CENTUM VP – System Configuration & Engineering 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

The CENTUM VP – System Configuration & Engineering training by Multisoft Systems is designed to equip professionals with the skills and knowledge needed to configure, engineer, and manage Yokogawa's advanced process control system. This training provides a comprehensive understanding of system architecture, project creation, and hardware/software engineering functions that form the backbone of industrial automation projects.

Module 1: System Configuration

- ✓ Introduction to System View Builder
- ✓ Creating new projects
- ✓ Defining FCS (Function Control Station) and HIS (Human Interface Station)
- ✓ Operation marks and security setup

Module 2: HIS Builders

- ✓ Function Keys & Sequence Message Requests
- ✓ OPECON (Printer) setup & Scheduler
- ✓ Trend definition and monitoring
- ✓ Help dialog messages
- ✓ Creating new, overview, and control windows

Module 3: FCS Configuration Builder

- ✓ Configuring FCS stations
- ✓ Node interface units and I/O modules (Analog/Digital)
- ✓ Switches and network setup
- ✓ Annunciator & Operator Guide messages

Module 4: Regulatory & Calculation Functions

- ✓ Regulatory control instruments
- ✓ Input/output signal processing
- ✓ Function blocks (BSETU-2, BDSET-1L, CALCU, etc.)
- ✓ Batch Set & Data Set Blocks
- ✓ Report package configuration

Module 5: (Advanced Engineering Functions)

- ✓ Sequence Control functions
- ✓ Interlocks and logic building

- ✓ Graphics configuration and tuning
- ✓ Alarm and event management
- ✓ Data logging and historian setup

Module 6: Subsystem Communication

- ✓ Communication functions & DCS hardware structure
- ✓ Redundancy features
- ✓ Serial communication & ALE111 cabling
- ✓ Engineering functions & error handling
- ✓ Subsystem input processing