

ABB 800 XA DCS 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 ABB 800xA DCS (Distributed Control System) Training offered by Multisoft Systems is an intensive course designed to equip engineers, system integrators, and other professionals with comprehensive knowledge and skills in operating and maintaining the ABB 800xA system. This training provides an in-depth understanding of the architecture, features, and functionality of the 800xA system, which is renowned for its high integration capability, flexibility, and scalable platform in managing complex industrial processes.

Topics

- ✓ ABB 800 XA DCS Introduction
- ✓ System Overview
- ✓ ABB 800 XA DCS Architecture Overview
- ✓ Program Types
- ✓ Input / Output Configuration
- ✓ Systems Database
- ✓ DCS System Architecture Design
- ✓ Alarm Management
- ✓ FBD / SFC programming
- ✓ Communication Methods
- ✓ Pre-Commissioning procedures
- ✓ Loop Checking
- ✓ Control Loops – Normal, Cascade, Split
- ✓ FAT / SAT procedures
- ✓ Hardware Overview
- ✓ Hardware design
- ✓ Panel Design
- ✓ I/O Generation
- ✓ P& ID diagram Overview
- ✓ Graphics Development
- ✓ Process History view
- ✓ Motor Control
- ✓ Real-time project Implementation
- ✓ Project-based learning
- ✓ Commissioning Overview
- ✓ Project Management