



PT 210 | SILworX[®] - HIMatrix[®] Engineer part 1

TrainingFacts

Engineering HIMatrix systems with SILworX

This course provides a complete overview of the safety life cycle of HIMatrix Programmable Electronic Device (PES) and SILworX software.

Participants shall learn to identify the different HIMatrix families and its main components. They shall also learn to configure, create databases and program the HIMatrix system using SILWorX software. They shall also learn different diagnostic features and troubleshooting techniques.

Training will be supported by practical exercises using projects in HIMatrix test systems.

Upon successful completion, every participant will be able to generate projects in SILworX and implement HIMatrix systems on-site.

Course Content

HIMatrix

- Safety-concept
- Modular and Compact HIMatrix Systems
- Hardware
- System Architecture
- Diagnostic features
- Fault reaction

SILworX

- Essentials of IEC 61131-3
- HIMatrix system Configuration
- Safety Parameters
- Programming exercises
- Offline simulation
- Code generation
- Online functions
- Load & Reload options
- Forcing
- Diagnosis tools
- Documentation
- Version compare
- Communication brief

Participant Certification

Candidate attending the course and completing an exam successfully shall be issued an attainment certificate

PRODUCT-TRAINING
PT 210 | SILWORX® - HIMATRIX®
ENGINEER PART 1

Dates in 2018

Date	Location	Country	Language
12.03.-14.03.2018	Brisbane	Australia	English
05.09.-07.09.2018	Sydney	Australia	English

Participant profile

- Engineers involved in project implementation and software configuration
- Technicians involved in trouble shooting of the safety system

Participant requirements

- Knowledge of how to work in Windows-based programs
- Knowledge of process control, instrumentation and some electrical background will be desirable.

Theory and practice

The course contains both theoretical and practical components. During practice sessions, a test system (programming system and hardware) is available.

Tailored training

- Training can also include study of specific projects as programming examples
- Site based courses can be arranged on request

Duration

3 days

Time: 9:00 am to 4:00pm

Number of participants

- Min. 3 participants
- Max. 6 participants

Prices 2018

- Please contact HIMA sales at sales@hima.com.au for a quotation

Services

- Training documentation
- Refreshments and lunch

Terms and Conditions

General terms and conditions at <https://www.hima.com/en/products-services/seminars/>

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