

COURSE CONTENT "2 DAYS"

Safety Integrated safety engineering at a fieldbus with SIMATIC S7

Prerequisites

- Basic knowledge of Windows PC
- SIMATIC S7 Advanced Training Course, bus systems with SIMATIC S7

Contents

- Basic information for the integration of machine safety
- Regulations and standards
- Risk analysis
- General information about the use of fieldbus systems at personal safety
- Components for configuring a safety-engineering application at the PROFIBUS / PROFINET
- Safety Integrated with SIMATIC S7
- Fail-Safe Communication with PROFIsafe
- Peripheral components for PROFIsafe
- Fail-safe programming with the Distributed Safety software
- Commissioning and programming of PROFIsafe with CPU 315F-2PN/DP and ET 200S
- General information about ASIsafe
- Components for configuring a safety-engineering application at the AS Interface
- Optional: Commissioning and programming of ASIsafe with SIMATIC S7-300 and the AS Interface safety monitor

This program serves as the lead and guideline for the course, with us placing great value on the practical applications.

We will naturally be pleased to deal with any individual suggestions, wishes and questions from the participants.