

multisoft



Openlink Endur

Course Content



www.multisoftsystems.com

Openlink Endur_Course Content

Module 1: Energy Trading & ETRM Fundamentals

- Introduction to Energy Trading and Risk Management (ETRM)
- Energy and commodity market fundamentals
- Physical vs. financial commodity trading
- OTC and exchange-traded transactions
- Front Office, Middle Office, and Back Office
- Trading, operations, risk, and finance functions
- End-to-end trade lifecycle
- Role of Openlink Endur in ETRM environments

Module 2: Openlink Endur Fundamentals & Architecture

- Introduction to Openlink Endur
- Endur functional architecture
- Endur application environment
- Core application components
- Trading Manager
- Operations Manager
- Reference Manager
- Administration Manager
- Endur desktop and navigation
- Understanding business workflows

Module 3: Reference Data & Static Data Management

- Business units and legal entities
- Counterparties
- Portfolios and books
- Personnel and user-related data
- Currencies

- Commodities and instruments
- Locations and delivery points
- Indexes
- Reference data dependencies
- Reference Manager configuration concepts

Module 4: Market Data Management

- Introduction to market data
- Commodity prices
- Market indexes
- Interest rates and FX rates
- Forward curves
- Curve structures and grid points
- Price feeds
- Historical market data
- Volatility concepts
- Market data validation
- Impact of market data on valuation

Module 5: Deal Entry & Trade Capture

- Deal Entry and Maintenance
- Deal structures and transactions
- Physical and financial deals
- Instrument selection
- Counterparty and portfolio assignment
- Volume and quantity configuration
- Pricing terms
- Delivery periods
- Trade templates
- Deal validation
- Deal amendments

- Deal cancellation and status changes

Module 6: Deal Lifecycle Management

- Understanding the Endur deal lifecycle
- Trade execution and capture
- Validation and approval
- Trade status transitions
- Position generation
- Valuation
- Confirmation
- Settlement
- Accounting
- Reporting
- Amendments and lifecycle events
- End-to-end trade walkthrough

A typical process covered here is **Trade Capture → Validation → Position & Risk → Confirmation → Settlement → Accounting → Reporting**.

Module 7: Position Management, Pricing & Valuation

- Position management fundamentals
- Portfolio positions
- Physical and financial positions
- Pricing concepts
- Deal valuation
- Mark-to-Market (MTM)
- Present value concepts
- Realized P&L
- Unrealized P&L
- P&L analysis
- Exposure calculations
- Position and valuation reporting

Module 8: Risk & Credit Management

- Introduction to Endur risk management
- Market risk
- Position risk
- Price exposure
- Sensitivities
- Value at Risk (VaR) concepts
- Scenario analysis
- Stress testing concepts
- Credit Manager
- Counterparty exposure
- Credit limits
- Limit monitoring
- Risk reporting

Risk and P&L are core ETRM areas and are also emphasized in broader Endur curricula.

Module 9: Scheduling & Physical Operations

- Introduction to physical commodity scheduling
- Physical delivery workflows
- Nominations
- Transportation concepts
- Storage concepts
- Scheduling lifecycle
- Operational movements
- GMotion
- PMotion
- CMotion
- Scheduling exceptions
- Physical trade operational scenarios

Module 10: Confirmations, Settlements & Invoicing

- Confirmation process
- Confirmation generation
- Settlement Desktop
- Settlement events
- Cash flow generation
- Settlement instructions
- Payment and receipt processing
- Invoice generation
- Invoice validation
- Netting concepts
- Settlement exceptions
- Reconciliation
- Back-office workflows

Module 11: Accounting in Endur

- Introduction to Accounting Manager
- Trading-to-accounting workflow
- Accounting events
- Accounting rules concepts
- Subledger entries
- Realized and unrealized accounting
- Posting processes
- General Ledger integration concepts
- Accounting interfaces
- Reconciliation
- Accounting reports

Module 12: AVS & OpenJVS Development

- Introduction to Endur scripting
- AVS fundamentals

-
- Basic AVS concepts
 - AVS scripts
 - Advanced AVS concepts
 - Functional scripts
 - OpenJVS introduction
 - OpenJVS architecture concepts
 - Validation scripting
 - Workflow-related scripting
 - RTPE (Real-Time Position) scripts
 - Script execution and troubleshooting

Module 13: Interfaces, OpenComponents & Reporting

- Endur integration architecture
- Interfaces
- Connex concepts
- Connex/Open Components
- OpenComponents fundamentals
- External system integration
- Data extraction
- Query concepts
- SQL fundamentals for Endur
- Batch processing
- Reporting concepts
- Crystal reporting concepts
- Custom reports
- Upstream and downstream interfaces