
COURSE DESCRIPTION

PLC Automation Product Training

F880 AC500 V3 PLC Basic

This course covers the basics of AC500 PLC system architecture and basic AC500 V3 engineering methodology according to IEC61131-3.

After completing this course the participant will be able to:

- Use his knowledge of AC500 architecture and the functions of its components to create optimal system configurations for given applications
- Create a new project and configure the AC500 hardware with corresponding centralized digital and analog I/Os
- Configure a decentralized I/O expansion
- Design and configure simple application program by using standard operand data types, standard functions and function blocks
- Handle standard libraries
- Create simple visualization
- Configure connection between AC500 and PC via Ethernet TCP/IP
- Download the project to AC500 and test the function
- Set-up PLC cycle time to optimize the CPU load
- Save the project in PLC and PC
- Use the diagnostics tools for system monitoring and trouble-shooting

Prerequisites and recommendations:

Participants shall have a basic understanding of Programmable Logic Controllers and be familiar with operating in a Microsoft Windows environment.