



PT 201 | SILworX®  
Engineer part 1  
Live Online Webbased

## TrainingFacts

### Engineering HIMA systems with SILworX

The HIMA system families HIMax, HIMatrix and HIQuad X are programmed and configured using the SILworX programming tool.

The course starts with an introduction of the programming tool and options for implementation and operation. Then the handling of SILworX will be discussed extensive in all major parts.

Here the participants will get a deep understanding starting with programming techniques via generation of project up to test and diagnosis possibilities. Also the implementation of safety requirements will be discussed in detail. Training will be supported by practical exercises using projects.

Upon successful completion, every participant will be able to generate projects in SILworX.

### Course Content

#### SILworX

- Essentials of IEC 61131-3 basic standard
- Structure of projects
- Definition of resource types
- Program structure
- Programming exercises
- Testing in offline simulation
- Communication to the system
- Code generation
- system loading and starting
- Online functions
- Forcing of variables
- Diagnosis options
- safety parameters
- Documentation
- Version compare

#### Participant Certificate for SILworX Engineer Part 1

For creation of a certificate the participation and successfully passing of a test at the end of the seminar is necessary.

#### Duration:

3 days, beginning Monday, 09:00 ending Wednesday, 16:30

Daily 2 web-sessions, approx.. 3 hours each

**Number of participants:** minimum 4, maximum 8

**Registration:** <https://www.hima.com/en/products-services/seminars/>

**Contact:** training@hima.com