HIMA SMART SAFETY.

PT 400 | ELOP II Factory®- HIMatrix®
Engineer

TrainingFacts

Engineering HIMatrix systems with ELOP II Factory

The HIMA system family HIMatrix is configured and programmed using the ELOP II Factory programming tool. The first part of training presents the HIMatrix system family and the usage and operation options associated with it. The use of ELOP II Factory in all essential areas is discussed in detail during the second half of the course. The participants receive a thorough overview, including installation and programming techniques, project creation, testing and diagnostic options. Safety requirements are also discussed in detail. Practical exercises with HIMatrix system projects are used to facilitate learning.

Upon successful completion of training, the participants will be able to create projects with ELOP II Factory and use HIMatrix systems on-site.

Duration:
4 days, beginning Tuesday, 08:30   ending Friday, 16:30
Number of participants: minimum 4, maximum 10
Registration: https://www.hima.com/en/products-services/seminars/
Contact: training@hima.com

Course Content

HIMatrix
- Power supply
- Modular / compact system
- Remote I/O modules
- Connection to remote I/Os
- Communications overview
- Safety concepts for I/O modules
- Module replacement
- Diagnosis during operations

ELOP II Factory
- Essentials of IEC 61131-3 basic standard
- Structure of projects
- Definition of resource types
- Program structure
- Programming exercises
- Testing in offline simulation
- Communication to PES
- safeethernet as standard
- Code generation
- Archiving and restoration
- Loading and starting PES
- Online functions
- Forcing of signals
- Diagnosis options
- safety parameters
- Documentation