

# **SAP SimpleLogistics**

# Introduction to SAP S/4HANA Simple Logistics

### • Overview of SAP Simple Logistics

- Introduction to SAP S/4HANA Simple Logistics
- $\circ$   $\;$  Key Features and Innovations in S/4HANA  $\;$
- SAP Fiori User Experience and Its Role in Logistics
- o Integration with Other SAP Modules and S/4HANA Components

# SAP S/4HANA Material Management (MM)

## Material Master Data Management

- Configuration and Maintenance of Material Master Data
- Material Types, Views, and Attributes
- Advanced Topics: Custom Fields, Material Grouping

## • Procurement and Purchasing

- Purchase Order Management and Processing
- Integration with Supplier Relationship Management (SRM)
- Advanced Topics: Contract Management, Supplier Evaluation

### • Inventory Management

- Inventory Transactions and Document Types
- Stock Overview, Valuation, and Reporting
- Advanced Topics: Physical Inventory, Batch Management, and Serial Numbers

## • Logistics Invoice Verification

- Invoice Processing and Verification
- Integration with Accounts Payable and Procurement
- Advanced Topics: Invoice Blocking, Special Invoice Scenarios

# SAP S/4HANA Sales and Distribution (SD)

## • Sales Order Management

- Sales Order Creation, Processing, and Delivery
- Integration with Inventory Management and Shipping
- Advanced Topics: Advanced Order Types, Order Processing Optimization
- Billing and Invoicing
  - Billing Document Creation and Management
  - Integration with Accounts Receivable
  - o Advanced Topics: Credit Management, Complex Billing Scenarios

### • Pricing and Conditions

- Pricing Procedure Configuration and Maintenance
- Condition Records and Condition Technique
- o Advanced Topics: Pricing Enhancements, Discount Management

## • Shipping and Transportation

- Delivery and Shipment Processing
- $\circ \quad \mbox{Integration with Transportation Management}$
- Advanced Topics: Advanced Shipping Notifications (ASN), Freight Calculation

## SAP S/4HANA Production Planning (PP)

- Production Planning and Control
  - Master Data: Bill of Materials (BOM), Routings, Work Centers
  - Production Order Processing and Execution
  - Advanced Topics: Demand Management, MRP (Material Requirements Planning)
- Shop Floor Control

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# **SAP SimpleLogistics**

- $\circ \quad \text{Order Confirmation and Production Execution}$
- Integration with Inventory Management
- Advanced Topics: Production Analytics, Real-Time Monitoring

#### Capacity Planning

- Capacity Planning and Scheduling
- o Integration with Production Orders and Work Centers
- o Advanced Topics: Advanced Capacity Planning, Resource Optimization

## SAP S/4HANA Quality Management (QM)

- Quality Planning
  - Quality Inspection Planning and Master Data
  - Inspection Lot Creation and Management
  - Advanced Topics: Quality Inspection Integration, Sampling Procedures

#### • Quality Inspection

- Inspection Process and Execution
- Integration with Production and Procurement
- o Advanced Topics: Defect Management, Quality Notifications

#### • Quality Control

- Quality Certificates and Reporting
- Advanced Topics: Statistical Process Control, Quality Analytics

## SAP S/4HANA Warehouse Management (WM)

### • Warehouse Structure and Configuration

- Warehouse Layout and Master Data
- Storage Types, Sections, and Bins
- Advanced Topics: Complex Warehouse Scenarios, Cross-Docking

### • Inbound and Outbound Processes

- Goods Receipt, Putaway, and Picking
- Integration with Inventory Management
- o Advanced Topics: Warehouse Task Optimization, Automated Storage Solutions
- Warehouse Order Management
  - Warehouse Order Creation and Processing
  - o Advanced Topics: Dynamic Storage Locations, Warehouse Replenishment

## SAP S/4HANA Advanced Topics

### • Integration with SAP Leonardo

- IoT Integration for Logistics
- Advanced Analytics and Machine Learning
- o Blockchain for Supply Chain Transparency

#### Analytics and Reporting

- Real-Time Reporting with SAP Fiori and Embedded Analytics
- Custom Reports and Dashboards using SAP HANA
- Advanced Topics: Predictive Analytics, Data Visualizations

## • Optimization and Innovations

- Process Optimization Techniques
- Implementing Innovations and Best Practices
- Advanced Topics: Digital Transformation in Logistics, Future Trends



# **SAP SimpleLogistics**

#### Hands-On Projects and Case Studies

# • Practical Implementations

- Real-World Scenarios in SAP Simple Logistics
- End-to-End Process Configurations and Integrations
- Advanced Topics: Custom Solutions and Enhancements

### Case Studies

- o Industry-Specific Implementations and Success Stories
- Lessons Learned from Large-Scale Deployments
- o Advanced Topics: Change Management and User Adoption Strategies