



PT 273 | Hardware HIMatrix®

TrainingFacts

Engineering HIMatrix systems

The HIMatrix system is programmed and configured using the SILworX programming tool.

The course starts with an introduction of system family HIMatrix and options for implementation and operation. Then the handling of systems will be discussed extensive in all major parts.

Here the participants will get a deep understanding starting first startup of system 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 in HIMatrix systems.

Upon successful completion, every participant will be able to handle system HIMatrix and implement HIMatrix systems on-site.

Course Content

System HIMatrix

- Power supply
- System bus
- I/O redundancy
- Safety concepts
- Module replacement
- Diagnosis during operations
- Procedures in case of a fault

SILworX

- Communication to the system
- System loading and starting
- Online functions
- Forcing of variables
- Diagnosis options
- safety parameters

Participant requirement

Participation of "SILworX Engineer part 1" has to be confirmed.

Participant Certificate for Hardware HIMatrix

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

Duration: 2 days, beginning Tuesday, 08:30, ending Friday, 16:00

Number of participants: minimum 4, maximum 10

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

Contact: training@hima.com