

Training program IEC61131-3

IEC61131 with straton

Program (3 days)

Day 1:

(9:00 AM to 17:00 PM – including the lunch break)

- Presentation of COPA-DATA and straton
- PLCopen and IEC61131-3
- Getting Started
- Theory
 - o Cycle
 - o Program
 - o Sub-Program and Function Blocks
 - o Variables
 - o Constant expressions
- Programming languages
 - o Structured Text
 - o Function Block Diagram
 - o Ladder Diagram
- Test sequences
- Graphics

Day 2:

(9:00 AM to 17:00 PM – including the lunch break)

- Programming languages: SFC
 - o Getting started
 - o Steps
 - o Transitions
 - o Children
- Libraries and External objects
- Definitions
- Sub-Program and Function Blocks
- Debug tools
- Resources
- Compiling and execution options

Day 3:

(9:00 AM to 17:00 PM – including the lunch break)

- Fieldbus configuration
 - o Depending on customer needs
- Q & A
- Practice project
- Quiz
- *(Customer specific needs if the time and content allow it)*

Objectives of the training course



At the end of this training, participants will be able to do programming, exploitation and maintenance of automatism applications with the help of the straton software (Editor and Runtime), in conformity with the IEC 61131-3 standard.

Our company is certified Training Center by the PLCopen organization.

Training methods

The theoretical talks represent approximately half of the training course and are completed by practical exercises making it possible to concretize the theoretical concepts.

People concerned

Technicians and engineers of the Services having in charge the programming and maintenance of these applications.

Prerequisites

The people who will follow this training must have basic knowledge in Windows and automation.

Evaluations

The training ends with a 30 questions quiz allowing to ensure, together, that the different concepts presented during the training are understood.

Access

If the training takes place in our office, those are accessible by foot and by car:

STRATON AUTOMATION
Rue Du Sextant
38130
Echirolles, France

Using public transports, the train station of Echirolles is at 5mn of the office by foot.

The training rooms are accessible by wheelchair.

If you have a handicap, please contact us at +33 (0)4 38 26 00 75