

## Presence Training

## Engineering HIMax systems

The HIMax system is programmed and configured using the SILworX programming tool. The course starts with an introduction of system family HIMax 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 HIMax systems.

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

### Participant requirement

Participation of "SILworX Engineer" has to be confirmed.

### Participant Certificate for "HIMax Hardware"

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 1st day, 08:30      ending 2nd day, 16:30

**Number of participants:** minimum 2, maximum 12 participants

**Registration:** <http://academy.hima.com>

**Contact:** [training@hima.com](mailto:training@hima.com)

## Course Content

### System HIMax

- Redundancy concepts
- Power supply
- Rack design
- 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