

## Target Group

Hands-on training for individuals from the commissioning, maintenance, and service departments. Basic knowledge of industrial automation is recommended.



## Training Objectives

- Understand the basics of ASi technology and its areas of applications
- Learn the planning, installation, acceptance, and maintenance of ASi systems
- Be able to use diagnostic tools effectively
- Carry out quality assurance and troubleshooting in ASi networks

## Contents of the Course

### 1. Introduction to ASi technology

- Basics of the AS-Interface (ASi)
- History and development
- Areas of application and advantages in industrial automation

### 2. Planning and installation of ASi systems

- Requirements for system planning
- Installation guidelines and best practices
- Use of repeaters, tuners and Z-plugs to optimize the network

### 3. Diagnostics and maintenance

- Use of the ASi Diagnostic Set, including ASi View and ASi-INspektor®
- Carrying out quality measurements and interpreting the results
- Typical fault patterns, troubleshooting and fault rectification in ASi networks
- Creation of diagnostic and maintenance reports

### 4. Practical application and exercises

- Hands-on training with ASi diagnostic tools
- Simulation and solution of typical error scenarios
- Implementation and review of safety measures
- Carrying out a complete system acceptance test

## Troubleshooting Tools Used for Training

- ASi View Diagnostic Tool
- ASi-INspektor
- EMCheck® clamps – LSMZ I, MWMZ II, ISMZ I

## Additional Details

**Duration:** 1/2 day of training

**Class Size:** Max. 8 participants

**Language:** English, Spanish, German

**Equipment:** Laptops and training stations provided

**Certification:** Receive a Participation Certificate

**Travel:** Travel expenses not included

To register for this course or for other training inquiries please email us at [sales@indusolamerica.com](mailto:sales@indusolamerica.com).