

Online Training - Efficient Working with Team Engineering in TIA Portal (DIGI-TETIA)

Objectives

Using a practical example, you will learn how to work efficiently in the team in the TIA Portal environment. As well, you will know the concepts of team-oriented cooperation after this course and will be able to apply them in the TIA Portal environment.

The objectives of this course are:

- You will become familiar with the most important topics needed to prepare for working in the team.
- You will be able to structure the automation program according to functions and working groups.
- You will be aware of the advantages of using Multiuser Commissioning when downloading STEP 7 programs.
- You will be able to efficiently work together to develop a project in the team.
- You will be able to implement a commissioning in the team and you will become familiar with the advantages of distributed commissioning.
- You will become familiar with Multiuser Engineering and agile development in automation.

Target Group

- Developers
- Programmers
- Commissioning Engineers

Content

Modularization of the user program through software units:

- Structuring of the automation program, for example, according to functions and working groups
- Creation of UNITs and working with them in TIA Portal

Management, versioning and documentation of TIA Portal projects with the help of the TIA Portal project server:

- Setting up a project server for multiuser accesses
- Management of projects on the project server
- Starting and working with multiuser sessions
- Starting and working with exclusive sessions

Convenient commissioning in the team through Multiuser Commissioning:

- Advantages when downloading STEP 7 programs
- Working with asynchronous/synchronous commissioning

User management in TIA Portal through User Management Component (UMC):

- Integration of the Windows Active Directory
- Creation and management of roles and rights

Straightforward integration of modifications in the common source code basis through Continuous Integration

Prerequisites

- Participant should have attended S71500 Basic course

Type

Online-Training

Duration

3 days

Language

en

Fee

21,000 INR

18% GST additional on course fees