

SAP ABAP EWM

COURSE CONTENT

GET IN TOUCH



Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multosoftsystems.com



www.multosoftsystems.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

SAP ABAP EWM Training provides technical expertise in developing and enhancing SAP Extended Warehouse Management solutions. The course covers ABAP-based customizations, RF development, reports, interfaces, BAdIs, and warehouse process enhancements used in SAP EWM and SAP S/4HANA warehouse environments. It is ideal for professionals seeking hands-on EWM technical development skills.

Module 1: SAP EWM Technical Architecture Fundamentals

- ✓ Overview of SAP EWM Architecture
- ✓ Decentralized and Embedded EWM
- ✓ Warehouse Organizational Structure
- ✓ EWM Business Processes Overview
- ✓ ERP and EWM Integration Concepts
- ✓ Technical Components of EWM
- ✓ EWM Data Model Overview
- ✓ Development Landscape and System Architecture

Module 2: EWM Master Data and Technical Objects

- ✓ Product Master Integration
- ✓ Business Partner Integration
- ✓ Storage Bin and Storage Type Structures
- ✓ Warehouse Process Types
- ✓ Document Flow Architecture
- ✓ EWM Tables and Relationships
- ✓ Core EWM Database Objects
- ✓ Technical Navigation Techniques

Module 3: ABAP Development in SAP EWM

- ✓ EWM-Specific Development Framework
- ✓ Important Function Modules
- ✓ EWM Classes and Methods
- ✓ BOPF Concepts in EWM

- ✓ ABAP OO in EWM Development
- ✓ Data Retrieval Techniques
- ✓ Reusable Development Objects
- ✓ Naming Standards and Best Practices

Module 4: Enhancements and BAdIs

- ✓ Enhancement Framework Overview
- ✓ EWM Enhancement Spots
- ✓ BAdI Implementation Techniques
- ✓ Custom Validation Development
- ✓ Warehouse Process Enhancements
- ✓ Delivery Processing Enhancements
- ✓ Stock Removal Enhancements
- ✓ Real-Time Business Scenarios

Module 5: RF Framework Development

- ✓ Introduction to RF Architecture
- ✓ RF Menu Configuration
- ✓ RF Screen Development
- ✓ Custom RF Transactions
- ✓ Mobile Warehouse Processing
- ✓ Function Code Handling
- ✓ Navigation Logic Development
- ✓ RF Debugging Techniques

Module 6: Warehouse Monitor Enhancements

- ✓ Warehouse Monitor Architecture
- ✓ Monitor Node Enhancements
- ✓ Custom Monitor Development
- ✓ Business Context Integration
- ✓ Data Display Enhancements
- ✓ Custom Selection Screens
- ✓ Monitoring Dashboard Extensions
- ✓ Performance Considerations

Module 7: PPF Framework and Printing

- ✓ Post Processing Framework (PPF)
- ✓ Action Profiles
- ✓ Action Determination Logic
- ✓ Custom PPF Actions
- ✓ Smart Forms Integration
- ✓ Adobe Forms Integration
- ✓ Label Printing Development
- ✓ Warehouse Print Management

Module 8: Reports and ALV Development

- ✓ EWM Reporting Framework
- ✓ Custom ALV Reports
- ✓ Operational Warehouse Reports
- ✓ Inventory Reporting
- ✓ Delivery Monitoring Reports

- ✓ Exception Reporting
- ✓ Performance Reporting
- ✓ Background Job Processing

Module 9: Interfaces and Integration Development

- ✓ ERP-EWM Interface Architecture
- ✓ IDoc Processing
- ✓ RFC Communication
- ✓ BAPI Usage
- ✓ Queue Monitoring
- ✓ CIF Concepts
- ✓ Middleware Integration
- ✓ Error Handling Mechanisms

Module 10: Inbound Process Enhancements

- ✓ Inbound Delivery Processing
- ✓ Goods Receipt Enhancements
- ✓ Putaway Process Enhancements
- ✓ HU Management Development
- ✓ Quality Inspection Integration
- ✓ Exception Handling
- ✓ User-Specific Enhancements
- ✓ Debugging Inbound Scenarios

Module 11: Outbound Process Enhancements

- ✓ Outbound Delivery Processing
- ✓ Picking Enhancements

- ✓ Packing Logic Development
- ✓ Staging Process Enhancements
- ✓ Loading Process Development
- ✓ Shipping Integration
- ✓ Exception Management
- ✓ Outbound Debugging Techniques

Module 12: Inventory and Internal Process Development

- ✓ Physical Inventory Enhancements
- ✓ Cycle Counting Developments
- ✓ Replenishment Logic
- ✓ Internal Warehouse Movements
- ✓ Stock Transfer Enhancements
- ✓ Posting Change Processes
- ✓ Inventory Adjustment Programs
- ✓ Exception Processing

Module 13: Debugging and Performance Optimization

- ✓ EWM Debugging Strategies
- ✓ Queue Debugging
- ✓ RF Debugging
- ✓ PPF Debugging
- ✓ Background Job Analysis
- ✓ SQL Performance Tuning
- ✓ Runtime Optimization
- ✓ Development Best Practices

Module 14: Advanced EWM Development Scenarios

- ✓ Custom Warehouse Applications
- ✓ Automation Integration Concepts
- ✓ MFS Development Overview
- ✓ Workflow Integration
- ✓ Event-Based Processing
- ✓ Custom APIs
- ✓ Complex Enhancement Scenarios
- ✓ Real Project Case Studies