



## PT 320 | ELOP II®- HIQuad® Maintenance

## TrainingFacts

### Presence Training

### Operating HIQuad systems and correcting faults

The HIQuad system is programmed and configured using the ELOP II programming tool. The course describes the HIQuad system family and options for implementation and operation. ELOP II training in operation and fault correction equips participants with a deep understanding of installation and programming techniques through opening existing projects and by exploring testing and diagnostic possibilities. Training is supported by practical exercises using projects in HIQuad systems. Upon successful completion, every participant will be able to work independently on existing projects and find and correct faults.

#### Participant Certificate for “ELOP II Maintenance”

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 1<sup>st</sup> day, 08:30 ending 2<sup>nd</sup> 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

#### HIQuad

- Redundancy concepts
- Power supply
- Structure of I/O rack
- I/O redundancy
- Central modules
- Communication modules
- Module replacement
- Diagnosis during operations
- Procedures in the event of a fault

#### ELOP II

- Essentials of IEC 61131-3 basic standard
- Structure of projects
- Program structure
- Minor modifications
- Communication to PES
- Code generation
- Archiving and restoration
- Loading and starting PES
- Online functions
- Forcing of signals
- Diagnosis options
- safety parameters
- Documentation
- Revision compare