SIEMENS

SIMOVE Basic Training (AGV-SIMO-B)

Breve descripción

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.

Objetivos

The complete commissioning of an AGV including carrier control and laser-based navigation.

Dirigido a

- Commissioner
- AGV programmer
- Maintenance personell
- Operator

Contenido

Product version: SIMOVE Carrier Control V3.3 Upd2, SIMOVE ANS+ V2.0, TIA Portal V17
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
- IdentPoint database (response to position-specific parameterization)
- Release evaluation: Stop at an IdentPoint and wait for the release by the fleet control system
- Manual movement via the SIMOVE Remote Control app
- Preparation for laser-based navigation using SIMOVE ANS+

SIMOVE ANS+ (Advanced Navigation System Plus) with the ANS+ Engineering Tool
- Terminology and system description
- Commissioning for laser-based navigation
- Map engineering
- Path engineering
- Parameterization of features for position determination
- Ostacles Avoidance and free path planning

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.

Prerrequisitos

- Advanced knowledge of TIA Portal

Nota

Wearing your own safety shoes during the course is mandatory!

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.

Modalidad

Curso presencial

Duración

4,5 días

Idioma

en

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