



SILworX[®] Engineer with HIMax[®] and HIMatrix[®]

Training Facts

Engineering HIMax and HIMatrix systems with SILworX

This course will focus on the SILworX[®] programming and diagnostic tool (PADT). Since this tool is used with the HIMax[®] and HIMatrix[®] product families, the first portion of the course will focus on familiarization with those products.

Students will learn how to configure and use HIMax[®] and HIMatrix[®] systems including onboard diagnostic capabilities. The balance of the course will focus on the SILworX[®] tool itself. By the end of the course, students will be able to create, develop, and test SILworX[®] programs. This includes hardware and software configuration capabilities and the use of the IEC 61131 programming methodologies.

The diagnostic capabilities of SILworX[®] will be explored and students will learn how to use those capabilities to troubleshoot the hardware and the application. Students who successfully complete the training will be able to create, implement, and support SILworX[®] programs on HIMax[®] and HIMatrix[®] systems.

Course Content

HIMax

- Redundancy concepts
- Power supply
- Structure of base-rack
- System bus
- I/O redundancy
- Safety-concept
- Module replacement
- Diagnosis during operations
- Procedures in the event of a fault

HIMatrix

- Modular and Compact Systems
- First start-up
- Device or module replacement
- Diagnosis during operations
- Procedures in the event of a fault

PRODUCT-TRAINING

SILWORX® ENGINEER WITH HIMAX® AND HIMATRIX®

Dates in 2018			
Date	Location	Country	Language
Feb 5-8	Houston, HIMA Americas	United States	English
May 14-17	Houston, HIMA Americas	United States	English
Aug 13-16	Houston, HIMA Americas	United States	English
Oct 29- Nov 1	Houston, HIMA Americas	United States	English

Participant Profile

- Engineering managers
- Maintenance personnel
- Unit engineers

Participation Requirements

- Knowledge of Windows-based programs
- Knowledge of logic elements
- Basic experience in programming with a programmable logic controller is advantageous

Theory and Practice

The course contains both theoretical and practical components. During practice sessions, every two participants will have a test system available (programming system and hardware).

Custom Training

- Customer applications can be used as programming examples
- Courses can be conducted on-site
- Course focus can be tailored to individual groups (content, duration)
- Price upon request

Additional Training Opportunities

ELOP II Engineer with HIQuad
Maintenance SILworX® (HIMax®)
Maintenance ELOP II (HIQuad)
Functional Safety Engineer (TÜV Rheinland)

Duration

4 days
Start: 8:30 AM
End: 4:30 PM

Number of Participants

- Min. number of participants: 4
- Max. number of participants: 8

Cost

- \$2,500 per person

Services

- Paper copies of training documentation
- Electronic storage of training exercise projects
- Refreshments and lunch

Registration and Contact

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