

# Calypso Technical Training

## *COURSE CONTENT*

### GET IN TOUCH



Multisoft Systems  
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

## 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

Calypso Technical Training by Multisoft Systems is designed to provide in-depth knowledge of the Calypso platform, widely used in capital markets and financial institutions for trade processing and risk management. This training focuses on the technical aspects of Calypso, enabling participants to understand system architecture, data models, and core components essential for implementation and customization.

## Module 1: Introduction to Calypso Platform

- ✓ Overview of Calypso and its role in capital markets
- ✓ Key features and capabilities of Calypso
- ✓ Understanding front, middle, and back-office functions
- ✓ Navigation of Calypso user interface
- ✓ Introduction to system components

## Module 2: Calypso Architecture & Environment Setup

- ✓ Calypso system architecture overview
- ✓ Application server and database architecture
- ✓ Environment setup and configuration
- ✓ Understanding Calypso services and engines
- ✓ User roles and access management

## Module 3: Trade Lifecycle Management

- ✓ Trade capture and validation
- ✓ Trade processing lifecycle stages
- ✓ Event generation and processing
- ✓ Trade status and workflow handling
- ✓ Settlement and confirmation processes

## Module 4: Workflow & Event Processing

- ✓ Workflow configuration and management
- ✓ Event-driven architecture in Calypso
- ✓ Task stations and monitoring
- ✓ Exception handling and reprocessing
- ✓ Custom workflow creation

## Module 5: Financial Instruments & Products

- ✓ Overview of asset classes (FX, Equities, Derivatives, Fixed Income)
- ✓ Product setup and configuration
- ✓ Trade booking for different instruments
- ✓ Pricing and valuation basics
- ✓ Risk-related concepts

## Module 6: Data Model & Database Management

- ✓ Calypso data model overview
- ✓ Database structure and key tables
- ✓ Writing SQL queries for data extraction
- ✓ Data management and maintenance
- ✓ Performance tuning basics

## Module 7: Customization & Scripting

- ✓ Introduction to Calypso customization framework
- ✓ Business logic development
- ✓ User exits and extensions
- ✓ Custom reports and templates
- ✓ Debugging and testing techniques

## Module 8: Integration & APIs

- ✓ Overview of Calypso integration architecture
- ✓ Working with APIs and web services
- ✓ Messaging and external system connectivity
- ✓ File-based and real-time integrations
- ✓ Interface monitoring and troubleshooting

## Module 9: Reporting & Analytics

- ✓ Standard reports in Calypso
- ✓ Creating custom reports
- ✓ Data extraction and MIS reporting
- ✓ Scheduling and automation of reports
- ✓ Performance and risk reporting basics

## Module 10: System Administration & Support

- ✓ Calypso installation and configuration basics
- ✓ Engine monitoring and job scheduling
- ✓ System logs and troubleshooting
- ✓ User management and security
- ✓ Backup and recovery concepts

## Module 11: Testing & Deployment

- ✓ Unit testing and system testing
- ✓ Test case design and execution
- ✓ Release management and deployment process
- ✓ Version control concepts
- ✓ Post-deployment validation

## Module 12: Real-Time Project & Case Studies

- ✓ End-to-end trade processing scenarios
- ✓ Workflow customization use cases
- ✓ Integration project examples
- ✓ Troubleshooting real-world issues
- ✓ Best practices for implementation