

Connectivity Training for MindSphere

Create added value by connecting machines to MindSphere

Description

This two-day training provides detailed insights into MindSphere connectivity. Through hands-on practices, you will become familiar with different MindConnect elements and settings. You will use test racks to configure projects via TIA (Totally Integrated Automation) for S7-300 PLC, configure S7 data points in MindSphere as well as collect and send data via MindConnect Nano and IoT2040. You will also configure OPC UA Server in TIA v14 to collect data from S7-1500 via MindConnect Nano and configure the S7-1500 FB using TIA.

Objectives

This training enables you to:

- Select the most suitable MindConnect option for your business case
- Configure MindConnect elements to collect data and send to MindSphere (MindConnect Nano, MindConnect IoT2040 and MindConnect S7-1500 FB)
- Configure data points in TIA using S7 and OPC UA protocols as well as configure an OPC UA Server

Content

- MindConnect elements and settings
- S7 data points in MindSphere
- Data via MindConnect Nano and MindConnect IoT2040
- Configuration of OPC UA Server in TIA v14 to collect data from S7-1500 via MindConnect Nano and configure the MindConnect S7-1500 FB using TIA

Target groups

- Management
- Industrial automation engineers
- Software architects

Prerequisites

- None

Training methods

- Interactive lectures
- Hands-on for connecting to MindSphere

Duration

- 2 days

