



CS 900 | Cyber Security with HIMA products

# TrainingFacts

## Cyber-Security on Software and Hardware level

The generic term „Safety“ describes an ideal situation where all risks are excluded. Such one hundred percent safety situations will technically never be achieved. So realization will always be to near the ideal situation as close as possible. As there are so many different risks there will be as many different strategies to prevent these risks. For selection of the best solution one has to know as much as possible about the relevant ambient conditions and the used equipment. During our training we will explain the terms and the ways of thinking of Cyber Security and Functional Safety. Afterwards we will consider the human factor and highlight the available organizational protective measures. At the end we will explain what technical measures could increase Cyber Security for your systems. The practical part of the training will demonstrated by use HIMA Safety PES.

## Course Content

### Basic situation

- What means Safety
- What is the difference between safety and security
- Normative and legal regulations

### Organizational measures

- User sensitization
- Responsibilities
- Risk factors
- Protection targets
- Recommendations for actions

### Technical measures

- Windows PC
- Programming tool
- Communication
- Safety PES
- Application program

## Dates in 2018

Date	Location	Country	Language
Dates on request			

## Participant profile

- Persons responsible for Security in Automation
- Staff for fault correction
- Measurement and regulating staff

## Participant requirements

- Knowledge of how to work in Windows-based programs
- Knowledge in use of HIMA programming tool SILworX®
- Advantage: detailed programming knowledge with HIMA systems

## Theory and practice

The course contains both theoretical and practical components. During practice sessions, a test system (programming system and hardware) is available for every two participants.

## Further courses on this subject

- Basic knowledge in Functional Safety (FS 111)
- SILworX-HIMatrix Engineer part 1 (PT 210),
- SILworX-HIMatrix Maintenance (PT 230)
- SILworX-HIMax Engineer part 1 (PT 200),
- SILworX-HIMax Maintenance (PT 220)
- SILworX-HIMax Engineer part 2 (PT 255)

## Duration

1 day  
Begin: 08:30 pm  
End: 16:30 pm

## Number of participants

- Min. 4 participants
- Max. 8 participants

## Prices 2018

- 725,- € per person

## Services

- Paper copies of training documentation
- Refreshments and lunch

## Registration and Contact

General terms and conditions as well as registration at <https://www.hima.com/en/products-services/seminars/> or using our registration form.

For any other questions please contact:

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