in manual mode (semi-automatic mode)
- Track guidance in automatic mode
- Position detection using RFID
- Identification point database (response to position-specific parameterization)
- Release evaluation: Stop at an IdentPoint and wait for the release by the fleet control system
- SIMOVE Control App: Remote-controlled movement of the AGV via smart phone
- Preparation for laser-based navigation using SIMOVE ANS+

Prerequisites

- Advanced knowledge of TIA Portal

Type

Online-Training

Duration

2 days

Language

en