

Murex (MX.3) 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

Murex (MX.3) Training by Multisoft Systems is designed to provide a comprehensive understanding of one of the most widely used treasury and capital markets platforms in the financial industry. The course equips professionals with in-depth knowledge of MX.3 architecture, front-to-back trade lifecycle, and cross-asset functionalities, enabling them to effectively manage trading, risk, and post-trade operations.

Module 1: Introduction to Murex (MX.3) Platform

- ✓ Overview of Capital Markets & Treasury Systems
- ✓ Introduction to Murex MX.3
- ✓ Murex Architecture & Key Components
- ✓ Front-to-Back Trade Lifecycle Overview
- ✓ Murex Environment Setup (DEV, UAT, PROD)

Module 2: Financial Markets & Instruments

- ✓ Fixed Income (Bonds, T-Bills)
- ✓ Foreign Exchange (FX Spot, Forward, Swap)
- ✓ Money Market Instruments
- ✓ Interest Rate Derivatives (IRS, FRA)
- ✓ Equity & Commodity Basics

Module 3: Trade Capture & Front Office

- ✓ Trade Booking in Murex
- ✓ Deal Capture for FX, IR, and Securities
- ✓ Trade Templates & Static Data Usage
- ✓ Front Office Workflows
- ✓ Trade Amendments & Cancellations

Module 4: Static Data Management

- ✓ Counterparty & Customer Setup
- ✓ Product Configuration
- ✓ Market Data Setup (Rates, Curves, Volatility)
- ✓ Holiday Calendars & Conventions
- ✓ Static Data Best Practices

Module 5: Market Data & Pricing

- ✓ Yield Curves & Bootstrapping
- ✓ Pricing Models in Murex
- ✓ Market Data Feeds & Integration
- ✓ Sensitivity Analysis (Greeks)
- ✓ Valuation Techniques

Module 6: Risk Management

- ✓ Market Risk (VaR, Sensitivities)
- ✓ Credit Risk (Exposure, Limits)
- ✓ Counterparty Risk Management
- ✓ Risk Reporting & Dashboards
- ✓ Stress Testing & Scenario Analysis

Module 7: Back Office Operations

- ✓ Trade Validation & Confirmation
- ✓ Settlement & Payment Processing
- ✓ Cash Flow Management
- ✓ Reconciliation & Exception Handling
- ✓ Corporate Actions Processing

Module 8: Accounting & P&L

- ✓ Accounting Setup in Murex
- ✓ P&L Calculation (Realized/Unrealized)
- ✓ General Ledger Integration
- ✓ IFRS Compliance Basics
- ✓ Financial Reporting

Module 9: Workflow & Operations Control

- ✓ Workflow Configuration
- ✓ Trade Lifecycle Automation
- ✓ Exception Management
- ✓ Audit Trail & Compliance
- ✓ Operational Controls

Module 10: Reporting & Data Management

- ✓ Standard & Custom Reports
- ✓ Regulatory Reporting (EMIR, MiFID basics)
- ✓ Data Extraction & Reporting Tools
- ✓ MIS & Business Reports
- ✓ Report Scheduling

Module 11: Integration & Interfaces

- ✓ Murex Integration Architecture
- ✓ Interfaces with External Systems
- ✓ API & Middleware Concepts
- ✓ Data Import/Export Mechanisms
- ✓ STP (Straight Through Processing)

Module 12: Murex Technical Overview

- ✓ Murex Data Model
- ✓ Batch Processing & Jobs
- ✓ Environment Management
- ✓ Performance Optimization Basics
- ✓ Debugging & Troubleshooting

Module 13: Advanced Topics

- ✓ Collateral Management
- ✓ XVA (CVA, DVA, FVA) Basics
- ✓ Limit Management
- ✓ Algorithmic Trading Overview
- ✓ Advanced Risk Analytics