

zenon BASIC TRAINING Fundamentals Program

Duration: 3 Days

Training Hours: 08:30 ~ 16:00

TRAINING OVERVIEW

The program provides a practical introduction to Engineering Studio and Service Engine. Through guided exercises and hands-on project development, participants learn how to create projects, configure communications, design operator interfaces, manage alarms, configure user administration, and understand networking concepts.

Participants will learn:

- Project creation and engineering fundamentals
 - Communication drivers and variables
 - Screen design and navigation
 - Symbols and reusable objects
 - Alarm and event management
 - User administration and authorization concepts
 - Network architecture and redundancy concepts
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DAILY SCHEDULE

08:30 - 10:00 Training Session
10:00 - 10:30 Coffee Break
10:30 - 12:00 Training Session
12:00 - 13:00 Lunch Break
13:00 - 14:30 Training Session
14:30 - 15:00 Coffee Break
15:00 - 16:00 Training Session

DAY 1

Morning Session (08:30 - 12:00)

Licensing
Project Creation
Drivers & Communication
Variables
Engineering Fundamentals

Afternoon Session (13:00 - 16:00)

Screens
Navigation
Menu & Hall Concepts
Service Engine
Screen Elements
Symbols & Reusable Objects

Learning Outcome

Participants will be able to create a basic zenon project, configure communication drivers, create variables, build operator interfaces and understand the relationship between Engineering Studio and Service Engine.

DAY 2

Morning Session (08:30 - 12:00)

Chronological Event List (CEL)
Alarm Message List (AML)
Alarm Configuration
Event Handling Concepts

Afternoon Session (13:00 - 16:00)

User Administration
Authorization Levels
User Management
Recipes

Learning Outcome

Participants will understand how to implement alarm management, configure AML and CEL, manage users and implement security concepts within a zenon project.

DAY 3

Morning Session (08:30 - 12:00)

zenon Networking Concepts
Client / Server Architecture
Redundant Systems

Afternoon Session (13:00 - 16:00)

Hierarchical Projects
Multi-Server Configuration

Learning Outcome

Participants will understand scalable zenon architectures, networked systems and redundancy concepts used in industrial applications.

SKILLS GAINED

- Create and structure zenon projects
- Configure communication drivers and variables
- Design HMI / SCADA operator interfaces
- Configure alarms and event management
- Manage users and authorization levels
- Understand client/server architectures
- Apply redundancy concepts
- Follow engineering best practices for maintainable zenon projects

EXOR ETI TRAINING PATH

I Basic Training

Foundation Training

- Engineering Studio
- Service Engine
- Variables & Drivers
- Alarms & Users
- Networking Basics



II Advanced Training

- Advanced Engineering
- Archiving & Reports
- Templates & re-use
- Advanced concepts
- Best practices



III a. Energy Training

- IEC Driver
- Automatic Status Indication
- Substation Engineering
- Safe Operations

III b. Report Engine Training

- Reporting Studio
- Automated Reports
- Templates & Filters
- Data Analysis

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