CODRA

CATALOGUE 2020
Panorama Trainings

Summary

ORGANISE YOUR TRAINING

Inter-company training

The Inter-company training is planned at our head office or in our branch premises.
The number of auditors is set at a maximum of 8 people.
Codra provides one PC per person at the head office and one PC for every two people in the branch office.
Codra provides Lunch and tea & coffee breaks.

Intra-company training

The Intra-company training is planned at your premises on the date that suits you. Pease contact the training department to set a date.
The number of auditors is set at a maximum of 5 people.
The training room is provided by the company and must include one PC per person (at least one PC for two), a video projector and a whiteboard.

Prepare your stay

Coming to Codra Software - UK
Adamson House, Towers Business Park,
Wilmslow Road, Didsbury, Manchester,
Greater Manchester, M20 2YY

Access to CODRA SOFTWARE

Coming to Codra Headquarter - France
Hélios Building
2 rue Christophe Colomb
91300 Massy

Access to CODRA

Access to the premises
A badge will be given to you at the reception desk, it is active from 8:30 am.
Codra is located on the 4th floor.

Staying near Codra Software
Codra has set up a list of Hotels near the office

Procedure of your registration
- Upon receipt of the order or the registration form, the Company receives an acknowledgement of receipt by email.
- One month before the beginning of the training, the person in charge of the follow-up of the training receives:
    - an invitation to attend the training course, by email, accompanied by:
        - Access map
        - List of hotels near Codra
- On the last day of the training, the trainer gives the trainee an evaluation survey.
- At the end of the training course, the company receives the invoice accompanied by the training certificate and the signature sheet by post.

TRAINING: Panorama E²

PROGRAMME

Presentation of Panorama E²
Getting to know the architecture.
Concept of Panorama E².

Acquisition function
Implement the objects related to the data acquisition.
Know the functions provided by these objects.
Know how to declare and use parameter values.

HMI function: Animations and commands
Create views.
Know the drawing tools and the proposed animations.

Structure of the application: the functional units
Know how to create a tree structure in the application.

HMI Function: Navigation
Set up the navigation and operation of the HMI.

SCADA supervision
Set and lock the HMI.

User management
Manage the control of operator access to the application's functions.

HMI function: Operating data and control objects
Implement the operating data and control objects.

Component development
Create components adapted to the needs of an application.

Alarm and event function
Implement the objects related to alarm management.
Know the functions provided by these objects.

Dynamic Persistence
Know how to create and administer dynamic data backup.

Script objects
Implement the script objects.
Know the functions provided by these objects.

Deploying an application
Know how to deploy an application on several workstations.

Archiving function
Implement the objects of the archiving function.

Data presentation function
Know and implement the object of curve drawing and data presentation.

Tools
Know how to use Panorama tools.

EDUCATIONAL OBJECTIVE
This Panorama E² training course provides basic skills on the Panorama E² SCADA software. These skills will allow you to develop and/or integrate an industrial SCADA application.

REQUIREMENTS
Participants should be familiar with the Windows environment and associated tools.

TARGET AUDIENCE
Technicians, developers, engineers or automation engineers.

EDUCATIONAL METHOD
Learning, concrete exercises, questions/answers.
PowerPoint presentation.
Training manual.

EVALUATION
No evaluation.

MEANS OF FOLLOWING UP EXECUTION AND RESULTS
Continuous checking: none.
Registration & certification of internship.

DURATION AND SCHEDULES
5 days / 35 hours
INTER Monday 09h00 to Friday 14h00
INTRA Monday 1:00 pm to Friday 2:00 pm

DATES*
S11 09/03 - 13/03/2020
S24 08/06 - 12/06/2020
S39 21/09 - 25/09/2020
S49 30/11 - 04/12/2020

These dates are given for information only and are subject to change. Please check our website for the updated schedule or contact the sales department to check availability.

PRICES
INTER £2,190.00 excl. tax/person (Lunch included).
INTRA £8,790.00 excl. tax/1 to 5 persons
(Trainer's travel package not included).

CODRA

PROGRAMME

Theme 1: The H² server

Installation of the H² server
Advanced installation of the H² server on an existing database.

Presentation of the H² server
Presentation of the contents of the Historian server.

Using the Configuration and Administration tool
Configuration and administration of the H² server.

Theme 2: H² Application

Acquiring and processing data
Acquisition of the data to be sent to the H² server.
Presentation of the different filtering objects and processing of the acquired data.

Export data to H²
Presentation of the Panorama H² export object
Labeling principle of H² data (categories and identification and description information) to define the configuration data of Panorama H².
Labelling principle for H² alarms (alarm categories and export objects)
Presentation of the types of treatments to be applied to the data.

Use the data
Reports delivered and ready to use.

Theme 3: H² reporting clients

How to view H² data
Presentation of the different solutions available to visualize H² data.

Create these H² reports
Customization of ready-to-use reports.
Creation of new reports such as data tables, curves or bars.

Publishing functions
Presentations of the different possibilities to share a report.

Theme 4: Combining with Panorama E²

Integrate the H² function in an E² application
Presentation of the data object advanced.
Export of business object data to H².
Configuration of alarms to export them to the Historian server.

Use data and alarms
Display H² server data (History, statistics and current value of data and alarm cycles) from application views.

Use the archive transfer tool
Presentation of the Panorama archive transfer principle to Panorama H².

EDUCATIONAL OBJECTIVE
This training allows the implementation of solutions to meet the demands in the area of delayed time processing. You will be able to set up the Panorama H² solution.

REQUIREMENTS
Participants should be familiar with the Windows environment, associated tools and the SQL language.

TARGET AUDIENCE
Technicians, developers, engineers or automation engineers.

EDUCATIONAL METHOD
Learning, concrete exercises, questions/answers.
PowerPoint presentation.

EVALUATION
No evaluation.

MEANS OF FOLLOWING UP EXECUTION AND RESULTS
Continuous checking: none.
Registration & attestation of internship.

DURATION AND SCHEDULES
3 days / 21 hours
09h00 - 17h00

DATES*
S41 06/10 – 08/10/2020
These dates are given for information only and are subject to change. Please check our website for the updated schedule or contact the sales department to check availability.

PRICES
INTER* £1,390.00 excl. tax/person (Lunch included).
INTRA* £3,690.00 excl. tax/1 to 5 persons
(*available only in our premises in MASSY)

TRAINING: Panorama P²

PROGRAMME

Presentation and concept
Environment WINDOWS
Panorama Concept

Panorama view editor
Fundamental notions of the Panorama view editor
Organization of the Panorama views

Database
Process database
Principle of the network setting

Animation of the views
Creation of the views
Configuration of the views
Creation of action lists
Calendars of actions
Creation internal variables and formula variables
Generic objects
Using property replacement
Use of instanciators

Users
Creating Panorama users

Alarm management
Basic Principles
Configuration of alarms, templates presentation, alarm windows
Interactive control of treatments
Examples of alarm management
Example of consignment status in an alarm history window

Archiving - drawing curves
Run-of-river archiving
Selective archiving
Drawing curves

Recipes
Configuring recipes
Recipes usage

EDUCATIONAL OBJECTIVE
This Panorama P² training course provides basic skills on the Panorama P² supervision software. These skills will allow you to develop and/or integrate an industrial supervision application.

REQUIREMENTS
Participants should be familiar with the Windows environment and associated tools.

TARGET AUDIENCE
Technicians, developers, engineers or automation engineers.

EDUCATIONAL METHOD
Learning, concrete exercises, questions/answers.
PowerPoint presentation.
Training manual.

EVALUATION
No evaluation.

MEANS OF FOLLOWING UP EXECUTION AND RESULTS
Continuous checking: none.
Registration & attestation of internship.

DURATION AND SCHEDULES
5 days / 35 hours
INTRA Monday 1:00 pm to Friday 2:00 pm

DATES
On request, contact the sales department.

PRICE
INTRA £8,790.00 excl. tax/ 1 to 5 persons
(Trainer's travel package not included).

Course registration form
Your order reference: ....

Training organization	Your company
CODRA SOFTWARE LIMITED Regus House, Heronsway, Chester Business Park, Chester. CH4 9QR. UNITED KINGDOM Registered in England 5998131 VAT GB 894 0440 15	Company name: .... Address: .... Postal code/City: .... Contact person: .... Phone number: .... E-mail:..
Course title	....
Date – Duration	From .... to .... Week no. …… - Duration …… hours
Location	☐ Inter-company training on Codra premises Adamson House, Towers Business Park, Wilmslow Road, Didsbury, Manchester, M20 2YY UK ☐ Intra-company training (specify if a different address is used): ....

Participant(s)	Last name / First name	E-mail
	....	....
	....	....
	....	....
	....	....
	....	....

Pricing	Training .... ex VAT ....All included Lunch is provided by Codra when "Codra onsite training" is chosen. Expenses .... ex VAT ....All included Concerning "Company onsite training", trainer's expenses shall be charged to the Company - quote on request

Terms and conditions:

This registration form is an order; by returning the completed the Company accept the terms and conditions mentioned below.

The invoice is due within 30 days following the training. The full amount for the course shall be due immediately for any cancellation, even in the event of force majeure, less than 10 working days prior to the start of the session.

Codra reserves the right to cancel a course if there are not enough participants; in this case, participants will be informed and another date proposed.

This agreement goes into effect upon its signature by the Company, for the duration of the training activity in question.

Any dispute that cannot be settled via an amicable agreement shall be under the jurisdiction of the Evry Commercial Court (91).

For the Company
Name and signature of responsible, date and stamp of the Company

Codra Software Ltd. - Business Office
Herons Way - Chester Business Park - Chester - CH4 9QR – UK
+44 (0) 1 244 893221 - sales-panorama@codra.fr
https://codra.net

Codra Software Ltd. – Registered Office
Lincoln House - 300 High Holborn - London WC1V 7JH - UK
Registered in England 5998131 – VAT GB 894 0440 15
Codra Software Ltd. is a wholly owned subsidiary of Codra

Codra
Training organization
Hélios Building
2 rue Christophe Colomb
CS 0851
91300 Massy, France

Email: panorama@codra.fr
Web : Codra.net/en/

Codra Software
Adamson House, Towers Business
Park,
Wilmslow Road, Didsbury,
Manchester,
Greater Manchester, M20 2YY
United Kingdom

CODRA