

# Programmable Logic Controller PLC & SCADA System (STCI) Training

*COURSE CONTENT*

## GET IN TOUCH



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## About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

Programmable Logic Controller (PLC) & SCADA System (STCI) Training by Multisoft Systems is designed to provide comprehensive knowledge of industrial automation and control systems used in modern manufacturing and process industries. The program introduces learners to the fundamentals of PLC programming and the architecture of SCADA systems that enable real-time monitoring and control of industrial processes.

## **Module 1: Introduction to PLC concepts**

- ✓ Types of PLCs
- ✓ PLC System Configuration
- ✓ PLC Hardware Configuration
- ✓ Stardom PLC-case study

## **Module 2: I/O Configuration**

- ✓ Logic Designer Overview
- ✓ Program Organization
- ✓ Project creation
- ✓ Generation of Control Application
- ✓ Data and Variables

## **Module 3: IEC61131 programming tools**

- ✓ NPAS POU Function Blocks
- ✓ Ladder Diagrams

## **Module 4: Structured text**

- ✓ Debugging
- ✓ Introduction to SCADA system
- ✓ Human Machine Interface Functions
- ✓ CI Server concept
- ✓ Configuring Stations & process variables
- ✓ Creation of Symbols
- ✓ Creation of Mimics

## **Module 5: Configuration of Alarm Environment**

- ✓ Historical Event Management
- ✓ Graphics Development & Object Definition