

## **E&I Electrical Designer Training Program**

**Efficient & Intelligent Electrical Design Solution**

### **E&I Electrical Designer**

**Course Duration:** 2 days

**Course Aim:** To learn the basics for creating Electrical drawings with the help of E&I Electrical Designer

**Target group:** Electrical Engineers and Designers

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#### **Course contents:**

- Introduction To E&I Electrical Designer- learning the Interface
- Project Creation with necessary Document Structures
- Working Environment of E&I Electrical Designer
- Borders and Title Block Selection
- Placement and manipulation of standard symbols for Circuit/ Single Line Diagram creation
- Routing Multiple Wire / Wiring Nodes / Cable placement
- Working with E&I Electrical Designer Tree
- Project Setting for Device and Wire Numbering
- Object Designation Function and Textmask
- Automatic Drawing creation of Terminal Drawing & PLC Drawing
- Data Management (Excel Export-Import)
- Sizing Calculations
- Revision Management
- Use of Design Check (Logical Analyzer)

- Reports Generation
- Cable Tray Routing
- Cable Scheduler
- Conduit & Cable Trench Placement
- 3D PDF & 3D GLTF EXPORT
- PUBLISH Documents
- Creating New Symbols
- Exercise Session