

SAP MM & S4 HANA Materials Management Course Content

1. HANA Architecture & Deployment
2. Organization Structure (Hands on)
3. Master Data (Hands on)
4. Procurement Process (P2P) (Hands on)
5. Inventory Management (Hands on)
6. Invoice Verification (Hands on)
7. Material Requirements Planning
8. Valuation and Account Determination
9. Reports
10. Migration to SAP S/4HANA (Concepts)

HANA Architecture & Deployment

- S4 HANA Architecture, Deployment Strategy
- Simplifications in Procurement and Inventory, SAP FIORI for MM

Organization Structure (Hands on)

- Client, Company, Company Code
- Plant, Storage Location, Valuation Area
- Purchase Organization, Purchase Group
- Assignments: Plant to Company Code, Purchase Organization to Plant

Master Data (Hands on)

- Business Partner (Vendor Role), Vendor Master Synchronization
- Material Type, Industry Sector, Material Group
- Material Master with all Views (Basic, Purchasing, MRP, Accounting, Storage)
- Purchasing Info Record, Source List, Quota Arrangement
- Number Ranges and Field Selection

Procurement Process (P2P) (Hands on)

- Purchase Requisition, Request for Quotation, Quotation Comparison
- Purchase Order Types, Item Categories, Account Assignment Categories
- Outline Agreements: Contracts and Scheduling Agreements
- Release Strategy for PR and PO
- Output Determination, Message Control

- Subcontracting, Consignment, Stock Transfer Order, Third Party Procurement

Inventory Management (Hands on)

- Movement Types, Goods Receipt, Goods Issue, Transfer Posting
- Special Stocks, Reservations, Stock Types
- Physical Inventory: Cycle Counting and Annual Inventory
- Batch Management, Serial Numbers
- Material Documents and Accounting Documents

Invoice Verification (Hands on)

- Logistics Invoice Verification, GR/IR Clearing
- Tolerance Keys, Blocked Invoices, Credit Memo
- Planned and Unplanned Delivery Costs
- Evaluated Receipt Settlement (ERS)

Material Requirements Planning

- MRP Types, Lot Sizing, Planning Strategies
- MRP Run, Planned Orders, Procurement Proposals
- Consumption Based Planning, Reorder Point Planning

Valuation and Account Determination

- Valuation Class, Price Control (Standard and Moving Average)
- Automatic Account Determination (OBYC)
- Split Valuation, Material Ledger
- FI-MM Integration

Reports

- Stock Overview, Stock Requirements List, Material Document List
- Purchase Order History, Vendor Evaluation, Open PO Report
- GR/IR Analysis, Inventory Turnover Reports

Migration to SAP S/4HANA (Concepts)

- Business Partner Approach, MATDOC Table, Material Ledger Changes
- Embedded EWM and Advanced MRP Overview