

# PLC WORKSHOP FOR SIEMENS S5 TRAINING

## FOUNDATIONS SYLLABUS

Upon completion of this course, you will be able to:

### Getting Started

- Install PLC WorkShop and components
- Compare the Hardware Key and Site License options
- Understand the Communication Server
- Open PLC programs online and offline
- Set appropriate PLC configuration including processor information and memory configuration

### Menu System

- Navigate the menus
- Locate the main toolbar icons

### Connecting Online

- Differentiate between Open/Attach Online, Fast PLC Connect, and Transfer Online

### Multiple Views

- Identify the uses for each view

### Program Organization

- Understand the basic components of an S5 PLC program including logic organization, addressing, and languages

### Ladder Editor

- Recognize and edit basic ladder functions
- Personalize program setup
- Extrapolate address information

### Statement List Editor

- Recognize and edit basic statement list functions
- Personalize program setup

### Data Window

- Construct a useful Data Window through fill and navigational features, customized program setup, and formatting of data values

### Cross Reference

- Mine address information through the use of search features and Segment Cross Reference

### Utilities

- Troubleshoot using PLC WorkShop debug features
- Generate customized printouts

### Security

- Configure FasTrak Security
- Configure NT Security

### FTLogger / FTTrender

- Log PLC data with FTLogger
- Display trend charts with FTTrender

### Documentation Window

- Define, edit, and navigate through address documentation
- Customize the Documentation Window content

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